

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



My young friends, I look forward to you as the real makers of Pakistan, do not be exploited and do not be misled. Create amongst yourselves complete unity and solidarity. Set an example of what youth can do. Your main occupation should be in fairness to yourself, to your parents, in fairness to the State, to devote your attention to your studies. If you fritter away your energies now, you will always regret.

Quaid-e-Azam Muhammad Ali Jinnah
(Islamic College, Peshawar - 12th April, 1948)



نہیں ہے نا اُمید اقبال اپنی کشتِ ویران سے
وہ نام ہو تو یہ مٹی بہت زرخیز ہے ساقی

Dr. Allama Muhammad Iqbal
(Digargoon Hai Jahan, Taron Ki Gardish Taz Hai Saqi , Bal-e-Jibril-009)

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Chancellor



**Chaudhry Muhammad Sarwar
Governor Punjab Pakistan**

Chief Minister



Sardar Usman Ahmad Khan Buzdar
Chief Minister Punjab

Pro-Chancellor



**Raja Yassir Humayun Sarfraz
Education Minister Punjab**

Vice - Chancellor



Prof. Dr. Muhammad Ali (TI)
Vice Chancellor, Government College University Faisalabad

The City of Faisalabad

Faisalabad, the Manchester of Pakistan is one of the first planned and systematic cities in the sub continent envisaged by the British Government, after the name of Sir James Lyall. Lyallpur was the first name ascribed to this fertile land of Sandal Bar. The unique bond present between the sister countries Pakistan and Saudi Arabia paved the way to rename the city after the name of our friend, late King of Saudi Arabia, King Faisal. The City is catering to the needs of more than six million people. Agriculture and industry remains the hallmark of Faisalabad with a powerful and ever developing thrust in these sectors. Faisalabad International Airport, Faisalabad Dry Port and Industrial Zone linked with the Motorway are facilitating this hub of industrial activities.

The historical Clock-Tower with Eight Bazars designed after Union Jack, presents a magnificent example of town planning located in the province of Punjab to the west of Lahore, the provincial capital. With the proper infrastructure, road linkages Faisalabad serves as an example as district, as division and as a city for the developing world. The Faisalabad International cricket and hockey stadiums host international matches. The city has produced great leadership in the fields of politics, education, health, sports, agriculture, economy, bureaucracy and biotechnology.





History & Introduction

Government College University, Faisalabad has emerged as a leading center of learning and research in a short span of time. The University with its dynamic faculty and innovative syllabi has become a catalyst of intellectual, social and industrial change. It caters to the diverse needs of society by imparting education in almost all the major fields of learning.

The Government College University's journey started as a primary school in 1897 in the present building of Government College for Women, Karkhana Bazar, Faisalabad. It was promoted to High School and Intermediate College in 1905 and 1924 respectively. It was elevated to the degree level in 1933 and postgraduate disciplines were introduced in 1963. The long journey that started with the humble beginning reached its climax when it was granted the status of University in October 2002.

The Government University, Faisalabad has a long history of excellence and distinction as an institution. Renowned scholars and eminent personalities have served this institution in various capacities at various stages of its history. It has produced outstanding personnel who have earned great fame not only for themselves but also for the nation.

The luminaries like Mr. Abdul Hameed, Mr. W.H.F. Armstrong, Mr. Lala Chattan Annand, Mr. Hashmat Khan, Mr. Taj Khyal, Mr. Namdar Khan, Mr. Karamat Hussain Jafari, Mr. Mukhtar Mahmood Qureshi, Dr. Asif Iqbal Khan, Dr. Arif Zaidi and Dr. Zakir Hussain have served this institution.



Prof. Dr. Muhammad Ali (Tamgha-e-Imtiaz), a renowned international name in the field of Biological Sciences has joined Government College University Faisalabad as its 4th Vice Chancellor. Recognizing his valuable achievements in the field of science and research, the Government of the Pakistan conferred upon him “Tamgha-e-Imtiaz”. He earned his PhD from University of Wales (UK) and Post-Doctoral work from MU Columbia, USA. Dr. Ali has vast experience in the domains of teaching, research, administration, planning & development and project management. With an academic experience of more than 27 years, he enjoys a strong research outlook with many PhD and MPhil students to his credit.

Prof. Dr. Muhammad Ali (TI)
Vice Chancellor

The Message

Government College University Faisalabad is a dynamic seat of learning aspiring to provide highly stimulating and conducive academic environments for quality research, formal education and professional growth. In the recent years, the university has achieved phenomenal success in research contribution and in improving the quality of education which is reflected through the meteoric rise of the institution in HEC ranking from 59th to its 7th position, resulting in growing confidence of civil society and business community of the region.

This university is striving for academic and cultural excellence by living upto the international standards of education. We offer innovative syllabi encompassing the latest trends and approaches in the fields higher education. Our curricula inculcate creativity, objectivity and critical thinking, impart values of commitment and singleness of purpose to learning and professionalism and promote confidence, adaptability and high level communication skills in students to ensure success of our graduates in this highly competitive and challenging global world order.

We are for inter-disciplinary approach and social cohesion. We offer a wide range of courses in the fields of Natural and Physical Sciences, Information Technology, Engineering, Food and Home Sciences, Law, Pharmacy, Management and Business Sciences, Humanities, Social Sciences, Fine Arts, Bioinformatics & Biotechnology and Medical Sciences in addition to others to cater the diverse needs of social and industrial sectors of this region.

Government College University is deeply engaged in the challenging task of developing well-equipped labs to produce quality research in every field and in establishing a proper liaison with market and industry to ensure job opportunities for skilled graduates and young professionals. Our academia and administration place special emphasis on building an inclusive community based on inter-cultural and inter-faith harmony to produce an environment that is safe and friendly by making education a way forward to social and communal harmony and tolerance. You will find highly qualified faculty in this University dedicated to provide you excellent opportunities for intellectual and social growth.

The University comprises beautiful buildings and grounds which promise a variety of healthy, congenial and intellectually transformative opportunities necessary for nation building. This University ensures a successful and bright career for its students. It is hoped that this University will earn more laurels in future by responding to the needs of society and market. Furthermore, you are welcome to experience lively opportunities that Government College University offers. You are here to join a vibrant community of students, researchers, friends, teachers, mentors and intellectuals to discover your potential and abilities for creative learning.



Offices of the University

Vice Chancellor's Secretariat

Ph: 041-920670, 9203000

Email: vc@gcuf.edu.pk, svc@gcuf.edu.pk, adminofficertovc@gcuf.edu.pk

Mr. Faisal Waseem

Admin Officer / PS to Vice Chancellor

Mr. Shahzad Rasul

Admin Officer / PA to Vice Chancellor

Atif Shahzad

Junior Clerk

Abdul Sattar

Dispatcher

Asgar Yahya

Dispatcher



The Registrar

Ph: 041-9201266, 9201495

Email: registrar@gcuf.edu.pk

The Registrar is a whole time officer and the custodian of the common seal and the academic records of the University. Registrar maintains a register of registered graduates at University and is the secretary to the Syndicate, the Academic Council, the Selection Board, and the Advanced Studies Research Board. Also performs such other duties as may be assigned by the Vice Chancellor.

The Office of Registrar at Government College University, Faisalabad (GCUF) has earned the prestige and status for collaboration and necessary support to other constituents of the University. Today, the Registrar Office is responsive and supports to the incoming students, faculties, administrative staff and the public in general.

A vast array of services provided at this Office include:

- i) Registration of the students
- ii) Degree verification/attestation
- iii) Monitoring internal and external affairs of the University
- iv) Recruitment, employment and development of employees
- v) Policymaking, record keeping and management of day to day affairs
- vi) Award of scholarships and provision of financial aid to needy students
- vii) Governance and implementation of curricula, academic standards and policies
- viii) Organizing and keeping record of meetings of the University Statutory Bodies



ix) Employees record and management of employees personal files.

The efficient schemes of services for the wellbeing of employees and students have been possible through the dedicated, professional and disciplined Officers and Staff at this Office. This team is well equipped with the knowledge

of rules, regulations, services statues, policies and practices governing at Government College University. All the members of the team are open, welcoming and accommodative through the spirit of optimistic energies. They work with honesty and commitment to ensure organizational integrity, human dignity, and professional confidentiality.

Staff

Mr. Ghulam Ghous
Registrar

Mr. Muhammad Ayub
Additional Registrar,
Directorate of Procurement and Inventory Control

Mr. Muhammad Asif Latif
Additional Registrar
Academics Branch / University Attorney

Mr. Nadeem Saeed
Deputy Registrar
Personnel Section

Ms. Saima Parveen
Assistant Registrar, Student Financial Aid Office

Mr. Kashif Naeem (on leave)
Assistant Registrar, Meeting and Personal Branches

Mr. Tanveer Ali Rana
Assistant Registrar, Establishment Branch

Mr. Zeeshan Nawaz
Assistant Registrar, Academics Branch

Mr. Abdul Hannan Amjad
Assistant Registrar, Registration Branch

Mr. Taimoor Nawaz
Assistant Registrar, Degree Verification Cell

Mr. Muhammad Shahid
Assistant Registrar, Recruitment / Personnel

Ms. Rehana Sattar
Assistant Registrar, ACR

Mr. Muhammad Murtaza
Assistant Registrar, Registration

The Treasurer Office

Ph: 041-9200035, 9201573
Email: treasurer@gcuf.edu.pk

Vision

To deliver the quality oriented financial support services to the university faculty, students and administration by ensuring an efficient, economic and transparent financial management and reporting system

Introduction

The Treasurer's Office established under Article 15 of the Government College University, Faisalabad Ordinance 2002 (Amended Act 2004) has the mandate to:

1. Manage the property, the finances and the investments of the University;
2. Prepare the annual and revised budget estimates of the University and present them to the Finance and Planning Committee and the Syndicate;
3. Ensure that the funds of the University are expended on the purposes for which they are provided.

Besides the primary responsibility of management of the university's financial assets and liabilities, This office performs maintenance of the Books of Accounts and recording all the financial transactions on Modified Cash based system of Accounting in compliance with NAM (New Accounting Model of AGP and Government of the Punjab system.

4. Coordination with Banks for maintaining full details of money received from and disbursed to different sources.
5. Handling the applications related to deposit of fee, late



6. submission of fee, refund of securities, payment of fine etc.
6. Efficient disbursements to all the beneficiaries and recording of transactions in the financial software for provision of reports for the decision making authorities.

Mr. Muhammad Akbar Ali
Treasurer

Mr. Nadeem Mushtaq
Deputy Treasurer

Mr. M. Farhan Iqbal
Deputy Treasurer

Mr. Atif Ahmad
Deputy Treasurer

Mr. Muhammad Azhar
Assistant Treasurer

Mr. Mati ur Rehman
Assistant Treasurer

Mr. Qammer Bahadur
Assistant Treasurer

Mr. Nasir Shah
Assistant Treasurer

Mr. M. Numan
Assistant Treasurer

Controller of Examinations

Ph: 041-9201037
Email: controller@gcuf.edu.pk



Mission

To guard the standards of quality in the conduct of Examination at Under Graduate, Graducate and Postgraduate levels, while enforcing rules and regulations of Semester and Annual Examination. This office deals with the matters of students of Univeristry , Sub Campuses, Affiliated Colleges pertaining to conduct of Examinations, Notification of Results, Issuance and Verification of Transcripts and Degrees.

Introduction

Controller of Examinations Office is established for the conduct of examinations, result notifications and award of degree & following laid down tasks.

- To prepare and announce the calendar of examinations.
- Management of examinations as per requirements
- Arrangements for external examiners for paper setting and evaluation of answer scripts
- Conduct of examinations / administration of tests
- Making arrangements of marking of answer scripts from examiners

- Implementation of decisions of hardship case committees, unfair means committee, or discipline committee
- Maintaining strict security level of the official work
- Preparation of results, notifications, transcripts and degrees

Staff

Dr. Shafqat Hussain
Controller of Examinations

Dr. Muhammad Zubair
Additional Controller of Examinations

Dr. Muhammad Asrar Ch.
Additional Controller of Examinations

Mr. Jaweed Anjum
Additional Controller of Examinations

Mr. Abdul Mannan
Deputy Controller of Examinations

Mr. Zehsaan Ahmad Khan
Deputy Registrar/ Deputy Controller of Examinations

Ms. Fiza Sabir
Deputy Controller of Examinations

Mr. Asim Ismail
Deputy Controller of Examinations

Mr. Hassan Mahmood
Assistant Controller of Examinations

Mr. Naveed Iqbal
Admin Officer/ Assistant Controller of Examinations

Ms. Asma Rafiq
Admin Officer/ Assistant Controller of Examinations

Mr. Mohsin Murtaza
Admin Officer

Office of Resident Auditor

Ph: 041-9201229

Vision

To maintain transparent and effective Pre-Audit

Mission

To deliver quality service for improving financial reporting in accordance with Standards under New Accounting Model (NAM) & to enforcing transparency and use of public resources.

Staff

Baber Hussain (PAAS)
Resident Auditor

Miss Sana Aslam
Assistant Registrar

Shahid Sultan
Research Officer

Muhammad Idrees
Assistant



Mission

To serve the nation by reducing the gaps between labs and society through innovation and commercialization

Activities at ORIC-GCUF

- 1.To strengthen the Research & Development and Commercialization of innovative ideas at GCUF.
- 2.Building national and international professional network through exchange programs
- 3.Bridging Academia-Industry Linkage for effective technology transfer
- 4.Training and motivation of faculty through in-house professional trainings
- 5.Protecting Intellectual Property (IP) Rights of the researchers
- 6.To establish and implement Internal Compliance Program (ICP) in the university
- 7.Establishing Entrepreneurial Ecosystem to launch and promote Start-ups in the Business Incubation Center (BIC)
- 8.Promotion of research culture through internal Research Support Programs and Research Productivity Allowances

Introduction

The University implemented R&D policy to inculcate research culture and to increase the research productivity. ORIC has been established at GCUF in line with the guidelines of the HEC for coordination, implementation, research support services and promotion of R&D policy in April 2009 (Directorate of Research). The motivated GCUF-ORIC team is committed to extend all possible facilitation and assistance to solicit research plan under R&D projects funded by HEC, and to encourage every single innovation which stimulates the country's economic benefits. ORIC-GCUF is also creating research opportunities for academia and scholars at all levels to directly engage them with industry, to create more competitive businesses and an innovative environment.

Previous Mentors

- Prof. Dr. Mubasher Niaz** (Director Research)
Prof. Dr. Mohammad Zuber (Director ORIC)
Prof. Dr. Farhat Abbas (Director ORIC)



Staff

Dr. Khalid Mahmood Zia
(Director ORIC)

Dr. Salma Sultana
Manager, External Linkages

Dr. Muhammad Aamer Mahmood
Manager, Research Operations (Sciences)

Dr. Asim Mansha
Manager, Research Development (Sciences)

Dr. Muhammad Ayub Buzdar
Manager, Research Operations (Social Sciences)

Dr. Muhammad Rizwan Yaseen
Manager, Research development (Social Sciences)

Dr. Nudrat Aisha Akram
Manager, Technology Innovation Support Center

Dr. Muhammad Imran Arshad
Manager, University Industry Linkages

Dr. Aamir Abbas
Manager, Intellectual Property Rights & Legal Services

Mr. Adeel Anjum
Manager, Business Incubation Center

Research and Development: GCUF Research Projects Database

Research and Development Cell develops programs and Faculty of GCUF has won 65 research grants in the year 2017. GCUF was at the top position in higher education institutes of Punjab in year 2017 by winning 55 research projects of NRPU HEC. Our faculty won 5 projects in the social integration outreach program of HEC and 1 project of HEC thematic research grant. Furthermore, our faculty member won research grants from joint research support programs of Pakistan Science Foundation (PSF) and Ministry of Research and Technology of Iran, Turkey and China. Dr. Khalid Mahmood from department of Physics awarded with PAK-USAID project of worth Rs 22.00 Million PKR and Dr. Muhammad Farooq from department of Bioinformatics and Biotechnology awarded with Rs 16.5 Million PKR from Danish Heart Foundation. Prof. Dr. Nasir Amin, dean Physical Sciences granted with project from PSF in 2017. In the year 2018, so far GCUF faculty won 30 research grants from NRPU of HEC and many more are in process of evaluation. The graphs given below are representing that the amount of research project quenched by GCUF faculty is exponentially increasing every year.

Top position in HEC-NRPU Projects Scheme

GCUF owns the credit of the leading research University by winning 55 projects from HEC-NRPU, out of 213 projects awarded to all public and private sector universities in Punjab.

Research grants from GCUF-funds Transfer

In the year 2016, ORIC mediated the Vice Chancellor's Initiative to launch an indigenous Research Support Program (RSP) to promote the research culture in GCUF by providing research

grant to GCUF-faculty members, for which seed money of worth PKR 10.0 million was allocated. Where, the said is meant to support the innovative research ideas of faculty irrespective of the discipline including sciences, social sciences and arts and humanities. Where, selection of the project is made through an external blind review.

Research Operations Cell: GCUF Publications Database

Research operation cell is responsible to oversee all aspects of the ORIC research administration (budgeting, auditing and accounting, management and maintenance of facilities and equipment, implementation of research contracts and human resources). Publications play pivotal role in HEC university ranking. The ORIC has prepared a "Publication Database" to record all published work in reputed national and international journals of the researchers of GCUF. Where, the database calculates impact factors of individual researchers, departments, and the faculties of GCUF to give fair credit to researchers/departments/faculties for achievements of GCUF. The ORIC office has separate Managers for Research Operation; one is dealing all sciences and engineering faculties and the second one for all arts, social sciences, business faculties.

University-Industry Linkages and Technology Transfer

The ORIC promotes public-private partnership to support to link research-innovation-commercialization triangle. Effective cooperation between institutions and industry is for mutual benefit depending upon the nature and ability of both to contribute to each other's activities. Entrepreneurs and business leaders can contribute as mentors and can offer their expertise in development of entrepreneurship courses and subjects aligned with the needs of that specific industry. At national level, we are working in close collaboration with Saffron Pharmaceutical Industries, Ltd, Rafahan Maize Products Ltd., Power Chemicals Ltd., BioTek Ltd, Lahore, Printex Traders, Haris Dyes and Chemicals, Ali Textiles, Ltd., Kausar Processing Ltd., Masood Textiles Ltd., etc. Faculties of Pharmacy, Institute of Home and Food Sciences and Institute of Chemistry have very strong collaborations with many local industries in terms of sharing resources, training manpower and research & development.

Internal and External Linkages

The ORIC has contributed the signing of more than 45 MOUs of GCUF with national and international world-renowned universities. Among national institutes, we have built strong working relationship with higher learning institutions, industries and donor agencies especially NIAB, NIBGE, UAF, HEC, PSF, PARB, PARC, PCSIR and several international organizations including British Council, USDA, JICA, CIDA, to enhance entrepreneurship, academic and research excellence. A brief of linkages is given as under:

- International MoUs: 27
- National Linkages 39
- International Linkages 34
- Industrial Linkage 37

Intellectual Property (IP) Policy and Legal Services

IP Policy creates a supportive environment for the achievement of best practice management in the application and commercialization of IP developed within the institute for the benefit of the people of Pakistan and the world at large. The purpose of this policy will be to clarify how intellectual property is to be managed by the institute. The IP Policy states position in relation to intellectual property and informs on fundamental steps that lead to the proper management, protection and/or commercialization of intellectual property. This policy is to be followed by all faculty members, researchers as well as students and the research and academic institutions with which the institution concerned may enter into agreements. ORIC-GCUF facilitates the faculty providing IP rights and legal services.



Career counseling is one of the most important and vital area in the development of our youth and if done timely it helps them to find the most relevant career choice through which they will not only improve their own career profile but can also contribute to the development of the Pakistan industry and commerce. Alhamdulillah, our leadership has established Career Counseling Center and Chairman HEC; Prof Dr Mukhtar Ahmad with some national dignitaries has inaugurated this center.

Career Counseling & Alumni Association (CCAA) office serves as eternal connection between alumnus and its alma mater. It offers career support for alumni in person, virtually and by phone. It provides vibrant and high quality services through counseling, consultation and designed facilities for learning and well-being of students regarding their career. It connects their interests with their skills for a successful future. Moreover, it connects the outgoing students with the currently enrolled fellows to share their memories and success stories. It arranges Alumni Dinner, Career Seminars, Awareness Drives, Alumni tours, Alumni Sports and Competitions and Workshops.

It works to:

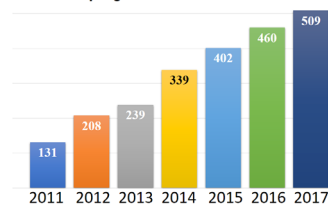
- * To assist students to achieve their dream of jobs by training them for resumes, curriculum vitae, statement of purpose, letters, and interviewing skills.
- * To create a job search and provide its alumnus with jobs, internships and other opportunities.
- * To establish the bond between outgoing students and university to provide them with a platform to share their memories with their fellows and new students
- * To enable students to make enduring, accountable and significant choices in a global and vibrant world
- * To enrich students with leadership qualities to serve the nation enthusiastically.

Staff:

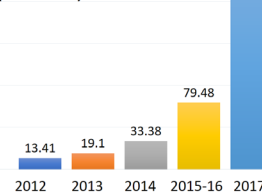
Ms. Sahar Javaid

Manager Career Counselling and Alumni Association

Year-wise progress in Research Publications



Competitive Research Grants won (PKR Million)





Vision

To create the environment for business initiative for sustainable economic growth of the country.

Mission

To enable each person of the society to take responsibility for effective contribution in economic stream of the country. We want to provide complete business support to business starter to reduce the failure chance and increase the success rate through mature mentor-ship program.

Introduction

To enable each person of the society to take responsibility for effective contribution in economic stream of the country. We want to provide complete business support to business starters of Faisalabad to reduce the failure chance and increase the success rate through mature mentor-ship program. BIC GCUF consists of 20 Offices for the business incubants which have all of the basic needs provided for the young entrepreneurs. Not only this, these incubants are trained, guided, nurtured and mentored by the industry professionals and BIC GCUF team in order to provide them best resources and funding opportunities as well. Vice Chancellor Prof. Dr. Muhammad Ali has a clear vision about BIC and its role in society. His nonstop able support makes this BIC team stronger and make them able to work productively.

Events Organized

- 1) Inauguration Ceremony 2016
- 2) Business Idea Competition May 2017
- 3) Training for Selected Winners
- 4) Final Evaluation Day
- 5) Office Allotment Day

In march 2018, Dr. Mohammed Ali (TI) Vice Chancellor of GCUF and Benje Williams Chief Executive Officer of Amal Academy Sign Memorandum of Understanding (MOU) to run Amal Academy's Career-Prep Fellowship. Dr. Mohsin Bashir (Manager Business Incubation Center) facilitate the persons. The Amal Career-Prep Fellowship is a 3-month leadership program, initially funded out of Stanford University, focused on developing the job skills (communication, interviewing, CV writing, etc.) and mindsets (purpose, self-efficacy, etc.) of students entering the job market.

Amal originally launched the Fellowship in collaboration with PEEF, and has now trained over 1,400 fellows (including 50+ GCUF students), over 80% of whom have been able to secure quality jobs within 3 months of completing the fellowship. This collaboration will result in a convenient and consistent venue for students from GCUF and nearby universities to participate in the Fellowship and build skills that will help them towards realizing their potential and achieving their career aspirations.



Vision

To operate and manage the University Estate such that it is clean, comfortable, maintained and sustainable place for students, teaching and non-teaching staff and visitors.

Mission

To deliver high quality estate and support services which fulfil the needs and aspirations of students and staff. We are striving to provide wide range of co-ordinated services to create an environment which supports the University academic mission. Our aim is to maintain and develop a clean and beautiful environment and to provide physical services in a professional, efficient and cost effective manner to enable the University to fulfil its mission.

Staff

Dr. Shahzad Ali Shahid Chatha

Chairman Estate Care (Old Campus)

Mr. Salman Arshad

Chairman Estate Care (New Campus)

Students Financial Aid Office (SFAO)

Ph: 041-9201301
E-mail: sfao@gcuf.edu.pk

Mission

To provide all information, services, and assembling financial resources that are available to and/or needed by students of GC University.

Vision

To make education possible for students who might otherwise be deprived of this higher education opportunity due to inadequate funds and /or previous limited educational opportunities.

Goals

1. Establish essential manual and automated processes to support awarding financial aid in a timely manner.
2. Award financial assistance to qualified students, according to institutional and Govt requirements and with a focus on individual student needs.
3. Establish regular communication flow between the SFAO and the students/parents.
4. Provide individual student/parent assistance in completing necessary applications and managing personal resources as they are needed to augment financial assistance in covering educational expenses.

Financial aid resources are those that are provided by both internal (university and/or endowment funds), governmental (PEEF, Professional Education Internal Merit and District Merit Scholarship) and private agencies or organizations.

Introduction

For smooth implementation of scholarship programs, a separate Student Financial Aid Office (SFAO) was established in Government College University, Faisalabad in collaboration with HEC, Islamabad in 2007.

Ms. Saima Parveen, Assistant Registrar / Incharge SFAO acts as a Focal Person for the distribution of various scholarships offered by HEC and other agencies.

There are number of scholarships available to assist students with their educational expenses on need and merit basis. In addition to the above Financial Aid Committee has been constituted by this University for the evaluation and approval of the applications submitted by the students for financial aid. One window service is also being provided to the students to

avail the scholarship facilities in the Students' Financial Aid Office.

Scholarships available in GCUF

1. Pakistan Scottish Scholarship Scheme (S-3)
2. Prime Minister's Fee Reimbursement Scheme
3. Karwan-e-Illam Foundation
4. Punjab Zakat Department (MORA)
5. District Council Internal Merit Scholarships
6. Pakistan, Bait-ul-Maal
7. Professional Education Foundation (PEF)
8. NBP Student Loan Scheme.
9. Faisalabad Development Trust (FDT)

10. Punjab Educational Endowment Fund (PEEF)

is an initiative of the Government of the Punjab under the leadership and patronage of Mian. Muhammad Shahbaz Sharif, Chief Minister of Punjab. It is established with the objective of providing monetary assistance to talented and needy students.

11. HEC Needs Based Scholarship

Higher Education Commission, Islamabad, is providing Need Based Scholarships like HEC Need Based Merit Scholarship for needy students to the students of Basic Sciences and Social Sciences.

12. Killa Gift Scholarship

The Killa Gift Fund Trust awards scholarships to the students who or whose parents own agricultural land in Faisalabad District.

13. Internal Merit District Scholarship

This is a merit based scholarship offered by the District Education Officers of the concerned Districts from where a student has obtained his/her last educational certificate/degree.

14. Pakistan Bait-ul-Mal

Pakistan Bait-ul-Mal provides funding for the payment of University and Hostel dues to the meritorious and needy students to meet their educational expenses.

15. The Student Advancement Endowment Fund (SAFE)

PEP Foundation made an initial donation to the University to support the principal of SAFE. SAFE account will be utilized only for the sole purpose of awarding scholarships to needy students and for capacity building projects/programs for the direct benefit of students. The funds will be treated as endowment principal money and will not be used for any other purposes under any circumstances.

Students received any other financial assistance/scholarship and admitted on bench fee cant' apply for another scholarship.



Affiliation Cell

Ph: 041-9201292
Email: affiliation@gcuf.edu.pk

The Affiliation Cell deals with the affiliation of colleges (Government/Private) with GCUF; within the jurisdiction of Province of Punjab. The Affiliation Cell makes all type of correspondence with the colleges regarding Affiliation, Registration returns etc. Furthermore, the summaries of visit reports of the Affiliation Committee are processed and notifications of affiliation are issued to the concerned Colleges after approval of the Competent Authority.

The record of Processing/Visit fee, Security Fee, University Share etc. collected from the Affiliated Colleges is maintained in the Affiliation Cell and bank drafts/cheques received in this regard are deposited in the Treasurer's branch.

All matters relating to the Sub-Campuses of Government College University, Faisalabad established at Layyah and Sahiwal are also processed in the Affiliation Cell.

Affiliation Committee

The Affiliation Committee is constituted under the provisions of Government College University, Faisalabad. Ordinance 2002. The Affiliation Committee visits the colleges who want to get them affiliated with Government College University, Faisalabad and submits its report to the Competent Authority regarding infrastructure, faculty, laboratories etc. for the grant of affiliation to the eligible colleges. The following are the members of Affiliation Committee.



Prof. Dr. Nasir Amin
(Chairperson)

Prof. Dr. Farhat Abbas
(Member)

Prof. Dr. Tayyaba Sultana
(Member)

Dr. Abdullah Ijaz Hussain
(Member)

Dr. Abdul Qadir Mushtaq
(Member)

EDO EDUCATION , FAISALABAD
(Member)

Prof. Dr. Haq Nawaz Anwer
(Co-Opted Member)

Muhammad Asif Lateef
(Secretary)

Media Office

Ph: 041-9201038
Email: mediaconsultant@gcuf.edu.pk

Modern era is considered to be the era of Information Technology. In the present epoch, it has become inevitable for any institution to build a good will among its public. Catering to the demands of the present age, Media office of GCUF has been established. It facilitates the internal and external public about the different happenings in the university. The media office aims at portraying to the positive image of the university. It strives to build a close liaison of the university with different media organizations.

The media office plays an important role in the facilitation of media persons for the coverage of different events taken place in the university. The media office issues handouts to media regarding different news stories of the activities in university as per its official policy

Abdul Qadir Mushtaq
Public Relation Officer

Naeem Sarwar Khan
Senior Photographer

Muhammad Asif Hussain
Graphic Designer







Facilities & Services

Facilities & Services

Library

Ph: 041-9201563
Email: library@gcuf.edu.pk

Prof. Dr. Tayyaba Sultana (Coordinator Libraries)

Mission

To achieve excellence in the provision and promotion of information services to meet the research, teaching and learning needs of the University.

Goals

To promote intellectual growth and creativity by developing collections, facilitating access to information resources, teaching the effective use of information resources and critical evaluation skills and offering research assistance by providing excellent service to students and faculty that will advance each user's learning, teaching, and research experience at the Government College University Faisalabad

Introduction

The University Libraries act as a gateway to information and knowledge and are engaged in learning and discovery as essential participants in the educational community. These help to develop, organize, provide access to and preserve materials to meet the needs of present and future generations of students and scholars. These provide well-equipped and functional physical spaces where students can pursue independent learning and discovery outside the classroom.

Collections

The GCUF Libraries have about 93,400 books (volumes) and 5000 thesis in well organized manners consisting of rare editions, reference volumes, critical guides, latest releases, large collection of research journals, periodicals, magazines etc. and daily newspapers. We subscribe competitive journals from all over the world to meet the needs of students, faculty members and researchers. These libraries always welcome the students and teachers of the other educational institutions of the city with the permission of the competent authority.

Organization of Materials

Dewey decimal classification scheme is being used for the classification of books. Anglo American Cataloging Rules (AACRII) is followed in the cataloging process. Online cataloging process of the library material is in progress and the catalogue of about 51,700/ books is available online. Most of the Libraries have open shelf system and users have



free access to the library materials. Computers with access to library resources and the Internet facility are available in all the libraries. Research access is available to all university community in the form of catalogs, licensed library resources and websites. The rules and regulations of the library use are available on the University website.

Lincoln Corner Faisalabad, a joint venture of U. S. Consulate General, Lahore and GCUF was inaugurated by Richard Olson, American Ambassador in Pakistan, on 21/01/2014 with the objectives of promoting cultural harmony, imparting quality education and developing reading culture in the youth of the city. The Corner is a great source for current, accurate and authoritative information about the United States--its people, culture, history, policies, government and institutions. Furthermore, the Space promotes learning and dialogue by conducting weekly activities and programs based on five core areas: English Language Learning, Education USA Advising, Alumni Support, Cultural Programming, and Information about America. The Center has the following resources and services.

1. Latest books and magazines
2. eLibrary USA
3. Online Education and Research Resources
4. High Speed Internet & Comfy Space
5. English language classes
6. Movie-screenings, Webinars and Skype lectures
7. Cultural programs and Art and craft classes
8. Fulbright and GRE orientations
9. CSS Club and IEEE lectures and Tech talks
10. CF Friends of Corner Group

Name of Libraries

1. Main Library (H-Block)
2. Main Library (New)
3. Basic Sciences Library
4. Education Departmental Library
5. Engineering and Computer Science Division Library
6. Art & Design Departmental Library
7. Geography Departmental Library
8. Law Departmental Library
9. Pharmacy Departmental Library
10. Psychology Departmental Library
11. Quaid-e-Azam Block Library
12. University Community College Library
13. Zoology Departmental Library

Library Staff

Mr. Sakhawat Ali
Lecturer/Sr.Librarian

Mr. Muhammad Tariq Latif
Sr. Librarian

Mr. Muhammad Ashfaq
Sr. Librarian

Miss Anila Shamim
Sr. Librarian



Mission

To provide, maintain and manage the IT infrastructure of the University and Sub-Campuses and to facilitate all the departments in educational and training activities relevant to Information Technology. The following facilities are available at the campus

Campus Management Solution

Designed to promote paperless university administration. It is unique and comprehensive software. Its features allow users to maintain academic history of students with complete transparency in records and provides a medium for teachers, staff and administration to work in harmony.

- Admin Portal
- Dean, Chairperson & Faculty Portal
- Student Portal
- Examination Portal
- Registration Portal
- Hall Council Portal
- Distance Learning Education Portal
- Layyah & Sahiwal Subcampus Portal
- Fee Portal
- DSA Portal
- Online Admission, Attendance, Results

- Online Salary Slips
- University Community College Portal
- Affiliated Colleges Portal
- Student & Faculty ID Cards Printing

Video Conferencing

The University Video Conferencing provides the facility to take online lectures, seminars, conferences, thesis defence from both national and international universities.

Digital Library

To facilitate research in the University, HEC has provided access to digital libraries. A programme has been formulated to provide researchers and students with access to latest, authentic literature from high quality journals, database and articles covering a wide range of disciplines.

Digital Book Bank (dl.gcuf.edu.pk)

The University digital book bank is developed through the sole effort of University's IT Services Department. It contains over 25000 e-books for different fields of interest, downloadable software and virtual lectures videos.

Wireless and Wired Internet Facility

The University has the credit of being the first university using hi-end intelligent Wi-Fi system. The wireless setup comprises modern state of the art technology which is both robust and resilient. The IT Services Department provides 24/7 internet access.

Future Plan

With the kind directions of worthy Vice Chancellor, IT Services has planned to establish state of the art Data Centre, Video Conference Halls along with complete IT infrastructure at New Campus GCUF which will enable all the academic and administration to utilize the IT Services. A contract between PERN, HEC and GCUF has been signed to provide internet connectivity at new campus.

Staff

| | |
|----------------------------|-----------------------|
| Mr. Abdul Qaddus | IT Manager |
| Mr. Moeen Qureshi | Network Administrator |
| Mr. Karim Jawad | Lab Engineer |
| Mr. Mohsin Ali | Network Engineer |
| Mr. Muhammad Usman | Computer Programmer |
| Mr. Asad Ali | Assistant |
| Mr. Waqas Khurshid | Technician |
| Mr. Muhammad Saleem | Technician |
| Mr. Nadeem Riaz | Technician |

Facilities & Services

Hall Council

Mission

To provide the secure, peaceful and healthy life style living to the students.

Introduction

Presently university Hall Council consists of eleven girls hostels, three situated in the main Campus and eight in new campus, having residential capacity of about 3600 students. Keeping in view, the growing demand of accommodation, for the students coming from far-flung areas, construction of two more hostels was planned in the new campus. These are under completion and with this an additional capacity of 800 students will be available at the strength of Hall Council at the end of this year. Students getting admission this year will definitely reside in these new hostels.

Almost fifty percent of the girl students of the university belong to different areas which are far from Faisalabad. Parents of these students always seek secure and peaceful residence for their daughters. Understanding this need of the hour university has planned another project of Four hostels for the girls that will be completed in next year. In this way we will be able to accommodate maximum of our girl students coming from far flung areas to quench their thirst of knowledge.

Admission Process

Admission of students in the hostels is purely on merit and here merit means the distance of their home district from Government College University, Faisalabad. Student at the time of applying for online admission; must give mention consent for hostel admission. After securing her admission, an application has to be submitted on printed Admission form duly recommended by chairperson/incharge department concerned in the office of Hall Warden. Admission form may be obtained from the same office with the deposit of Rs. 300. One Assistant superintendent and one superintendent hostel is being appointed from the regular female faculty of GCUF in each hostel, who reside in the respective hostel with the students to look after them and facilitate in various matters. All hostels are provided with the facility of Mess, run by the committee of students itself under the supervisory control of Superintendent and Hall warden. Facility of Generator and internet connection is also provided to the students' for their smooth study and research work. In case of medical emergency students are

rushed to nearby hospitals, the university ambulance facility is available all time. Round the clock security guards are standing on the gate for the protection of students.

Students residing in the hostels have to strictly follow the rules and regulations made by Hall Council office. All the dues have to be paid in time. If any student is found in violation of any disciplinary or financial rules, her admission may be cancelled by Chairperson Hall Council with confiscation of all types of deposited security if required.

Hall Council I (Main Campus)

Dr. Shazia Anwar Bukhari, Hall Warden
Ms. Ramiza Khalid, Superintendent, Ayasha Hall
Ms. Noreen Akhtar, Assistant Superintendent, Ayasha Hall
Dr. Samreen Gul Khan, Federal Hall

Hall Council II (New Campus)

Dr. Asma Ghulam Rasool, Hall Warden
Ms. Aneela Azhar, Superintendent, Fatima Hall
Ms. Arooj Muzammil Asstant Superintendent, Fatima Hall
Ms. Ambreen Zainab, Superintendent, Aamna Hall,
Ms. Saira Manzoor, Assistant Superintendent, Aamna Hall
Ms. Fozia Gillani, Superintendent, Hajra Hall
Dr. Nazia Malik, Superintendent, Zainab Hall
Ms. Iqra Ayub, Assistant Superintendent, Zainab Hall

Hall Council III (New Campus)

Prof. Dr. Sofia Anwar Hall Warden
Dr. Ayesha Nudrat Akram, Superintendent Rabia Hall
Dr. Sarosh Iqbal, Suprentendent Maria Hall
Dr. Adeela Yasmin, Superintendent Ruqya Hall
Dr. Abida Parveen, Superintendent Marryam Hall



Transport

Ph: 041-9200157
Email: transport@gcuf.edu.pk



The University runs a fleet of buses for facilitating students to commute between different campuses of the university and from campus around the city. All buses are deluxe and high capacity. Students can board a bus after showing the bus pass to the bus in-charge, which is issued to him/her in advance. Transport facility is allotted on semester basis for students admitted for regular programme for the duration of regular academic session. It is generally not provided after the end of academic session for any purpose like summer school/ reappear examination/ make up examination/PEP classes etc. Normally timings for University Bus to arrive at the University Campus is 7:45 a.m. and departure (Morning at 2:00 pm, Evening at 5:30 pm) unless otherwise announced by the University.

All rights of permission to avail the transport facility are reserved with the University and can be denied to any student. No student is entitled to claim this facility as a matter of right. Transport facility is be allotted on First Come First Serve basis. Routes and pick up points are indicative and are subject to change from time to time.



Health Services



The Medical Health Centre provides first aid and outdoor medical facilities to the students. The outdoor medicines are also provided to the students and emergency cases are referred to Allied Hospital and DHQ hospital on University Ambulance. The staff members of the university are also facilitated at Health Centre in routine and emergency cases. The University provides the services to refer the University employees for outdoor and indoor medical treatment from Government / Private Hospitals on the panel of the university. The outdoor and indoor medical re-imbusement facility is also provided through the Medical Health Centre under the supervision of the Medical Re-imbusement Committee. The Medical Health Care Centre provides first aid facilities to university athletes during university games. The Medical Health Care Centre also provides health facilities in new campus of the university. The health care centre also provides scholarship facility & rehabilitating facilities to disable students of the university. Furthermore, University Health Centre has also honoured to provide medical facility in flood disaster areas i.e. District Chiniot, District Jhang, Head Treemo and Athara Hazari on the direction of The Worthy Vice Chancellor.

Staff

Dr. Muhammad Afzal
Dr. Misbah Ishtiaq
Dr. Muhammad Salman
Dr. Sadaf Muneer

Deputy Chief Medical Officer
Senior Woman Medical Officer
Medical Officer
Woman Medical Officer

Security



The primary function of the security staff is maintaining law and order in the university campus. Security staff also ensures safety of university property. The security guards also assist Directorate of Student Affairs in dealing with the issues arising out of the violation of university code of conduct. It is all due to the untiring efforts of the Chief Security Officer and his staff that university is successfully maintaining discipline since GCUF is a crowded campus of over 39000 students of various academic disciplines. Government of Punjab has shown serious concerns over the security measures in the educational institutions, specially catering to very long number of students. In this regard university security committee, comprising of senior faculty and administrations members was developed. Different security measures like raising of the boundary walls, construction of OPs, Appointment of retired army personnel's as security guards, purchase of new weapons, installation of barriers and electronic walk through gates have been adopted.

Staff

Prof. Dr. Hazoor Muhammad Sabir
Chairman Campus Security Committee

Mr. Muhammad Aslam Malik
Securit Officer Main Campus

Mr. Syed Safdar Ali Shah
Securit Officer New Campus

Facilities & Services

Masajid



Banks



Auditorium



Canteens



Day Care Center



Post Office



Directorates

Directorate of Academics

Dr. Salma Sultana (Director)
Email: diracad@gcuf.edu.pk



Mission

To develop and improve the academic activities and curriculum through managing academic calendars and academic services.

Introduction

Higher Education Commission is the major authority in Pakistan for the provision of guidelines in development of curriculum in line with international standards and national needs. It also guides to establish minimum standards for quality assurance, research and intellectual property rights.

Government College University Faisalabad is striving hard for promotion of standard of education and research culture. To achieve this cherished goal, various offices have been developed in the University. Directorate of Academics was established in 2010 in line with the guideline of HEC to streamline and improve academic activities at the University.

Main Tasks

The office of the directorate is performing different activities to strengthen the academia by promoting the educational activities. Main tasks of the office are:

- To develop academic calendars to regulate the academic work plan and event calendars to strengthen University conferences, seminars and important events.
- To evaluate and improve curriculum of all programs to bring them at par with national and international standards.
- To bring the uniformity in course codes and credit hours.

- To improve teachers communication skills and teaching methods through capacity building programs.
- Coordinate with academic departments (HODs) in sharing faculty, educational and instructional ideas.
- To suggest academic programs in line with international and nation market needs, also initiate joint degree programs among different programs.

Future Vision

In near future, the office will also be responsible for managing and directing for academic services which enable academics and students to achieve the highest standards in learning and research in support of the strategic development of the University.

Mentors

The following faculty members contributed in the development of this office:

Dr. M. Zubair Siddiqui (Late)
Dr. Farhat Abbas
Dr. Zahira Batool

Directorate of Undergraduate Studies

Ph: 041-9200584
Email: dugs@gcuf.edu.pk

The Directorate of Undergraduate Studies (DUS) was established in 2012 in order to maintain the complete record of undergraduate students from admission till completion of degrees. Since then, the Directorate is maintaining the record file of every individual student admitted in undergraduate programs. The Directorate has also the responsibility to facilitate the students in their academic issues i.e. enrollment, re-enrollment, freezing, de-freezing and other relevant academic matters during the course of studies.

The goal of the Directorate is to help students achieve academic success by providing extensive academic advising services as well as coordinating advising support throughout the university. Accordingly, the Directorate works with faculty to establish and administer academic policies, assist with undergraduate curriculum development and review, and support proposals for new and revised undergraduate programs and courses through the various approval processes. The Directorate is also responsible for assisting undecided students with degree and career planning.

Staff

Dr. Zahed Mahmood
Ms. Shabnoor Iqbal
Mr. Ali Raza
Mr. Nasir Razzaq
Mr. Ashraf

Director
Teaching Assistant
Computer Operator (DPL)
Daftri (DPL)
Naib Qasid (DPL)

Mentors

The following faculty members contributed in the development of this office

Prof. Dr. Sofia Anwar
Dr. Hidayat Rasool
Dr. Muhammad Iqbal
Dr. Shafqat Hussain



Directorate of Advanced Studies

Ph: 041-9200431
Email: das@gcuf.edu.pk

The Directorate of Advanced Studies has been established to stream line the functioning of different programmes that have been either already launched at all academic disciplines or to be launched in near future. This Directorate has been given the mandate to facilitate all the graduate and post-graduate students for their admission, enrollment, approval of supervisory committees, approval of synopsis, approval and organization of defense of synopsis and thesis.

The Directorate of Advanced studies has also been entrusted with the task to prepare and recommend new rules and procedures to further strengthen and improve the academic discipline in the light of different directives and precedents of Higher Education Commission (HEC) of Pakistan. This Directorate is striving hard and burning mid night oil for achieving excellence and ensuring authenticity, transparency, competitiveness and timely completion of all degree programmes within the stipulated period. We are confident, optimistic and sincerely hope that the incoming students for higher studies in GC University, Faisalabad shall find pleasant and learning environment at the campus and shall also find their alma mater quite conducive and helpful for completing their study work and doing post-graduate research work.



Dr. Ghulam Shamas-ur-Rehman

Director

Muhammad Junaid Khan

Junior Clerk

Atif Saleem

Deputy Director

Sarfaz Khan

Data Entry Operator

Muhammad Mustafa

Assistant Director

Muhammad Safder

Naib Qasid

Abrar Hussain Shah

Teaching Assistant

Directorate of Medical Science

Ph: 041-9200876
Email: dms@gcuf.edu.pk

VISION

Educate, train quality induced health professionals and promote medical education at undergraduate, graduate and post graduate level to fill the gap in Public Sector University.

Mission

To promote and enhance quality health services at community level in Faisalabad.

1. College of Allied Health Professionals
2. College of Physical Therapy
3. Department of Eastern Medicine
4. College of Public Health



Mission

To enhance, maintain and monitor the quality of higher education in the university.

Introduction

Quality Enhancement Cell (QEC) is established under the guidelines of HEC for the purpose of enhancing, maintaining and monitoring the quality of higher education. Government College, University Faisalabad is among those pioneer universities in Pakistan who established QEC in 2006. The Higher Education Commission issued directions for the establishment of QEC on Oct. 16, 2006. Hence, in October 2006, Government College, University Faisalabad constituted the cell according to the guidelines

Vision of Quality Enhancement Cell, Government College University, Faisalabad is to be a benchmark in Quality of Research Education among HEC Recognized Universities, thus to cope with the vision, following are the worth-meaning activities held in year 2017-18:

1. The Quality Enhancement Cell, Government College University, Faisalabad conducted one day workshop on Quality Assurance "Minimum Quality Standards (MQS)" on November 16, 2017 with collaboration of Ali Fatima College of Science & Management.
2. The Institutional Performance Evaluation of the sub-campuses by the HEC was conducted by QEC on September 2017.
3. The Quality Enhancement Cell, Government College University, Faisalabad organized a meeting with Program Teams (PTs) of the thirty (30) departments of the University on March 19, 2018 at Sufi Barkat Hall regarding initiative of Self Assessment Program in thirty more departments.
4. Director QEC attended two days meeting regarding Progress Review of QEC at HEC on 21-22 March, 2018



5. The QEC conducted M. Phil & PhD Program Review of all departments of the University from May 10, 2018 to May 16, 2018.
6. The Institutional Performance Evaluation (IPE) was conducted by QEC from May 16 to 18, 2018.
7. The membership of the three International Quality Networks has been acquired by the Quality Enhancement Cell, Government College University, Faisalabad.

Staff

| | |
|----------------------|----------------------|
| Dr. Babak Mahmood | Director QEC |
| Dr. Muhammad Nawaz | Deputy Director QEC |
| Ms. Tahira Rashid | Coordinator QEC |
| Mr. Fazal-ur-Rehman | Coordinator QEC |
| Mr. M. Saleem Khalid | (Data Analyst) |
| Ms. Arzo Liaqat | (Research Assistant) |
| Ms. Sozia Atta | (Computer Operator) |

Directorate of Planning & Development

Ph: 041-9201417
Email: dir.pnd@gcuf.edu.pk

Project Management Unit

The Directorate of Planning and Development was formally established in 2006. Since its establishment this directorate is striving to make this institute a state of the art university. All development plans are prepared by this Directorate after needs assessment and consultation of consultants as well as end users. These plans are submitted to funding agencies like HEC, HED, MPA/MNA's grants, Alumni and own sources for administrative approval. This directorate has prepared many PC-1s, business plan of the university, PSDP, PC-IVs etc. Since its establishment the PC-1s of about more than Rs. 10.00 billion have been prepared and out of these development projects of about Rs. 4.00 billion have been approved and executed. The Campus Construction Committee (CCC) is the Apex body and final authority for administrative approval and technical sanction of all development projects at the University level. This directorate under the dynamic supervision of the worthy Vice Chancellor has been able to get approval of different projects with a capital cost of about Rs. 2587.00 million in the financial year 2015-16 for development of New Campus and establishment of three sub-campuses one at Toba Tek Singh, second at Chiniot and third at Jaranwala. A project "Development of New Campus Phase-II" with a capital cost of Rs:794.71 million and another project of Chiniot Campus with a capital cost of Rs: 1676.561 millions has been approved from HEC in 2017-2018.



Prof. Dr. Haq Nawaz Anwar
Eng. Ajaz ul Hassan
Mr. Muhammad Afzal
Mr. Muhammad Zubair
Ms. Areeba Ashfaq
Ms. Muhammad Faisal

Director (P&D)
Project Director
University Engineer
Assistant Engineer (Civil)
Assistant Engineer (Electrical)
SDO (Electrical)

Directorate of Procurement and Inventory Control

Ph: 041-92001030
Email: dpic@gcuf.edu.pk

Mission

To provide services adding value and improvement in support of GCUF success. The procurement team is committed to acting, in accordance with best practices, as a leader among service providers, recognized for innovative and high-quality, cost-effective approaches to meeting and exceeding our organization.

DPIC is interested to maintain the record of inventory in GCUF and make purchase of all kinds required by various offices of under the PEPPA rules.

Staff

Mr. Mazhar Waseem
Officer Incharge

Mr. Mahmood-ul-Hassan
AAO

Mr. Fahad Nazir
Assistant

Mr. Rana Sufian
Assistant

Sakhawat Ali
Store Keeper

Anwar Ali

Fateh Sher

Khalil Ahmad

Babar Ali



Directorate of Students' Affairs (DSA), GCUF instills the spirit of confidence and enhances self-esteem among students. It aims at showcasing and pruning the personal as well as social traits of students through a range of Co curricular activities. Moreover, it inculcates team work and leadership qualities by enabling them to keep pace with changing dynamics of national and global perspectives. It broadens their vision and widens their approach towards knowledge, understanding and management. Furthermore, it sharpens their theoretical, analytical and practical abilities. The prime focus is not only upon the active participation of students but also on providing them with the platform to express themselves through workshops, seminars, competitions, awareness drives, lectures, festivals and conferences which ultimately lead to character building of the students. The directorate also caters to financial assistance of deserving students based on meritocracy. In addition to all this, DSA works hard for the maintenance of discipline in all the functions i.e. conferences, seminars, workshops, convocations and celebrations along with the day to day matters of the University. DSA is running several functional societies under its wide umbrella.

1. Jinnah Debating Society

Jinnah debating Society, GCUF is intended to promote and improve the art of speech and debate among students. Workshops and seminars are organized to improve speaking skills of students, build their strength and confidence level. Jinnah Debating Society Secured more than 70 positions in All Pakistan Debate and Declamation contests in academic year 2017-18.

2. Abdul Rauf Khalid videography Society

Abdul Rauf Khalid Videography Society, Government College University, Faisalabad has been working in university to simultaneously promote the art of video creation, on camera acting among students and encourage the young actors and film-makers to share a message innovatively in the form of short films, documentaries, music videos and advertisements. ARK Videography society represented and won number of All Pakistan videography competitions.

3. Abdul Sattar Edhi Blood Donation Society, GCUF

The society is intended to help the students and employees of GCUF by ensuring the provision of blood in the hour of need.

Many blood donations camps and seminars have been arranged under the society. The purpose is to spread awareness about the importance of saving a life by donating blood, as we believe that no deed is better than saving a life.

4. Manzoor Ul Kaunain Naat and Qiraat Society

This society represented University not only in Naat and Qiraat Competitions but also contributed actively in organizing relevant religious activities in the University. This society secured many positions at Inter-University and Chief Minister's Competitions divisional level & provincial level.

5. Dramatics and Performing Arts Society, GCUF

Dramatics and Performing Arts Society, participated in different expos, cultural festivals and competitions by presenting Dramas and Mimes and won valuable prizes. The purpose of society is to impart self-confidence in students. This society focuses on the projection of intra-inter communal tolerance and harmony through the different performances and scripts.

6. Rover Scouts Society, GCUF

Rover Scouts Society is contributing efficiently in training the students of Government College University Faisalabad for scouting and other relevant welfare activities. Scouts participated in Desert Hike, Snow Hike, Inter University Championship and Punjab rover moot. Moreover, 32 scouts were trained for leader course and 3 scouts for advance leader course.

7. Nusrat Fateh Ali Khan Music Society, GCUF

Nusrat Fateh Ali Khan Music Society is working for the enrichment of performing arts like sufi and folk music among the students to make them more peaceful and responsible members of society.

8. Writer's Club, GCUF

Writer's club enables students to express themselves through writing. It polishes their hidden skills to keep them working with the new challenges in the field of Writing.

9. Culinary Society, GCUF

Culinary Society, GCUF has been mastering the students regarding cooking and baking since years. It has been encouraging them to invent different ways of preserving food for a long time.

10. Horticulture Society, GCUF

Promotes the relationship of human beings with nature. They arranged many activities related to Flower exhibition and arrangement.

11. Institute of electronics & electrical Engineering (IEEE)

Institute of electronics & electrical Engineering is an international society of engineers with its headquarter in New York. IEEE-GCUF is a student branch with the aim of creating awareness among the students about the latest trends in technology.

12. Beaconite Quiz Society

Beaconite Quiz Society provides a viable forum for students to discuss and share national and international happenings. It induces among students prevalent trends in politics, art, socio-economic sphere, culture as well as religion and history. Through different programmes ranging from quiz competitions, celebration of national days to conducting seminars and awareness moots at intra university, inter universities and national levels, BQS instils confidence, knowledge, leadership and organizational skills among young leaders of tomorrow to help them excel and shine at the face of changing dynamics of contemporary globalized world.

13. GCUF Adventure Club

Adventure club has mission to improve the talent and personality of the students through activities like camping, hiking, trekking and travelling. These activities educate the students in discipline, team work, social tolerance, sense of sacrifice and service to humanity.

14. Society of Art & Design

Society of Art & Design, Government College University, Faisalabad is providing the opportunity to the students of the University to participate in the Fashion Show, Photography, Handicraft and Painting, which helps the students to build up their Personality and to improve their confidence. The University has won different Prizes and medals in competitions with other Universities at National level.



Directorates

Directorate of Sports

Ph: 041-9201228
Email: directorsports@gcuf.edu.pk

Introduction

The Directorate of Sports was established on 23-Oct, 2003, when the Govt. College Faisalabad, was granted the status of GC University, Faisalabad. It has produced eminent professional players like, Mr. Shahbaz Senior, best Hockey player of the World.

Mission

Close Collaboration and healthy competitions within the Departments of the University and participation of GCUF Sports team in All Pakistan Inter-Varsity Sports Competitions, under the auspicious of Higher Education Commission Islamabad, to promote Sports activities at various levels.

Objectives

- To provide National and International Players for promotion of Sports at University and National Level.
- Capacity Building of Players both Male and Female.
- Organize Training Programs for students, separately for Male and Female Players.
- The awards of Cash Prizes and Sports Scholarships to encourage the budding student players, who win medals at Inter-Varsity and National Championships.
- Create healthy environment in the campus through Sports activities.
- Organize Sports Competitions among the Departments and award the Certificates and Trophies to the Position holder players.

Participation at HEC Competition

Male Games

Cricket, Foot Ball, Hockey, Volley Ball, Basket Ball, Hand Ball, Kabaddi, Athletics, Rifle Shootings, Wrestling, Tug of War, Chess and weight lifting.

Female Games

Cricket, Foot Ball, Hockey, Volley Ball, Basket Ball, Hand Ball, Athletics, Rifle Shootings, Wushu, Taekwondo, Karate, Judo, Jujitsu, Table Tennis, Badminton, Net Ball, Cycling, Squash, Chess and Tennis.

Directorate of Sports

Prof. Dr. Nasir Amin
Mr. Muhammad Rafique Wahla
Mr. Ishfaq Ali
Mr. Aamir Nawaz
Mr. Muhammad Shabbir Dalaver
Mr. Nadeem Ahmad Khan
Mr. Imran Ullah Khan
Mr. Muhammad Latif
Ms. Nabila Kauser
Mr. Noor Nabi
Mr. Aamir Masood Sahi
Mr. Mubashar Khan
Mr. Hafiz Rehan Anwar

Chairman Sports Board
Director Sports
Assistant Director Sports
Lecturer, PE&SS
Senior Clerk
Hockey Coach
Basket Ball Coach
Foot Ball Coach
Female Coach
Cricket Coach
Hockey Coach
Athletics Coach
Sports Trainer





Vision

To provide commendable role model in academics, professionalism, operations and service by using innovative technologies and methodologies by ensuring convergence of existing systems for massive human resource required for promoting integrated national development and global understanding.

Mission

To utilize effective technologies to provide affordable, accessible, learning opportunities for those students; who because of time, geographic, or other constraints can not attend traditional, on-site classes.

Introduction

The Distance Education has evolved as an alternative to the formal system of education after an increasing realization that it is not perfectly coping with the educational needs and demands of the rapidly growing population. The demand for education in Pakistan through formal system has consistently run ahead of resources owing to the bulk of their population, therefore, remains educationally defined, and there are failing the demand in formal system, the need of non-formal

education in various disciplines becomes evident in concept of distance education. The distance education help to:

1. Cope with the rapid increasing demand of education,
2. Provide mass education at reasonable and low costs,
3. Acquire education at any stage of their life and,
4. Boost up the professional development of working people on their job place.

Objectives

The main objectives of Distance Learning Education are to:

- Enhance the teaching and learning process through the use of educational technologies.
- Support and train faculty, staff, and students in the use of distance education technologies.
- Assist faculty in the development and delivery of courses at a distance.
- Develop and maintain partnerships with other educational institutions.

- Identify and provide access to courses and programs needed in the industry.
- Enhance professional development of working people on their job place

Staff

Dr. Babak Mahmood
Mr. Shahid Munir
Ms. Samreen Tariq
Mr. Nasir Jamil
Mr. Rana Tajammal Rashid
Ms. Farah Rasul
Mr. Nazir Ahmad
Mr. Asif Ali
Mr. Mahmood Khalid
Mr. Zia-ul-Haq
Mr. Usman Qadir
Mr. Sohail Ashraf

Director
Lecturer
Lecturer
Computer Programmer
Assistant Registrar
Teaching Assistant
Senior Clerk
Junior Clerk
Office Attendant
Office Attendant
Data Entry Operator
Data Entry Operator





RULES

A decorative flourish consisting of a horizontal line with three circular motifs in the center, flanked by symmetrical, leaf-like shapes.

RULES AND REGULATIONS UNDER SEMESTER SYSTEM FOR UNDERGRADUATE, GRADUATE & POST GRADUATE PROGRAMS

PREAMBLE & OBJECTIVE

The Government College University, Faisalabad (GCUF) was established under the Government College University, Faisalabad Ordinance by Government of the Punjab in 2002. The University is offering Undergraduate, Graduate and Postgraduate programs in various disciplines following semester system. The present document describes Rules and Regulations governing the Semester System, examinations as well as promotion.

1. SHORT TITLE EXTENT COMMENCEMENT & APPLICATION

- 1.1 These rules may be called Government College University Faisalabad Semester Rules for Undergraduate, Graduate & Postgraduate programs.
- 1.2 It extends to the all programs in whole University, Sub-Campuses and Affiliated Colleges.
- 1.3 It shall come into force with effect from Fall Semester 2018-19.

2. DEFINITIONS

- (i) "Academic Year" An Academic Year runs from September to August. There are two regular semesters (Fall and Spring) and one summer semester in it.
- (ii) "Board of Studies" means the Board of Studies (BoS) of the concerned Department of the University. The BoS is responsible for approving the coursework and plan of study of the relevant academic program.
- (iii) "Chairperson or Chairman" means the Head of the concerned Department of the University.
- (iv) "Coordinator" of a department means an academic staff member, who keeps the academic record, coordinates the educational and examination-related activities of the concerned department.
- (v) "CGPA" is the Cumulative Grade Point Average for the semesters.
- (vi) "College" means the constituent or Affiliated College of the University.
- (vii) "Comprehensive Examination" means an examination or assessment at Postgraduate level to evaluate the overall academic ability of a candidate.
- (viii) "Controller" means the Controller of Examinations of the University.
- (ix) "Coursework" is the mode of a program of studies, whereby, the candidate is required to follow instructions as prescribed in the form of lectures, academics, examinations, assignments, projects etc.
- (x) "Credit Hour" means one lecture hour and two to three hours of practical work per week for sixteen weeks in regular semester.
- (xi) "Dean" means the Chairperson of the Board of Faculty.
- (xii) "Degree" means a document awarded 'by the University to a candidate who has fulfilled the requirements for Undergraduate or Graduate or Postgraduate program.
- (xiii) "Department / Institute / Centre / School" means the concerned Department of the University.
- (xiv) "Director" means the Head of an Institute/Centre/School of the University.
- (xv) "Examination" means any form of evaluation to assess a candidate's performance.
- (xvi) "External Examiner" means a person from outside the University having suitable qualification and experience in the relevant discipline. He/she should have not taught the subject in any class / section for which examination is being held.
- (xvii) "Final Examination" means the examination held at the end of the semester upon completion of the study period of each semester.
- (xviii) "GPA" stands for Grade Point Average ranging from 0 to 4.0.
- (xix) "Grades" the letters or points awarded to the students on the basis of the earned score
- (xx) "I-Grade" means the Incomplete Grade.
- (xxi) "Improve" means a course taken to improve the grade already scored.
- (xxii) "Internal Examiner" means a person teaching a course for which the examination is being held, and a faculty member (Supervisor or Member) appointed by the University to evaluate the performance of a Graduate and Postgraduate candidate.
- (xxiii) "Mid-term Examination" means the evaluation to be held during the course of the semester. Midterm will be held after completing 8 weeks of studies.



- (xxiv) "Program" means a program of studies offered by the University, such as Graduate / Postgraduate Degrees / any other Diploma and Certification.
- (xxv) "Repeat" means a course taken again after failing in first attempt.
- (xxvi) "Special Examination" means a chance given to the students on medical/emergency grounds in lieu of the scheduled examination.
- (xxvii) "Semester" means a period of academic activities, normally 18 weeks including sixteen weeks of instruction, and two weeks of examinations.
- (xxviii) "Student" means a person enrolled in an academic program of the University as per prescribed procedures.
- (xxix) "Subject" means a course of studies as prescribed in the detailed syllabi.
- (xxx) "Summer Semester" means a period of academic activities, of 8 to 10 weeks including enrollment, teaching and examination.
- (xxxi) "Supervisor" means a person appointed by the University to supervise the candidate's research for thesis / report / Project till final completion.
- (xxxii) "Syllabi" means syllabi of the concerned discipline approved by the Statutory Bodies such as BoS, ASRB, Academic Council of the University.
- (xxxiii) "Thesis" is an academic composition based on research work presented by a candidate as a requirement of Graduate and Postgraduate Degree program.
- (xxxiv) "W-Grade" means withdrawn course that will not be counted in GPA calculation.

3. ADMISSION CRITERIA

All the admissions will be made according to the admission policy given in the prospectus.

4. DURATION OF SEMESTER FOR REGULAR / DISTANCE LEARNING EDUCATION

There shall be 2 semesters (Fall and Spring) of 18 weeks each in an Academic Year, followed by a summer semester of 8 to 10 weeks. The commencement of semesters shall be regulated by the Academic Council.

(Explanation: Out of 18 weeks of a semester, 16 weeks shall be actual teaching time; the rest may be utilized for enrollment, conduct of examinations and declaration of results, etc. and likewise Out of 10 weeks of a Summer semester, 08 weeks shall be actual teaching time; the rest 02 weeks may be utilized for enrollment, conduct of examinations and declaration of results, etc.).

5. DURATION OF SEMESTER FOR WEEKEND PROGRAM

1. There shall be total 26 weeks in each semester.

- | | |
|---|--|
| a. Teaching Contact Weeks & Mid-Term Examinations | 22 Weeks (The Mid-term examinations will be scheduled by the respective department). |
| b. Final Term Examination | 02 Weeks |
| c. Result Submission | 01 Week |
| d. Enrollment for next Semester | 01 Week |

2. Credit Hours will be offered according to the scheme of studies, with following limit.

- | | |
|---------------|--------------------|
| BS / MA / MSc | 12-18 Credit Hours |
| MS / MPhil | 09-12 Credit Hours |

For the enrollment of credit hours excess or less than the prescribed, special permission may be provided by the competent authority on the request of student duly recommended by the respective chairperson and Dean.

6. TRANSFER OF CREDIT HOURS/MIGRATION

- 6.1 Credit hours may only be transferred between HEC Recognized Universities (main campus), This Facility will not be provided to any sub-campus of the Public Sector University or any Affiliated College.
- 6.2 Migration shall be allowed only after successful completion of one Academic Year, having CGPA 3.00 out of 4.00,
- 6.3 Only 50% of total credit hours shall be transferred in a program. However in MS/MPhil & PhD programs all credit hour studied will be transferred, subject To 6.4 & 6.5.
- 6.4 Credits are transferred on course to course basis i.e. a person taking course A at University X is allowed to transfer his/her credits to University Y provided that course A is equivalent to course B taught at the Y University. Credits of a course passed in "D" grade will not be transferred and counted in calculation of total credit hours.
- 6.5 The percentage of the students in the courses which were passed from the parent University will be considered at the minimum percentage of the respective grade

of this University in the GPA/ CGPA i.e. 'A' grade=80%, 'B' grade = 65% and 'C' grade= 50% (irrespective of his/ her percentage acquired at parent University while granting migration) and this practice will be continued in future migration cases on the recommendations of Equivalence Committee provided that:

- (i) The contents of the course(s) for which credit is claimed, are identical/ similar to the course in new planned course work.
- (ii) The course for which credit is claimed has not been used for any other degree.
- (iii) A course studied to qualify a degree will not be taken/ considered for any other and higher degree program.
- (iv) Credit earned for a course shall laps on the expiry of five years for regular student and seven years for part time student from the end of the semester in which the course was qualified. The Dean/Coordinator may revalidate the lapsed courses for special reasons to be recorded.

6.6 Higher Education Institutes are at liberty to enroll students (if they fulfill their criteria) for any semester or for any single class and issue the students a transcript for the courses completed.

7. COURSE OF STUDY

7.1 All courses will be designated appropriate three digit course code numbers and will be preceded by the suitable alphabets (three capital letter) indicating the name of the respective department.

7.2 The teachers / instructors will be required to hand over detailed course outline to the students within 7 days of the beginning of semester and will provide a copy of course outline and work plan to the chairman of the concerned department.

7.3 A full time student can enroll credit hours in a semester including regular plus repeat / resit courses according to the following table. This will be applicable for all programs (Regular, Weekend, Distance Learning)

| Degree | Regular | Repeat / Re-Sit | Total |
|----------|---------|-----------------|--------|
| BS | 15-18 | 06 | 21-24* |
| MSc | 15-18 | 03-06 | 18-21* |
| MS/MPhil | 09 -12 | 03-06 | 15* |
| PhD | 06-09 | 03-06 | 12* |

*One additional credit hour can be allowed by the respective Dean on the written request of student on the recommendation of Chairperson of the department.

7.4 No course shall carry more than 4 credit hours.

7.5 For Repeat / Re-sit / Improvement / Re-enrollment of courses within the semester residential period, per credit hour / course fee will be charged.

7.6 For Repeat / Re-sit / Improvement / Re-enrollment of courses within the summer semester minimum , Rs.10000 / course fee will be charged.

7.7 For Repeat / Re-sit / Improvement / Re-enrollment of courses beyond the residential period, full semester fee will be charged.

8. DEFICIENCY COURSES

If the course(s) studied by a candidate in his /her previous degree (on the basis of which admission is requested) does not provide adequate background for the degree program of study, he/she may be required to rectify the deficiency by taking additional course(s) as determined by the respective Departmental Board of Studies. Student may enroll the deficiency course/s during the summer semester.

9. SUMMER SEMESTER

9.1 A student who wants to take "Audit" or "Deficiency" or "Advance Course", he/she may enroll in summer semester.

9.2 A student of who has failed any subject or wants to improve his/her "D" grade or lowest grade subject may be allowed to register in summer.

9.3 A student shall only be allowed to register only two courses (up to 08 credit hours).

9.4 A student of final semester BS / MSc will be allowed in summer any failed subject but improvement of lowest grade will be allowed if CGPA is less than 2.5.

9.5 In the summer semester a course will be offered for minimum eight students. However, in exceptional cases a course will be offered to at least 5 students as special case



- 9.6 on the recommendations of the Chairman of the Department and the Dean of the Faculty duly approved by the Vice Chancellor.
 Rs. 10000/- fee will be charged per course per student, if less than 8 students are enrolled in a course they will pay more fee to make total Rs. 80000/- accumulatively
- 9.7 A teacher shall be allowed to teach not more than two courses in summer.
- 9.8 A teacher shall be allowed to teach the course who has not taught these courses in preceding regular semester.

10. MEDIUM OF INSTRUCTION

The medium of instruction and examination shall be English (except Faculty of Islamic and Oriental Learning, which may be Urdu or their relevant subject languages).

11. CANCELLATION OF ADMISSION

Any student consistently found absent from classes during first four weeks; after the commencement of the semester as per announced schedule, his/her admission shall stand cancelled automatically without any notification.

12. DISCONTINUATION/FREEZE & DEFREEZING SEMESTER

- 12.1 A student may discontinue/freeze enrolled semester before appearing in the final examination with the permission of the Vice Chancellor obtained through the respective Directorates i.e. Directorate of Undergraduate & Directorate of Advanced Studies, on the recommendations of the Dean/Coordinator of respective faculty and Director/Chairperson/incharge on account of sickness duly certified by the University Medical Officer or due to circumstances beyond his/her control subject to fulfillment of condition that the student has passed the final examination of previous semester with minimum prescribed GPA/CGPA required for the said degree program.
- 12.2 The facility of freezing will be allowed only once during whole degree program and for two semesters only (one Academic Year).
- 12.3 A student so permitted to freeze is required to resume his/her studies after the two semesters (one frozen semester and other gap with zero credit hour semester) on the recommendations of Director/ Principal/ Chairman concerned and the Dean/Coordinator and notified by respective Directorates. However, the resumption of semester in Undergraduate & Master Degree program will be after one Academic Year with junior batch and in MS/MPhil & PhD programs may be in the next semester.
- 12.4 During the semester freeze, bonafide status of the student shall remain suspended. The student will not be entitled to avail any privilege of a regular student.
- 12.5 A Student has to submit the complete fee dues for a freeze semester and Rs.5000 for the gap semester.
- 12.6 A candidate shall not ordinarily be allowed to freeze his/her studies during 1st semester. However, in case of circumstances beyond his/her control i.e. accident/swear illness his/her admission may be retained subject to the approval of the Vice Chancellor.
- 12.7 Application for deferment of the 1st semester within four weeks of the start of semester can be made by the student(s) in special cases and will be approved by the Competent Authority. In case of acceptance of the request, the student will restart semester-I with the next admitted batch.
- 12.8 For the defreezing of a semester, the student will have to submit the request to the Authority through the Chairperson at least 2 weeks before start of the semester.
- 12.9 The student will have to pay dues at the prevalent rate at rejoining time and shall be required to follow all the Rules & Regulation prescribed for new session as applicable for Undergraduate & Master Degree Programs.
- 12.10 The freezing period (time of absence) will not be included in the stipulated period for the program.

13. ENROLLEMENT/COURSE REGISTRATION

- 13.1 An application for enrollment in a course/s on the prescribed "Course Registration Form" accompanied by proof of fee paid (bank receipt) shall be presented in the office of the respective directorate duly signed by respective Chairperson and Dean of faculty.
- 13.2 The office of the Dean/Coordinator under special circumstances and on payment of late fee of Rs. 500/- may permit a student to enroll within 5 working days after the commencement of the classes.
- 13.3 The Vice Chancellor may allow a student to enroll till the last day of the 4th week after the commencement of classes, with double late fee of Rs. 1000/-
- 13.4 Enrollment in absentia is not allowed. Student is required to be present in person with a proof of identification (University Identity Card or Computerized National Identity Card etc.) for enrollment.
- 13.5 Enrollment will only be considered complete when Course Registration Form (GS-10/UG-1) is submitted to the office of the Director Advanced Studies/ Undergraduate

- 13.6 Studies with in 10 days. Only depositing of fee will not serve the purpose.
A candidate admitted to a degree program shall, far so long as the student has not completed course work or submitted Thesis / Research Report / Research Paper/ Internship Report (whichever is applicable), have to enroll for each next semester.

14. REVISION OF COURSE REGISTRATION FORM

- 14.1 A student may be permitted to revise his/her Course Registration Form within 10 days from the commencement of classes. After this period he/she may be allowed to revise Course Registration Form up to 14 day from the commencement of classes on payment of Rs.1, 000/- as Course Registration Form revision fee.
14.2 The students of first semester may be allowed to revise his/her Course Registration Form within 30 days of the last date of enrollment.

15. REPEATING/IMPROVING COURSES

- 15.1 Whenever a student fails or gets a 'F' grade, he/she has to repeat the course, whenever offered.
15.2 Student may be allowed to improve the courses in which he/she has obtained Grade 'D'; during the completion of course work i.e. residential period.
15.3 After the completion of all semesters "if student scores CGPA 2.25 or more but less than 2.5; he/she may be allowed to improve courses in which he/she has obtained grade 'D' within stipulated period.
15.5 The Institution may define maximum number of courses that student may be allowed to repeat or improve, in special cases.
15.6 Two chances will be allowed to repeat the subject in the program (maximum three takes per subject).
15.7 In case a student repeats or improves the course in regular semester, the new grade will be reflected in the respective semester where he/she has passed or improved the course in the DMC / Transcript.
15.8 In case a student repeats or improves the course in summer semester, the new grade will be reflected under the "summer semester" where he/she has passed or improved the course in the DMC / Transcript.
15.9 If a student fails to improve the marks, the previous marks will be considered for the calculation of GPA/CGPA.

16. CHANGE OF COURSE AND COURSE WAIVER

- 16.1 A student may apply for course waiver. Applications for course exemption must be submitted to the concerned academic department for approval. The application must be accompanied by the supporting documents showing that equivalent courses have been taken elsewhere.
16.2 Application routing through proper channel will be submitted to equivalence committee of GCUF for approval.
16.3 The student may be allowed to revise his/her Course Registration Form within first four weeks of the last date of enrollment without any late fee.
16.4 In case of approval of his/her application for change of courses, the average of the remaining courses will be used to calculate grade point average.

17. CLASS ATTENDANCE

- 17.1 A candidate with less than 75% of the attendance in lectures or practical work or equivalent academic activity separately shall not be eligible to sit for the examination and may be dropped from the course. (for all programs including Weekend programs).
17.2 In exceptional cases / hardship cases the following exemptions may be accorded.
i. 5% by the Dean of the Faculty on the recommendation of the Chairperson of the department.
ii. Additional 5% by the Vice Chancellor.
17.3 If a student fails to attend any lecture (without any authorization) during the first four weeks of the commencement of the semester as per the announced schedule, his/her admission shall stand cancelled automatically without any notice.
17.4 A student may apply for the leave of absence in case of illness, family circumstances and in emergency. The length of leave will have to be mentioned and the circumstances should be explained in the application. The length of leave of absence will be a deciding factor whether he/she can continue his studies for the rest of the semester. If the leave is longer than a specified period, the student may apply for the deferment of the semester.



18. EXAMINATIONS

18.1 EXAMINATION FEE

University examination fee shall be charged at the time of enrollment of each semester.

18.2 TESTS AND EXAMINATIONS

- 18.2.1 There shall be two mandatory examinations in each semester i.e. Mid Term and Final Term. Any student absent in the final examination shall be considered as a fail. In addition to these examinations the teacher shall give home assignments and quizzes etc. to the students. The teacher will be solely responsible for deciding the mode, conduct as well as evaluation of examination in his/her course. The grade given by the teacher shall be final.
- 18.2.2 For Distance Learning Programs, a collective final exam will be conducted. Student has to get passing marks in assignment and final examination separately.
- 18.2.3 The mid-semester examination shall be held during 9th week of the semester and carry 30 percent of the total allocated marks for the course. This examination shall be held by the concerned teacher who shall proceed according to the University rules.
- 18.2.4 For the purpose of evaluation, one credit hour will carry 20 marks e.g., a four credit hours will carry 80 marks. These marks will be divided in accordance with the credits assigned to theory and practical (where applicable) for each course.
- 18.2.5 To pass a deficiency course a student is required to obtain at least "C" grade.
- 18.2.6 The following weightage shall be given to the examinations, home assignments, etc.

| Regular, Summer and Weekend Semester Programs | | Distance Learning Programs | |
|--|------|--|------|
| (a) Mid-semester examination | 30% | (a) At least Two Assignments as sessional evaluation | 20% |
| (b) Assignments / quizzes, presentations etc., | 20% | (b) Final Examination (No Mid Exam) | 80% |
| (c) Final examination | 50% | Total: | 100% |
| Total: | 100% | | |

Note: (fraction in total obtained marks of a course will be rounded to the nearest whole number)

- 18.2.7 The scripts of each examination shall be discussed with the students.
- 18.2.8 To qualify a course, it is essential to pass separately the theory and practical (where applicable) examinations with aggregation to be at least 40 percent except for Engineering and Pharmacy Degree programs where aggregation pass marks requirement is 50%.
- 18.2.9 The duration of examination shall be as under;
- | | |
|--|---|
| Mid-Semester Examination (One hour) | Final Examination (Two to three hours) |
|--|---|
- 18.2.10 Question paper for the mid and final term examination shall be set by the respective teacher. However, Chairperson/ Principal/ Director/ Departmental Incharge shall ensure the quality and standard of the question paper set by the teacher.
- 18.2.11 The teacher shall send the final award list of the course through the respective Chairperson to the office of the Controller of Examinations within 10 days after the end of a semester. The Dean/Coordinator may condone the delay in result submission. A copy of the award list will be maintained by the respective department.
- 18.2.12 On receipt of the award lists, the Controller of Examinations shall notify the results and send copies to the office of the Dean/Coordinator, Director/Principal and the Chairman of the concerned Department.

18.3 DEPARTMENTAL EXAMINATION COMMITTEE

This Committee shall have proper role in supervising and evaluating the conduct of all examinations in the Department. The Committee may comprise the following:

- i. Chairperson/Incharge of Department (Convener)
- ii. Two faculty members of the Department (one may be program coordinator, the other as Secretary of Committee).
- iii. The teacher concerned may be co-opted in case of complaint of a student.

18.4 CONDUCT OF EXAMINATION

- 18.4.1 All tests and examinations shall take place on the premises specified by the Departmental Examination Committee.

- 18.4.2 The schedule of tests and midterm/final examinations shall be notified by the Departmental Examination Committee at the beginning of the Semester or whenever these are announced by the Office of the Controller of Examinations.
- 18.4.3 Students are responsible for checking the date time and location of their examinations from the given schedules.
- 18.4.4 For all examinations, the students may be required to show their students ID cards or personal ID for verification purpose. Students, who are unable to present their ID cards.
- 18.4.5 Student must write the program title, subject title, course code and title and his/her registration number, signature clearly on the front page of answer sheets.
- 18.4.6 The record of question papers/marked scripts/Midterm Examination / Final Examination etc. shall be preserved by the Controller of Examinations for two years after the completion of the degree program.
- 18.4.7 Provisional announcement of the result of a program will be made by the Controller of Examinations.
- 18.4.8 Final Notification of the results shall be made by the Controller of Examinations by displaying on the University Notice Board / Gazette / University Website.

18.5 GRADE POINT AVERAGE

- 18.5.1 Grade point and equivalence between letter grading and numerical grading shall be as follows:

| Grade | Value | Marks (%) | Remarks |
|-------|----------|--|--------------|
| A | 4 | 80 – 100 | Excellent |
| B | 3 – 3.99 | 65 – 79.99 | Good |
| C | 2 – 2.99 | 50 – 64.99 | Satisfactory |
| D* | 1 – 1.99 | 40 – 49.99 | Pass |
| I | 0 | Zero | Incomplete |
| F | 0 | Less than 40 % for undergraduate & master Less than 50 % for MS/MPhil/PhD | Fail |
| W | – | Will not be included in GPA calculation | With drawn |

* Only for BS and Master Degree Programs. There is no “D” Grade in MPhil and PhD and BSC Pharm-D

- 18.5.2 For the BSc Electrical (Telecommunication) Engineering and BSc Engineering/ Electrical/ Mechanical/ Civil/ Chemical/ Telecommunication Technology Programs grade point and equivalence between letter grading and numerical grading shall be as follows:

| Grade | Value | Marks (%) | Remarks |
|-------|------------|--|--------------|
| A+ | 4 | 90 – 100 | Exceptional |
| A | 4 | 80 – 89.99 | Excellent |
| B+ | 3.51–3.99 | 75 – 79.99 | Very Good |
| B | 3.0 – 3.5 | 65 – 74.99 | Good |
| C+ | 2.6 – 2.99 | 60 – 64.99 | Satisfactory |
| C | 2 – 2.59 | 50 – 59.99 | Satisfactory |
| I | 0 | Zero | Incomplete |
| F | 0 | Less than 40 % for undergraduate & master Less than 50 % for MS/MPhil/PhD | Fail |
| W | – | Will not be included in GPA calculation | With drawn |



- 18.5.2 If a student fails to obtain prescribed CGPA at the end of each Academic Year (after two consecutive Fall and Spring Semesters and summer semester) his/her admission shall stand cancelled. However the student may seek fresh admission.
- 18.5.3 The following CGPA is required for secure of his/her admission in a program and successful completion.

For Undergraduate Program

- i. After first Academic Year required CGPA is 1.75
- ii. After second Academic Year required CGPA is 2.00
- iii. After third Academic Year required CGPA is 2.25
- iv. After fourth Academic Year required CGPA is 2.50*

*A student, who obtains CGPA of 2.25 or more but less than 2.50 upon the completion of entire course work, may be allowed to repeat once courses of the lowest grades (C & D) with in maximum credit hours limit in order to improve the CGPA and to obtain the minimum of 2.50, failing which the student shall cease to be on the rolls provided that he/she has availed the maximum permissible repetitions.

For Master Degree Program

- i. After first Academic Year required CGPA is 2.00.
- ii. After second Academic Year required CGPA is 2.50*

*A student, who obtains CGPA of 2.00 or more but less than 2.50 upon the completion of entire course work, may be allowed to repeat once courses of the lowest grades (C & D) with in maximum credit hours limit in order to improve the CGPA and to obtain the minimum of 2.50, failing which the student shall cease to be on the rolls provided that he/she has availed the maximum permissible repetitions.

For MS/MPhil Degree Program

- i. After completion of course work required CGPA is 2.8*
- ii. After second Academic Year required CGPA is 3.0.

*A student, who obtains CGPA of 2.5 or more but less than 2.8 upon the completion of first academic year, may be allowed to repeat once two courses of the lowest grades or allowed to enroll more courses (if offered) in order to improve the CGPA and to obtain the minimum of 2.80, failing which the student shall cease to be on the rolls provided that he/she has availed the maximum permissible repetitions.

For PhD Degree Program

If a student fails to obtain 2.70 CGPA at the end of first academic year may be allowed to once repeat two courses of the lowest grade / failed courses / or or take additional courses.

18.6 GPA / CGPA CALCULATION

Definitions:

Grade Point Average (GPA): This is a figure ranging from 0 to 4.00 (A=4.00) used as a performance indicator of a student in the semester concerned and is calculated as:

GPA = [Total weighted points of all courses taken in the semester concerned] / [Total number of credits enrolled for in the semester concerned]

Weighted Points = [Grade Points] x [the number of credits of the course concerned]

CGPA = [Total weighted points of all courses taken] / [Total number of credits enrolled for in all semesters]

Pass marks in a course are 40 percent both in theory and practical separately where practical is a part of a course (BS, MSc).

18.7 REQUIREMENTS FOR THE AWARD OF DEGREE

Within the framework of General Rules/Regulations for the award of a graduate or a postgraduate degree special/specific Rules may be applicable to certain degree programs. These rules may be issued by the University in order to ensure quality standards and performance of the candidates. Candidate will be awarded the relevant degree, provided that he /she has

- (a) Undertaken a program of study for a period not less than the prescribed period of study given for that program.
- (b) Completed the total credit hours of courses as stated in the regulations for that degree;
- (c) Passed the prescribed examinations;
- (d) Fulfilled minimum course work and lab work requirements,
- (e) Qualified the comprehensive examination (where applicable)
- (f) In case of thesis; passed the Viva Voce and / any other mode of assessment prescribed by the University.

18.8 CALCULATION/COMPILATION OF THE FINAL RESULTS

- 18.8.1 The CGPA will be reported up to two decimals but for determination of merit position CPGA will be calculated up to four decimal. In case of a tie merit position will be determined on the basis of the weighted percentage marks obtained.
- 18.8.2 All students obtaining CGPA of 4.0 will be declared on the Honours List.
- 18.8.3 Compilation and notification of the results will be made by the Controller of Examinations.

19. SPECIAL EXAMINATION AND INCOMPLETE GRADE

Absence from any scheduled examination is permissible only in extreme situations beyond the control of the student as approved by the Vice Chancellor. Serious illness of the student or death of the immediate family member is regarded as a legitimate reason for scheduling a special examination. Even in an emergency situation, the student or someone on his/her behalf must inform the Chairperson of the Department in writing before the examination is held. Request for scheduling a special examination must be made by student and submitted to the Chairperson, along with other required documents, within one week of missing the examination. The Chairperson will send the case to Controller of Examinations for notification after the approval of the Competent Authority. The special examination of the mid semester examination will be managed by the concerned teacher and chairperson of the department before the commencement of the final examination. Whereas; special examination of the (missed) final semester examination must be held during the next summer break or before the Midterm examination of next semester. Such a candidate shall be given Incomplete Grade ('I' Grade). Private arrangements for special examination between a student and the teacher are not allowed.

20. STUDENT GRIEVANCES

All departments should have a 3 member Committee headed by a senior faculty member to redress the grievances of the students about any course instructor or grades or for any other issue.

21. SUPERVISORY COMMITTEE

- 21.1 The Supervisory Committee for a student shall be proposed by the respective Board of Studies of the Department/Institute during the 3rd semester for the thesis and for research project only one supervisor will be appointed by Chairperson in respective semester. In PhD program Supervisory Committee and thesis topic will be approved by BoS and ASRB after successful qualification of comprehensive examination.
- 21.2 Supervisory Committee shall consist of the 03 members of the department. Therefore, the constitution of the Committee is given as under
1. Supervisor
 2. Member-1
 3. Member-2
- However, if an outstanding specialist in a major or minor/elective field of study is available outside the department/University, he/ she may be taken as a member of the Supervisory Committee as " Supervisor-2" on 'ceteris paribus'.
- 21.3 Supervisor of the student will act as Chairman of the Supervisory Committee.
- 21.4 Supervisory Committee may be revised with the reasons of changed through BOS and ASRB but not after the submission of thesis to Department / DAS. Further all the rules therein laid by HEC from time to time will be followed strictly.
- 21.5 In case, a student duly recommended by the Chairman/ Director/ Principal is concerned to conduct his/her complete/part of thesis research in other institution/ laboratory, is allowed by the office of the Dean/Director; the helping scientist will be taken as Supervisor-2 in the Supervisory Committee of the student. However, the



- university will not bear any financial liability in this context.
- 21.6 Foreign Faculty members, HEC National Professors/HEC Eminent Scientists may act as Supervisor/Member of the Supervisory Committee.
- 21.7 Faculty on Tenure Track System (TTS) / Interim Placement of Fresh PhD program (IPFP) will be considered at par with regular faculty for appointment as member of supervisory committee.
- 21.8 Contract teachers may act as Supervisor / Member of the Supervisory Committee only in Mphil program , where, there is shortage of regular faculty members.

22. THESIS/RESEARCH REPORT WRITING AND SUBMISSION

- 22.1 Candidates pursuing a program of study which includes research component must pass the prescribed courses before proceeding with the research work & also fulfill the residential requirements. He/she is required to submit thesis submission form and thesis examination fee before the submission of thesis.
- 22.2 For the evaluation of research reports at under graduate level an examination committee comprising of senior faculty members of the department will be formulated by the respective chairperson of the department.
- 22.3 The topic of the Thesis and the panel /list of the External Examiners are to be approved by the Board of Studies of the concerned Department.
- 22.4 Thesis/Research report has to be submitted within 60 days (90 days for PhD) after the last day of termination of last semester unless extension has been approved by the Competent Authority.
- 22.5 The student who will enroll beyond their stipulated limit of the semesters will have to pay an additional tuition fee of 50% for every semester above the regular fee.
- 22.6 The thesis must be prepared in accordance with the guidelines provided by the academic department/faculty concerned.
- 22.7 The thesis duly certified by the Supervisory Committee that the contents and form of the thesis are satisfactory for submission shall be sent to the external examiner by the office of the Controller of Examinations (CE) for evaluation. A panel of three examiners per student shall be submitted to the CE office by the Chairman of the respective Board of Studies on or before the submission of thesis.
- 22.8 Candidates must submit the required number of the copies of the thesis as determined by the program for the purpose of assessment and examination. Original Plagiarism report along with the certificate from Supervisor and Declaration by the student must be submitted while submitting the thesis to the respective Directorate. The Directorate shall notify the dates for the semi final and final thesis submission.
- 22.9 The thesis shall be evaluated by a Board of Examiners comprising members of the Supervisory Committee and external examiners appointed by the Vice Chancellor from the panel of names recommended by the Board of Studies. The external examiner/s shall be given reasonable time to go through the contents of the thesis critically. Total marks so awarded will be converted into a letter grade as mentioned under clause 16.5 above and average grades on the basis of course work and thesis will then be worked out to calculate the final CGPA.
- 22.10 Supervisor, after consultation with the external examiner shall decide the date, time and venue (in campus) for thesis evaluation.
- 22.11 There shall be 120 marks corresponding to 06 credit hours allocated for thesis.
- 22.12 The thesis evaluation should be completed within six months from the date of dispatch of thesis by the Controller of Examinations to the quarter concerned. The Controller of Examination shall get the approval of the external examiner from the Vice Chancellor and thesis shall be dispatched to him/her accordingly. In case of regret from the first External Examiner nominee(s), second approval of External Examiner nominee (s) shall be sought within eight weeks from the Vice Chancellor by the Controller Examination. However, the Vice Chancellor may allow extension for thesis evaluation up to one year in hardship cases.
- 22.13 The supervisor shall send the award list of thesis examination after counter signature of the Chairperson to the office of the Controller of Examinations after making sure that the student has incorporated the suggested improvements. The Controller of Examinations shall notify the result of the student after receiving three hard bound copies of thesis.
- 22.14 In case of disagreement between the Supervisory Committee and the External Examiner regarding the acceptance of the thesis it shall be referred to another external examiner whose decision shall be final.
- 22.15 If a candidate fails in the thesis examination, he/she will submit a revised thesis within six months after the date of declaration of the result of the last thesis examination, on payment of the prescribed thesis examination fee. He/she can avail this chance only once.
- 22.16 If the thesis, submitted by a candidate for final evaluation, is proved to be copied/ plagiarized at the time of viva-voce examination, it will be liable to be rejected on the report of Board of Examiners and the Controller of Examinations will declare the candidate fail in thesis examination. The admission of such candidate shall be cancelled and he/she shall not be readmitted under any circumstances.
- 22.17 If the thesis of a candidate is proved to be plagiarized after its evaluation and declaration of result, previous result of the candidate will be cancelled and he/she will be declared to have failed in thesis examination. Such a candidate shall not be re-admitted under any circumstances.
- 22.18 To publish an approved thesis or any portion of it, the student must indicate clearly that the said thesis was submitted to the University as fulfillment of requirement for the Degree Program.
- 22.19 The University reserves the right to use the thesis or otherwise for teaching and research purposes as and when required.

- 22.20 After submission of the thesis, the students will not be allowed to stay in the University hostels.
- 22.21 The Convener of the Board of Studies (BoS) shall act as Chairman of thesis examination.
- 22.22 Color of the thesis cover for various programs will be as under:
- | | |
|---------------|------------|
| BS | Blue |
| MA/MSc/LLB | Maroon |
| MS/MPhil /LLM | Black |
| PhD | Dark Green |

Note: Writing on the thesis cover binding will be in golden, engraved, bold, Times New Roman/Ariel form.

- 22.23 Office of the University will maintain student record for 3 years after the declaration of final result. After that period, the record may be disposed off with the permission of the Vice Chancellor.

23. CODE OF ACADEMIC INTEGRITY

- 23.1 Every member of the University community is responsible for upholding the highest standards of honesty at all times. Academic honesty is expected from all the concerned (the students, teachers, technical and administrative staff etc.) of all levels.
- 23.2 Cheating, i.e using or attempting to use unauthorized assistance, material or study aids in examinations or academic work will be called for disciplinary action.
- 23.3 Plagiarism: using the data, or written material without specific or proper acknowledgment is an academic dishonesty that shall result in disciplinary action.
- 23.4 Tempering or an attempt to temper any academic record or transcripts in any manner will result in the termination of the study of the student involved.
- 23.5 Exchanging or passing information to other students through any electronic or network means during an examination is considered cheating and shall be liable to disciplinary action.
- 23.6 Any form of unfair means or irregularity by a student or a group of students will be immediately reported to the Departmental Examination Committee which will forward it to Discipline Committee (Examinations) for establishing facts and fixing responsibility (ies). Severity of penalty imposed on the student can range from termination or expulsion from the Programs for a specified period or monetary fines or both.

24. EQUIVALENCE COMMITTEE**

For admission of candidates from other Universities, Colleges, Institutes, etc. to this University whose courses/examinations are different from the corresponding courses/examinations of this university, a standing committee of the Academic Council called the Equivalence Committee, shall be set up to examine the cases of such students and make recommendations to Vice Chancellor for final approval on behalf of the Academic Council. The members of the equivalence committee shall hold office for two years.

**regarding conversion of grades/marks obtained in Semester system into Annual system or vice versa and course waiver per students under migration.

25. VICE CHANCELLOR'S AUTHORITY IN SPECIAL CASES

Notwithstanding anything contrary to these Regulations/Rules, the Vice Chancellor shall have the powers conferred by the statutory bodies to issues order, directions or instructions for the smooth working of the Academics affairs of this University and on the issue(s) which are not covered under these "Semester Rules", where any rule(s) /Regulation(s) are silent or in cases of ambiguity or discrepancy as regards into the interpretation of these Rules, the decision of the Vice Chancellor shall be final.

26. GENERAL

- 26.1 All the academic matters shall be routed through proper channel i.e. through the Chairperson/Incharge of the Department/Director and Principal/Dean/Coordinator of the faculty concerned.
- 26.2 After submission of the thesis, the students will not be allowed to stay in the University hostels.
- 26.3 Office of the Director, Advanced Studies/ Undergraduate Studies will maintain student's record for 3 years after the declaration of final result. After that period, the record may be disposed off with the permission of the Vice Chancellor.
- 26.4 There should be at least three full time PhD Faculty members in the relevant subject; to launch the PhD program.



BS PROGRAM(S) RULES AND REGULATIONS UNDER SEMESTER SYSTEM

1. DURATION OF THE COURSE

The duration for the BS/BBA shall not be less than eight and more than 12 semesters. In case of D Pharm and LLB (5 years program) the minimum duration shall not be less than 10 and more than 14 semesters.

2. SCHEME OF STUDIES

The subjects of study for the various degree programs are given in (F-Schedule under admission policies) which may be amended from time to time.

3. CREDIT HOURS REQUIREMENT FOR VARIOUS DEGREES

The minimum credit hour requirement for instituting various degree programs shall be as following

| | |
|-----------------------------|------------------|
| BS / BSc /BBA (four years) | 130 credit hours |
| LLB (5 years) | 164 credit hours |
| Pharm-D | 193 credit hours |

4. TIME FOR ADMISSION

Admissions shall be conducted in the Fall Semester and only once in a calendar year. If a candidate fails to complete enrollment, his/her admission shall be cancelled. In special situation the worthy Vice Chancellor may allow admission to any program in Spring Semester.

5. AUTHORITY OF ADMISSION

- 5.1 The admission to a Bachelor degree program shall be made by Directorate of Under Graduate Studies on behalf of concerned Faculty Dean; on the basis of merit list prepared by the said directorate.
- 5.2 Lists of selected candidates shall be displayed by the office of the Directorate of Under Graduate Studies (DUS) and if needed subsequent lists shall be displayed till the last seat is filled up.
(Explanation: The last list would be displayed keeping in view that 75 % attendance in lectures would not suffer).
- 5.3 The competent authority may refuse admission to a candidate without assigning any reason.

6. RE-ADMISSION

- 6.1 If a student fails to enroll in any semester(s) without permission of the Competent Authority, the student shall cease to be on the rolls of the University and in case the student desires re-admission, the student shall have to apply for the same in the next coming admissions.
- 6.2 The office of the Directorate of Under Graduate Studies on the recommendation of Dean/Coordinator may re-admit such a candidate subject to the payment of Rs.2,000/- as re-admission fee and Rs.5,000/- as per semester gap fee, if applicable.
- 6.3 The Dean/Coordinator may refuse the re-admission if the reasons presented are not convincing.
Note: The period of gap semester will not be counted towards residential requirements.

GRADUATE PROGRAM(S) RULES AND REGULATIONS UNDER SEMESTER SYSTEM

1. DURATION OF THE COURSE

- 1.1 The duration for the Master Degree shall not be less than four and more than seven semesters in full residence and not less than six and more than nine semesters for the part time students (university employee).
- 1.2 The employees of the government/other agencies nominated for admission at this University shall have to take study leave to pursue studies as a regular student, failing to fulfill this conditions, his/her admission shall be cancelled. However, after getting admission by a nominee in the university, it would be obligatory for the parent department to sanction the study leave / extend the leave in favor of the nominee within one semester of his/her admission, otherwise the admission shall stand cancelled.

2. SCHEME OF STUDIES

The subjects of study for the degree programs are given in SCHEDULE II which may be amended from time to time. A student shall present an acceptable thesis/research report in addition to completing his/her approved Course Work in order to qualify for the award of the degree or otherwise as approved by BoS.

3. CREDIT HOURS REQUIREMENT FOR VARIOUS DEGREES PROGRAMS

- 3.1 The minimum credit hours requirement for instituting the various degree programs shall be as following;

| | |
|-----------------------|-----------------|
| MSc / MA / M.Com/ MPA | 66 credit hours |
|-----------------------|-----------------|

Note: Students are required to complete the prescribed number of credit hours by opting one of the following options.

1. Course work only
2. Course work and a thesis of 06 credit hours.
3. Course work and research report of 06 credit hours or internship for those subjects where it is required.

4. RE-ADMISSION

- 4.1 If a student fails to enroll in any semester(s) without permission of the competent authority, he/she shall cease to be on the rolls of the University and in case he/she desires re-admission, he/she shall have to apply for the same.
- 4.2 The Advanced Studies and Research Board may readmit such a candidate subject to the payment of Rs. 2,000/- as re-admission fee and Rs. 10,000/- as per semester gap fee, if applicable.
- 4.3 The ASRB may refuse the re-admission if the reasons presented before the Board are not convincing.
- Note: The period of gap semester will be counted towards residential requirements.



MS/MPhil RULES AND REGULATIONS UNDER SEMESTER SYSTEM

1. DURATION OF THE COURSE (1.5 - 4 Year)

- 1.1 The duration for the Degrees of MS/MPhil / LLM shall not be less than three and more than eight semesters in full residence and not less than five and more than ten semesters for the University employees admitted as part time students.
- 1.2 The employees of the government/ other agencies nominated for MS/MPhil/ LLM degree at this University shall have to take study leave to pursue studies as a regular student, failing which he/she will not be admitted. However, after getting admission by a nominee in the university, it would be obligatory for the parent department to sanction the study leave or extension in the leave in favor of the nominee within one semester failing which, his/her admission shall stand cancelled.

2. SCHEME OF STUDIES

- 2.1 The subjects of study for the degree programs are given in SCHEDULE III which may be amended from time to time. A student shall present an acceptable thesis in addition to completing his/her approved course work in order to qualify for the award of the degree.

3. MINIMUM REQUIREMENT FOR THE VARIOUS DEGREE PROGRAMS

- 3.1 A student admitted to the degree program shall be required to take minimum 24 credits hour course work (other than 06 credits for thesis research). Deficiency course(s) shall not be counted towards the minimum credit. Students may be asked to enroll the additional courses on the recommendations of their concerned Supervisors or Department.

4. TIME FOR ADMISSION

- 4.1 Admission may be conducted twice a year i.e. in the fall semester and spring semesters. If a candidate fails to complete enrollment, his / her admission shall stand cancelled. However, nominees of HEC, GCUF, foreign countries and other government organizations, may be admitted up to the mid examination with the condition that they will have to cover up the courses by taking seminars, special problem and research project.

5. UNIVERSITY EMPLOYEE

- 5.1 **Academic Staff:** A teacher / researcher of the GCUF (regular) may be allowed to enroll himself / herself for postgraduate courses after getting permission from the competent authority. He / she under this arrangement will be a part time student and a full time employee. He / she will be allowed to enroll maximum of two courses and one semester or special problem in a semester and pay half dues of the semester along with examination fee. In case, he / she intends to take maximum credit hours allowed to a full time student then he / she will have to take leave from the University and pay full University dues.
- 5.2 **Administrative Staff:** The administrative staff of the GCFU (regular) will be treated at par for admission to various postgraduate courses only under evening program after getting permission from the competent authority. He / she will take maximum of two courses, one seminar or special problem and pay half dues of the semester along with examination fee. He / she under this arrangement will be a part time student and a full time employee. In case, he / she intends to take maximum credit hours, he / she will have to get leave from the university and pay full dues. However, the number of seats for admission to various degree programs for administrative staff might be fixed by the Vice Chancellor.

6. RE-ADMISSION

- 6.1 If a student fails to enroll in any semester(s) without permission of the competent authority, he/she shall cease to be on the rolls of the University and in case he/she desires re-admission, he/she shall have to apply for the same.
- 6.2 The Advanced Studies and Research Board may readmit such a candidate subject to the payment of Rs. 2,000/- as re-admission fee and Rs. 10,000/- as per semester gap fee, if applicable.

- 6.3 The ASRB may refuse the re-admission if the reasons presented before the Board are not convincing.
Note: The period of gap semester will be counted towards residential requirements

7 THESIS SUBMISSION AND DEFENSE

- 7.1 A candidate who has secured CGPA 2.8 only will be allowed to take Research and pursue for the thesis submission but he/she must score CGPA 3.0 for obtaining the degree.
- 7.2 If a student obtains 2.5 CGPA and fails to achieve CGPA 2.8 on the completion of course work he/she has to improve courses of lowest grades with in maximum credit hours limit to achieve desired CGPA level.
- 7.3 For “Minor Change” in the title of the Synopsis/Thesis, a letter from the Supervisory Committee of the student, will serve the purpose. In case of major change, changed topics will again be submitted in respective BOS.
- 7.4 A panel of 3 examiners will be proposed by respective Supervisor or Chairperson, recommended by the respective Board of Studies.
- 7.5 An examiner shall be appointed by the Vice Chancellor for the evaluation of thesis from the proposed panel.
- 7.6 A student shall submit three copies of the thesis (tape binding) to convener BoS who shall forward the thesis to the Controller of Examinations for forwarding it to the External Examiner. After the successful completion of examination, student will submit atleast three copies of thesis (hard binding); one hard copy shall be kept in the Department, one in the main Library and one by the Supervisor.
- 7.7 If any student has to give the viva in the absence of Supervisor/ Member, the Chairman of the Department/Director of the Institute in which student is enrolled will sign on behalf of Supervisor or Member.
Note: (In case the Chairperson of Supervisory Committee is also a Chairman of Teaching Department or Director of Institute and is on leave (within country) he must attend the MS/MPhil thesis defense and a date in this regard shall be fixed with his consultation.
- 7.8 If the thesis, submitted by a candidate for final evaluation, is proved to be copied / plagiarized, it will be liable to be rejected. The admission of such a candidate shall be cancelled and he/she will not be readmitted to MS/MPhil under any circumstances.
- 7.9 If the thesis of a candidate is proved to be plagiarized after its evaluation and declaration of result, previous result of the candidate will be cancelled and he/she will be declared to have failed in thesis examination. Such a candidate shall not be readmitted to MS/MPhil under any circumstances.
- 7.10 The maximum number of PhD students under the supervision of a full time faculty member will be only 05 which may be increased to 08 following the rules provided by the HEC.



PHD RULES AND REGULATIONS UNDER SEMESTER SYSTEM

1. DURATION OF THE COURSE (3-6 Year)

- 1.1 The duration for the Degree of PhD shall not be less than 6 and more than 12 semesters in full residence and not less than 8 and more than 14 semesters for the university employee admitted as part time students.
- 1.2 The employees of the government/ other agencies nominated for PhD degree at this University shall have to take study leave to pursue studies as a regular student, failing which he/ she shall not be admitted. However, after getting admission by a nominee in the university, it would be obligatory for the parent department to sanction the study leave or extension in the leave in favour of the nominee within one semester failing which his/her admission shall stand cancelled.

2. SCHEME OF STUDIES

- 2.1 The scheme of study for the degree programs are approved by respective BOS & academic council which may be amended from time to time. A student shall present an acceptable thesis in addition to completing his/her approved course work and comprehensive examination in order to qualify for the award of the degree.

3. MINIMUM REQUIREMENT FOR THE VARIOUS DEGREE PROGRAMS

- 3.1 A student admitted to the degree program shall take minimum 18 credits followed by Comprehensive Examination. He/she will have to defend PhD synopsis and thesis at university level.
- 3.2 Public thesis defense is mandatory, in the presence of a board of senior researchers, consisting of members from an outside department/organization or a university.
- 3.3 The defense is done in a public presentation in which teachers and students can participate. The scholar presents his/her research work and answers the questions of the audience. The University will notify in advance the date, time and venue of the event via its website, newsletters and news papers etc.

4. TIME OF ADMISSION

- 4.1 Admission may be conducted twice a year i.e. in the fall semester and spring semester. If a candidate fails to complete enrollment formalities i.e. deposit the semester dues and Course Registration Form (CRF) in the office of the DAS, his / her admission shall stand cancelled. However, nominees of HEC, GCUF, foreign countries and other government organizations, may be admitted up to the end of mid exams with the condition that they will have to cover up the courses by taking seminars, special problem and research project.

5. UNIVERSITY EMPLOYEES

- 5.1 **Academic Staff:** A teacher / researcher of the GCUF (regular) may be allowed to enroll himself / herself for postgraduate courses after getting permission from the competent authority. He / she under this arrangement will be a part time student and a full time employee. He / she will be allowed to enroll maximum of two courses and one seminar or special problem in a semester and pay half dues of the semester alongwith examination fee. In case, he / she intends to take maximum credit hours allowed to a full time student then he / she will have to take leave from the University and pay full University dues.
- 5.2 **Administrative Staff:** The administrative staff of GCUF may enroll for the PhD Program, after getting the permission and study leave from the competent authority under the rule by GCUF Syndicate

6. RE-ADMISSION

- 6.1 If a student fails to enroll in any semester(s) without permission of the competent authority, he/she shall cease to be on the rolls of the University and in case he/she desires readmission, he/she shall have to apply for the same.
- 6.2 The Advanced Studies and Research Board may readmit such a candidate subject to the payment of Rs. 2,000/- as re-admission fee and Rs. 10,000/- as per semester gap fee, if applicable.

- 6.3 The Advanced Studies and Research Board may refuse the re-admission if the reasons presented are not convincing.
Note: The period of gap semester will be counted towards residential requirements.

7. COMPREHENSIVE EXAMINATION (Two Attempts)

- 7.1 A student admitted to the course shall take a comprehensive examination, within two semesters after he/she has successfully completed the approved course work. (Explanation: The comprehensive examination shall be arranged within 10 weeks while the date, time and venue of examination shall be notified within first week of the termination of each regular semester. A student will have to apply for comprehensive examination on the prescribed form.
- 7.2 The comprehensive examination will cover the complete course work. It will be designed to ascertain whether the student has attained the breadth of knowledge and the intellectual maturity necessary to become a successful scholar in his/her chosen discipline. It will not be a mere re-examination of previous courses but will test the students' ability to integrate and assimilate the knowledge obtained from the courses, seminars and independent studies.
- 7.3 A student has to apply on the prescribed form for comprehensive examination to the office of the Director Advanced Studies. Attempts of the students will be count from his/her application for the first time and in case the student does not apply/appear in the examination after completion his course work, his/her chance will lapse.
- 7.4 The Controller of Examinations shall, with the approval of the Vice Chancellor, notify the date, time and venue of the examination at least two weeks before the commencement of the examination.
- 7.5 The number of paper shall be one comprising of three parts of equal marks.
- 7.6 Examiners for the comprehensive examination shall be appointed by the Vice Chancellor, processed through Controller of Examinations office from a panel of examiners (three for each section of paper) proposed by respective Board of Studies.
- 7.7 The appointed panel of examiners will prepare their questions for comprehensive and submit in sealed envelope to the controller examination through respective chairperson/incharge.
- 7.8 Each member shall, within seven days after the receipt of the answer book/s, return them duly marked to the Controller of Examinations along with the award list.
- 7.9 To pass the examination a student must secure 65% marks in each section separately.
- 7.10 If a student does not qualify comprehensive examination, he/she can reappear only in the failed paper but only once in next compressive exam.
- 7.11 If a student fails in the examination he/she will be eligible to appear again but only once; with in two semester from the date of declaration of result.
- 7.12 A student who has passed the comprehensive examination shall be deemed to have become a candidate for admission to PhD degree
- 7.13 Special chance of compressive exam may be allowed in special circumstances, with the permission of competitive authority only.

8. THESIS SUBMISSION AND DEFENSE

- 8.1 A student shall be entitled to submit thesis for examination after he/she has qualified the approved courses work, qualified the comprehensive examination (written) and has also fulfilled the residential requirements. He/she is required to submit thesis examination fee before the submission of semi-final thesis.
- 8.2 The thesis shall be completed according to the guidelines approved by the Advanced Studies and Research Board and shall be submitted to the office of the Director Advanced Studies within 90 days after the termination of the semester.
- 8.3 The thesis must be an original and scholarly contribution to the knowledge of the candidate's chosen field of study.
- 8.4 Publication of one research paper in at least HEC approved "X" category journal; in case of Sciences /Engineering and "Y" category in case of all other disciplines, is essential for submission of thesis in office of Directorate of Advanced Studies.
- 8.5 The thesis duly certified by the Supervisory Committee that the contents and form of the thesis are satisfactory for submission shall be sent to the external examiner by the office of the Controller of Examinations (CE) for evaluation.
- 8.6 A PhD candidate is required to submit at least five copies of his PhD thesis for evaluation.
- 8.7 A panel of 10 foreign external examiners will be proposed from developed countries except the subject where limitations applies; by respective Supervisor or Chairperson, recommended by the respective Board of Studies and ASRB. These examiners should be from at least HEIS/ Universities or research organizations of developed countries. At the same time a panel of minimum 10 local / national external examiners approved by the BoS will be submitted for approval from the competent authority who will appoint two foreign for evaluation of thesis and two local external examiner for conduct of viva .from the two national examiners one will act as evaluator and submit his report but the other will act as examiner only, and both will take the viva exam/thesis defense.



- 8.8 Each External Examiner shall explicitly state in his/her report:
- a) Whether or not the thesis is of sufficient merit to justify the award of PhD Degree to the candidate.
 - b) Whether the candidate should be allowed to revise and re-submit his thesis. In the later case the broad lines on which the thesis should be revised must be clearly stated.
- 8.9 If both the foreign examiners reject thesis, the candidate shall be declared as failed. However, the Advanced Studies and Research Board may allow a student to re-conduct his/her research and re-submit his/her thesis on a new topic as recommended by his Supervisory Committee. This facility would be available only once within the period of residential requirements.
- 8.10 If one of the foreign examiners approves the thesis and the other rejects it, it shall be sent to a third examiner, for evaluation. If the third examiner approves the thesis, the candidate shall be recommended for the award of the degree, otherwise he/she shall be declared as failed.
- 8.11 If one of the foreign examiners approves the thesis and other is of the view that it is not acceptable in the form in which it has been presented but requires revision, the following procedure shall be followed:
- (i) The supervisory committee of the candidate may either:
 - (a) write to the examiners concerned explaining why it is not possible to revise the thesis and taking the position that it should be examined in its original form, or
 - (b) if the views of the examiner were acceptable to the Committee, require the candidate to revise and re-submit the thesis within a period not exceeding two semesters, for re-evaluation.
 - (ii) If the examiner approves the original thesis or the revised thesis, as the case may be, the candidate shall be recommended for the award of the degree.
 - (iii) In case of disagreement between the supervisory committee and the examiner, the matter shall be referred to the Advanced Studies and Research Board which may suggest such action as it may consider expedient.
- 8.12 If both the examiners express the opinion that the thesis as presented is not acceptable, but required revision, the following procedure shall be adopted:
- (i) In case the lines, on which the examiners have suggested revision of the thesis, are substantially the same and are acceptable to the Supervisory Committee, they shall call upon the candidate to revise the thesis on these lines and re-submit it within a period not exceeding two semesters, for reevaluation. The revised thesis shall then be sent to the examiners.
 - (ii) In case the lines on which the examiners have suggested revision are not acceptable to the Supervisory Committee, the mater shall be referred to the Advanced Studies and Research Board which may suggest such action as it may consider expedient.
 - (iii) In case a candidate, who is required to revise and re-submit his/her thesis, does not do so within the period allowed, he/she shall be declared to have failed.
- 8.13 Publication of one research paper in at least HEC approved “X” category journal; in case of Sciences /Engineering and “Y” category in case of all other disciplines, is essential for the award of PhD degree. The financial incentive to the teacher will be redeemable after the publication of the paper. The name of the authors must include the names/s of supervisor/s.
- 8.14 Student is required to submit the finally approved three copies of hardbound PhD thesis along with two CDs. one each for HEC and University Library.
- 8.15 The color of hard bound cover of PhD program thesis shall be Dark Green.
- 8.16 If the thesis, submitted by a candidate for final evaluation, is proved to be copied / plagiarized, it will be liable to be rejected. The admission of such a candidate shall be cancelled and he/she will not be readmitted to PhD under any circumstances.
- 8.17 If the thesis of a candidate is proved to be plagiarized after its evaluation and declaration of result, previous result of the candidate will be cancelled and he/she will be declared to have failed in thesis examination. Such a candidate shall not be readmitted to PhD under any circumstances.

9. GENERAL REGULATIONS

- 9.1 While defending PhD Thesis by a PhD scholar in the absence of supervisor or Member, the Chairman of the Department/Director of the Institute in which student is enrolled will sign on behalf of supervisor-II or member. Note: (In case the Chairman of Supervisory Committee is also a Chairman of Teaching Department or Director of Institute and is on leave (within country) he must attend the PhD thesis defense and a date in this regard shall be fixed with his consultation.
- 9.2 For “Minor Change” in the title of the Synopsis/Thesis, a letter from the Supervisory Committee of the student, will serve the purpose.
- 9.3 In case of major change, the student will have to defend it again at University level evaluated by the Supervisory Committee.
- 9.4 The student who enrolls extra semesters beyond the minimum residential period (six semesters) will have to pay full semester fee for each and every extra semester.
- 9.5 After submission of the thesis, the students will not be allowed to stay in the University hostels
- 9.6 A candidate who has fulfilled all the requirements prescribed for the course shall be awarded the Degree of Doctor of Philosophy.





Admission Policies

A- Admission Policy/Criteria for Undergraduate BS (4-Year) Programs

- All genders having domicile of Punjab are eligible for admission.
- The maximum age limit for the eligibility is 20 years on the closing date of the applications. However, the age may be relaxed upto 2 years by the Competent Authority. Furthermore for Evening Programme Age limit will be considered 24 year and 02 year age relaxation may be granted in special case by the Competent Authority on the request of student.
- The candidates with at least 45% marks in FA/FSc/ICoM/ICS or equivalent examination are eligible to apply for all programs except Pharm-D, BSc Electrical (Telecommunication) Engineering where at least, 60% marks are required as per the requirement of the respective councils.
- For BSc Electrical/ Mechanical /Civil /Chemical Engineering Technology programs, at least, 50% marks are required as per the requirement of the respective councils.
- Admission will be granted strictly on merit i.e. on the basis of the marks obtained in FA/FSc/ICoM/ICS or equivalent examinations in 2017 and 2018 for morning programs only. However, candidates of the earlier sessions will be considered by deducting 10 marks for each year for evening programs only.
- Admission will be granted provisionally subject to verification of the certificates of the candidates from the relevant Secondary Board. Equivalence certificate is required from IBCC Islamabad/Lahore (where applicable).
- UET, Lahore Entry test is compulsory for BSc Electrical (Telecommunication) Engineering and BS (Software Engineering) programs.
- Entry test is compulsory for BSc Electrical/ Mechanical /Civil /Chemical Engineering Technology programs.
- Entry Test (LAT) conducted by HEC is Compulsory for admission in LLB 5 Year.
- The following pre-requisites have been proposed for the respective undergraduate Programs with the condition that the candidates must have studied these subjects in FSc or higher secondary level for respective Programs:

| | |
|---|---|
| BS Economics , LLB (5-years), BEd (Hons) Elementary, BBA | FSc (Pre-Medical/Pre-Engineering), ICS, or equivalent* |
| BS Home Economics | FA/ FSc or equivalent and Matric with Science |
| BS Food Science & Technology | i) FSc (Pre-Medical/Pre-Engineering) or equivalent* ii) DAE, Food Technology (2 seats) |
| BSc Electrical (Telecommunication) Engineering | i) FSc (Pre-Engineering/ Pre-Medical with additional subject of Mathematics ii) DAE, Electrical (only 2 seats) |
| BSc Electrical Engineering Technology BSc Mechanical Engineering Technology BSc Civil Engineering Technology BSc Chemical Engineering Technology | DAE Electrical, Electronics, Telecom, Mechanical, Civil and Chemical 50% seats for DAE, 50% seats for F.Sc (Pre-Engineering) |
| BS Bioinformatics, BS Physics | FSc(Pre-Engineering)/ Pre-Medical / ICS with Physics and Mathematics |
| BS Mathematics, BS (CS), BS (IT), BS (SE) | FSc (Pre-Engineering)/ Pre-Medical, with additional subject Mathematics) / ICS with Physics and Mathematics |
| BFA | a) Intermediate b) The candidate will have to pass the aptitude test conducted by the Department. |
| *BEd (1.5 year) , BBS (2 Year) | i) BA/BSc/BCom (14 Year Education) ii) Additional 10 marks will be awarded to students who have passed MA in any subject iii) Maximum 3 marks for teaching experience (one mark for each year) |

* (Equivalence certificate from IBCC)



11. Two seats shall be fixed for the candidates who have passed DAE in the respective discipline / specialization.
12. The formula for merit calculation of BSc Electrical (Telecommunication) Engineering Programme i.e.
 - i. F.Sc 70% weightage and UET Test 30% weightage.
 - ii. DAE 70% weightage and UET Test 30% weightage
13. The formula for merit calculation of BSc Electrical/ Mechanical /Civil /Chemical Engineering TechnologyPrograms i.e.
 - i. DAE 70% weightage and entry Test 30% weightage
14. Besides the open merit, the candidates may apply against the **reserved seats** for different programs as explained below:

a. For Morning Programs:

Besides the open merit, the candidates may apply the reserves seats i.e. 2% seats for co-curricular activities, 2% seats for sports, 2% seats for disabled, 2% seats for children of university employees (1% for teaching and 1% for non-teaching), 5% seats for FATA/FANA (Gilgit/Baltistan) and Baluchistan, and 5% seats for overseas Pakistani. Furthermore, one seat for the children of serving, retired Armed Forces, one seat for the children of shuhada of Armed Forces and Police personnel and one seat for female candidates from FATA. However, there will be no sports and co-curricular quota for Pharm-D, BSc Electrical (Telecommunication) Engineering, BS (SE), BSc Engineering / Electrical/Mechanical/ Civil/ Chemical / Telecommunication Technology Programs, BBA.

b. For Evening Programs:

Besides the open merit. 2% seats are reserved for children of university employees (1% for teaching and 1% for non Teaching).

Note:

- a. Only such candidates will be admitted on sports quota who have played at Board level.
- b. Admission on the reserved/quota seats will be completed by the specified committee (s) in accordance with the admission rules for reserved seats
- c. Hafiz-e-Quran will be given 20 marks. A Hafiz-e-Quran candidate shall be evaluated by the following committee.
 - i. Dr. Ghulam Shams-ur-Rehman
Chairperson, Department of Islamic Studies and Arabic
Convener
 - ii. Dr. Sher Ali
Assistant Professor, Department of Islamic Studies & Arabic
Member
 - iii. Hafiz Zia-ur-Rehman
Lecturer, Department of Islamic Studies & Arabic
Member

The fee shall be charged from the candidates under the quota of overseas Pakistanis twice the regular fee.

B- Admission Policy/Criteria for Graduate Programs i.e.

Master (2-Year) & Professional Programs i.e. MBA 1.5 year, Executive MBA, MPA (2-Year)

1. All genders having domicile of Punjab are eligible for admission.
2. The candidates shall be eligible to apply for admission, who have:
 - a. At least 45% marks in terminal degree.
 - b. At least 45% marks in the major subject in which admission is being sought (where applicable) i.e. Applied Linguistics, Applied Psychology, Applied Chemistry, Botany, Chemistry, Computer Science, Economics, English, Mathematics, Physics, Statistics and Zoology. A student how have passed BA/BSc with Mathematics or Statistics will be eligible for admission in Economics.
3. The candidates who have passed BA/BSc/BCom or equivalent examination in 2017 and 2018 will be considered for admission in morning programs. In case of evening programs, the candidates of earlier sessions will be considered by deducting 10 marks for each year.
4. Maximum age limit is 28 years on the last date of receipt of applications.
5. Age relaxation shall be granted in special cases by the Competent Authority upto 2 years.
6. For evening program admission will be granted on 50 seats, upto 35 years of age & plus 2 years relaxation in exceptional cases subject to the availability of the seat by the Competent Authority.
7. Admission applications will be submitted online and merit lists will also be displayed on website and students will also be informed through SMS alert.
8. The admission will be granted on open merit on the basis of following formula:
 - a. Total marks in BA/BSc/BCom, in case of variation total marks will be converted out of 800 + marks obtained in the major subject (where applicable). However, *Hafiz-e-Quran will be given additional 20 marks.

Total marks in BA/BSc/BCom or equivalent + 20 marks for Hafiz-e-Quran*.

* 20 marks for hafiz e Quran will be granted to those candidates who will be declared successful after evaluation by the requisite committee constituted for this purpose. A Hafiz-e-Quran candidate shall be evaluated by the following committee.

- i. Dr. Ghulam Shams-ur-Rehman
Chairperson, Department of Islamic Studies and Arabic
Convener
 - ii. Dr. Sher Ali
Assistant Professor, Department of Islamic Studies & Arabic
Member
 - iii. Hafiz Zia-ur-Rehman
Lecturer, Department of Islamic Studies & Arabic
Member
9. Criteria for MEd: Total marks in BEd+ 10 additional marks will be awarded to the candidates having Master degree in any subject.
 10. Entry Test (LAT) conducted by HEC is Compulsory for admission in LLB 3 Year.
 11. Besides the open merit, the candidates may apply against the reserved seats for different Programs as explained below:
 - a. For Morning Programs:
Besides the open merit, the candidates may apply against the reserved seats i.e. 2% seat for disabled, 2% seats for children of university employees (1%for teaching and 1% for non Teaching). However, there will be no sports quota and co-curricular quota in any professional program e.g. MBA , MBA B&F etc..



C- Admission Policy/Criteria for MS/MPhil Programs

1. The candidates must have passed MA/MSc or BS 4-years (minimum 130 credit hours) or equivalent degree in the relevant field from HEC recognized institution with at least 50% marks (Under Annual System) or 2.50 CGPA (Under Semester System) for admission to MS/MPhil programs. However, minimum 45% marks are required for admission to MS/MPhil in English/Applied Linguistics.
2. Admission applications will be submitted online and merit lists will also be displayed on website and students will also be informed through SMS alert.
3. The candidate must have passed with 60% score of departmental subject test. However, the respective Department will arrange the written test and conduct the interview.
4. The respective Dean/ acting Dean of the respective faculty shall supervise the test and interview and ensure the secrecy and transparency of the test.
5. Candidates working in the Government/Semi Government or private institutions shall have to submit "No Objection Certificate" from the concerned organization.
6. Merit Computation for MS/MPhil. Programs:
Following merit computation formula (percentages) will be adopted:

| A Academics (80) | B Subject Test (Qualify) | C Interview (16) | D Research Publication(s) (4) | Total A+C+D (100) |
|------------------------|--------------------------------|------------------------|-------------------------------------|-------------------------|
|------------------------|--------------------------------|------------------------|-------------------------------------|-------------------------|

- 1- While calculating the merit, 10% marks of the candidates shall be enhanced who have passed under annual system of a category.
 - A. Academics:** Merit will be calculated on the basis of the percentage of the Marks of the terminal degree.
 - B. Test:** The following committee has been designed to conduct the test.
 - i. Dean of the respective faculty Convener
 - ii. Director Advanced Studies/ Nominee Member
 - iii. Chairperson of the respective department Member/ Secretary
 - C Interview:**
Interview will be taken by the committee headed by the respective Dean. Other members shall be as below:
 - i. Director Advanced Studies/ Nominee Member
 - ii. Chairman of the respective department Member
 - iii. Senior faculty member/s from the respective department Member/ Secretary
 - D. Research Publication (s):**
Following additional marks will be awarded to the candidates for publication of research paper (s)/ publication (s) in HEC recognized journal (s) as under:
 - i. 1 research paper/ publication = 2 marks
 - ii. 2 or more research papers/publications = 4 marks

D- Admission Policy/Criteria for PhD Programs

1. The candidates must have passed MS/MPhil or equivalent with minimum CGPA 3.00 out of 4.00 (Under Semester System) or 1st Division (Under Annual System) from HEC recognized institution.
2. Admission applications will be submitted online and merit lists will also be displayed on website and students will also be informed through SMS alert.
3. The candidate must have passed departmental subject test with 70% score as the GRE subject test of NTS (test score 60%) has been abolished in pursuance of the decision of the Lahore High Court Lahore on the analogy of other public sector Universities of the Punjab. However the schedule of the test will be displayed on the University website.
4. The respective Dean/ acting Dean of the respective faculty shall ensure the secrecy and transparency of the test.
5. Candidates working in the Government/Semi Government or private institutions shall have to submit "No Objection Certificate" from the concerned organization.
6. Merit Computation for PhD Programs:

Following merit computation formula (percentages) will be adopted:

| A Academics (80) | B Subject Test (Qualify) | C Interview (16) | D Research Publication(s)(4) | Total A+B+C (100) |
|------------------------|--------------------------------|------------------------|---------------------------------|-------------------------|
|------------------------|--------------------------------|------------------------|---------------------------------|-------------------------|

Note:

While calculating the merit, 10% marks will be enhanced of the candidates passed under annual system of A category.

a. Academics:

MS/MPhil or equivalent: Minimum 1st Division (Annual System) or 70% marks or 3.00 (out of 4.00) CGPA (Under Semester System)

B. Test: Qualifying (with 70% marks)

The following committee has been designed to conduct the test.

- | | |
|---|-------------------|
| i. Dean of the respective faculty | Convener |
| ii. Director Advanced Studies/ Nominee | Member |
| iii. Chairperson of the respective department | Member/ Secretary |

C. Interview:

Interview will be taken by the committee headed by the respective Dean. Other members shall be as below:

- | | |
|---|-------------------|
| i. Director Advanced Studies/ Nominee | Member |
| ii. Chairman of the respective department | Member |
| iii. Senior faculty member/s from the respective department | Member/ Secretary |

c. Research Publication(s):

Following additional marks will be awarded to the candidates for publication of research paper (s)/ publication (s) in HEC recognized journal (s) as under:

- | | | |
|--|---|---------|
| i. 1 research paper/ publication | = | 2 marks |
| ii. 2 or more research papers/publications | = | 4 marks |



E- Reserved Seats Committee

a. Reserve Seats / Sports

| | | |
|-------|---|-------------------|
| i. | Prof. Dr. Hazoor Muhammad Sabir Dean, Faculty of Economics and Management Sciences | Convener |
| ii. | Prof. Dr. Tayyaba Sultana Department of Zoology | Member |
| iii. | Dr. M. Nadeem Sohail Director Student Affairs | Member |
| iv. | Dr. Muhammad Hidayat Rasool Chairperson, Department of Microbiology | Member |
| v. | Dr. Ghulam Shamas Ur Rehman Director Advanced Studies | Member |
| vi. | Dr. Zahid Mahmood Director Undergraduate Studies | Member |
| vii. | Mr. Abdul Qadir Mushtaq Coordinator, Department of History & Pakistan Studies | Member |
| viii. | Mr. Muhammad Rafique Wahla Director Sports | Member/ Secretary |

b. Reserve seats for FATA/FANA, Gilgat Baltistan Quota

| | | |
|------|---|-------------------|
| i. | Prof. Dr. Hazoor Muhammad Sabir Dean, Faculty of Economics and Management Sciences | Convener |
| ii. | Prof. Dr. Tayyaba Sultana Department of Zoology | Member |
| iii. | Dr. Muhammad Hidayat Rasool Chairperson, Department of Microbiology | Member |
| iv. | Dr. Ghulam Shamas Ur Rehman Director Advanced Studies | Member |
| v. | Dr. Zahid Mahmood Director Undergraduate Studies | Member |
| vi. | Mr. Abdul Qadir Mushtaq Coordinator, Department of History & Pakistan Studies | Member |
| vii. | Dr. M. Nadeem Sohail Director Student Affairs | Member/ Secretary |

F- (BS/BSc/Equivalent 4-Year) Programs

| Sr No. | Disciplines | No. of Seats | |
|--------|--|--------------|---------|
| | | Morning | Evening |
| 1. | Applied Chemistry | 50 | 50 |
| 2. | Applied Linguistics | 50 | 50 |
| 3. | Applied Psychology | 50 | N.A. |
| 4. | Arabic | 50 | N.A. |
| 5. | Art and Design | 200 | N.A. |
| 6. | BEd (Hons) Elementary | 50 | N.A. |
| 7. | BBA | 150 | 150 |
| 8. | Bio Chemistry | 50 | 50 |
| 9. | Bioinformatics | 50 | 50 |
| 10. | Biotechnology | 50 | 50 |
| 11. | Botany | 50 | 50 |
| 12. | BSc Electrical (Telecommunication) Engineering | 80* | N.A. |
| 13. | BSc Electrical Engineering Technology | 50 | ----- |
| 14. | BSc Civil Engineering Technology | 50 | ----- |
| 16. | BSc Chemical Technology | 50 | ----- |
| 17. | BSc Mechanical Engineering Technology | 50 | ----- |
| 18. | Chemistry | 50 | 50 |
| 19. | Commerce | 50 | 50 |
| 20. | Computer Science | 50 | 50 |
| 18. | Eastern Medicine & Surgery | 50 | ----- |
| 19. | Economics | 50 | 50 |
| 20. | English Literature | 50 | N.A. |
| 21. | Environmental Sciences | 50 | 50 |
| 22. | Food Science & Technology | 50 | 50 |
| 23. | Geography | 50 | N.A. |
| 24. | Geographic Information System & Remote Sensing | 50 | |
| 25. | History | 50 | N.A. |
| 26. | Home Economics | 50 | N.A. |
| 27. | Human Nutrition & Dietetics | 50 | 50 |
| 28. | Information Technology | 50 | 50 |

| Sr No. | Disciplines | No. of Seats | |
|--------|------------------------------------|--------------|---------|
| | | Morning | Evening |
| 29. | International Relations | 50 | 50 |
| 30. | Islamic Studies | 50 | N.A. |
| 31. | Mass Communication | 50 | N.A. |
| 32. | Mathematics | 50 | 50 |
| 33. | Medical Lab Technology | 50 | ----- |
| 34. | Microbiology | 50 | 50 |
| 35. | Operation Theater Technology | 50 | ----- |
| 36. | Orthotics and Prosthetics | 50 | ----- |
| 37. | Pakistan Studies | 50 | N.A. |
| 38. | Persian | 50 | N.A. |
| 39. | Physics | 50 | 50 |
| 40. | Physiology | 50 | N.A. |
| 41. | Political Science | 50 | 50 |
| 42. | Politics and parliamentary Studies | 50 | 50 |
| 43. | Public Administration | 50 | N.A. |
| 44. | Punjabi | 50 | ----- |
| 45. | Radiography and imaging Technology | 50 | ----- |
| 46. | Sociology | 50 | 50 |
| 47. | Software engineering | 50 | 50 |
| 48. | Statistics | 50 | N.A. |
| 49. | Urdu | 50 | N.A. |
| 50. | Zoology | 50 | 50 |

Note:

10 seats in addition to the existing seats in every department of all the morning & evening programs in all (BS & Master) shall be allowed on payment of Rs. 25000/- (Twenty five thousands) per semester as bench fee in addition to the regular fee of the program except in the BSc Electrical (Telecommunication) Engineering & BS Software Engineering programs.



G-(BS/BSc/Equivalent 5-Year) Programs

| | | | |
|---|----------------------------|-----|-------|
| 1 | Doctor of Physical therapy | 50 | 50 |
| 2 | Law (05 Year) | 100 | 100 |
| 3 | Pharmacy (Pharm-D) | 60 | ----- |

H- Masters Programs

| Sr No | Disciplines | No. of Seats (Open merit) | |
|-------|-----------------------------|---------------------------|---------|
| | | Morning | Evening |
| 1 | Applied Chemistry | 50 | N.A. |
| 2 | Applied Linguistics | 50 | 50 |
| 3 | Applied Psychology | 50 | N.A. |
| 4 | Arabic | 50 | N.A. |
| 5 | BBS | 50 | N.A. |
| 6 | Biotechnology | 50 | 50 |
| 7 | Botany | 50 | 50 |
| 8 | Chemistry | 50 | 50 |
| 9 | Commerce | 50 | 50 |
| 10 | Computer Science | 50 | N.A. |
| 11 | Criminology | N.A. | 50 |
| 12 | Economics | 50 | 50 |
| 13 | Education | 50 | 50 |
| 14 | English Literature | 50 | 50 |
| 15 | Geography | 50 | 50 |
| 16 | History | 50 | 50 |
| 17 | International Relations | 50 | 50 |
| 18 | Islamic Studies | 50 | N.A. |
| 19 | Law (3 Year) | 100 | 100 |
| 20 | Library & Informatio system | 50 | N.A. |
| 21 | Mass Communication | 50 | 50 |
| 22 | Mathematics | 50 | 50 |

| Sr No | Disciplines | No. of Seats (Open merit) | |
|-------|---------------------------------------|---------------------------|---------|
| | | Morning | Evening |
| 23 | MBA 1.5 | 50 | 50 |
| 24 | Exective MBA | 50 | 50 |
| 25 | Pakistan Studies | 50 | 50 |
| 26 | Physical Education and Sports Science | 50 | 50 |
| 27 | Physics | 50 | 50 |
| 28 | Political Science | 50 | 50 |
| 29 | Public Administration | 50 | 50 |
| 30 | Public Health | ----- | 50 |
| 31 | Punjabi | 50 | N.A. |
| 32 | Social Work | 50 | N.A. |
| 33 | Sociology | 50 | 50 |
| 34 | Statistics | 50 | N.A. |
| 35 | Urdu | 50 | 50 |
| 36 | Zoology | 50 | 50 |

Note:

10 seats in addition to the existing seats in every department of all the morning & evening programs in all (BS & Master) shall be allowed on payment of Rs. 25000/- (Twenty five thousands) per semester as bench fee in addition to the regular fee of the program.

Eligibility for admission to MA Punjabi/ MA Urdu programs will be granted only with anyone of these subjects (Arabic, Urdu, Persian, Punjabi, Islamic Studies) in BA. Parallel admission in any program is not allowed. The candidate may get admission in the higher degree.

I- MS/MPhil Programs

| Evening | | |
|----------------|--|--------------|
| Sr No | Disciplines | No. of Seats |
| | | Evening |
| 1 | Applied Chemistry | 30 |
| 2 | Applied Linguistics | 30 |
| 3 | Arabic | 20 |
| 4 | Bio Chemistry | 30 |
| 5 | Bioinformatics | 30 |
| 6 | Biotechnology | 30 |
| 7 | Botany | 30 |
| 8 | Business Administration | 60 |
| 9 | Commerce | 20 |
| 10 | Chemistry (Analytical, Organic, Inorganic, Physical) | 120 |
| 11 | Computer Science | 20 |
| 12 | Economics | 30 |
| 13 | Education | 20 |
| 14 | English | 20 |
| 15 | Environmental Engineering | 30 |
| 16 | Environmental Sciences | 30 |
| 17 | Food Science & Technology | 30 |
| 18 | Food Safety & Quality Management. | 30 |
| 19 | History | 20 |
| 20 | Human Nutrition & Dietetic | 20 |
| 21 | Information Technology | 20 |
| 22 | International Relations | 20 |

| Evening | | |
|----------------|-----------------------|--------------|
| Sr No | Disciplines | No. of Seats |
| | | Evening |
| 23 | Islamic Studies | 30 |
| 24 | Mathematics | 30 |
| 25 | Microbiology | 30 |
| 26 | Nano Technology | 20 |
| 27 | Pakistan Studies | 20 |
| 28 | Persian | 20 |
| 29 | Political Science | 20 |
| 30 | Punjabi | 20 |
| 31 | Pharmacology | 20 |
| 32 | Pharmaceutics | 20 |
| 33 | Physics | 30 |
| 34 | Phytomedicine | 20 |
| 35 | Physiology | 20 |
| 36 | Public Administration | 20 |
| 37 | Sociology | 30 |
| 38 | Software Engineering | 20 |
| 39 | Statistics | 20 |
| 40 | Urdu | 30 |
| 41 | Zoology | 30 |

| Weekend | | |
|----------------|-----------------------------------|--------------|
| Sr. | Disciplines | No. of Seats |
| | | Morning |
| 1 | Applied Chemistry | 20 |
| 2 | Banking and Finance | 20 |
| 3 | Biotechnology | 20 |
| 4 | Botany | 20 |
| 5 | Business Administration | 20 |
| 6 | Commerce | 20 |
| 7 | Computer Science | 20 |
| 8 | Economics | 20 |
| 9 | Education | 20 |
| 10 | English literature | 20 |
| 11 | Food Science & Technology | 20 |
| 12 | Food Safety & Quality Management. | 20 |
| 13 | History | 20 |
| 14 | Special Education | 20 |
| 15 | International Relations | 20 |
| 16 | Mass Communication | 20 |
| 17 | Pakistan Studies | 20 |
| 18 | Physiology | 20 |
| 19 | Political Science | 20 |
| 20 | Sociology | 20 |
| 21 | Zoology | 20 |

* The seats will be linked with the strength of the requisite faculty concerned. However on the recommendations of the admission committee the Competent Authority will decide to reduce/enhance the seats where necessary.



J- PhD Programs

| Sr. | Disciplines | No. of Seats |
|-----|-----------------------------|--------------|
| | | Morning |
| 1 | Applied Chemistry | 10 |
| 2 | Applied Linguistics | 10 |
| 3 | Arabic | 10 |
| 4 | Biochemistry | 10 |
| 5 | Biotechnology | 10 |
| 6 | Botany | 10 |
| 7 | Business Administration | 10 |
| 8 | Chemistry | 10 |
| 9 | Computer sciences | 10 |
| 10 | Economics | 10 |
| 11 | Education | 10 |
| 12 | Environmental Sciences | 10 |
| 13 | Food Science and Technology | 10 |
| 14 | Geography | 10 |
| 15 | History | 10 |
| 16 | Islamic Studies | 10 |
| 17 | Mathematics | 10 |
| 18 | Microbiology | 10 |
| 19 | Pharmaceutics | 10 |
| 20 | Physics | 10 |
| 21 | Physiology | 10 |
| 22 | Sociology | 10 |
| 23 | Urdu | 10 |
| 24 | Zoology | 10 |

K- Distance Learning Education

| Sr. | Disciplines |
|--------------------------|-------------------------|
| BA / BSc Programs | |
| 1 | BA 2 Year |
| 2 | BCom |
| 3 | B.Ed 1.5 Year |
| Master Programs | |
| 1 | Arabic |
| 2 | Economics |
| 3 | Education |
| 4 | English literature |
| 5 | History |
| 6 | International Relations |
| 7 | Islamic Studies |
| 8 | Library sciences |
| 9 | Mass Communication |
| 10 | Pakistan Studies |
| 11 | Political Science |
| 12 | Sociology |
| 13 | Urdu |

General Rules for Admission:

University reserves the right to change any clause of admission policy/number of seats or refuse admission to any applicant on disciplinary grounds.

The Vice Chancellor is authorized to amend any clause of the admission policy and admission schedule according to requirement.

Note: Admission schedule will be announced separately with the permission of the Vice Chancellor.

* The seats will be linked with the strength of the requisite faculty concerned. However, on the recommendations of the admission committee, the Competent Authority will decide to enhance the seats where necessary.





CODE OF CONDUCT

Conduct is the set of rules & regulations to maintain discipline among the students. This Code of Conduct will be enforced in the University, in the constituent Institutes and Sub-Campuses.

The Government College University Faisalabad (GCUF) has emerged as a leading research University in Pakistan. The University is fulfilling its responsibility of graduating culturally enlightened, technologically knowledgeable, academically competent and research oriented productive citizens who are prepared to lead, inspire, and serve humanity. The University wholeheartedly commits itself and all its resources to this sacred trust and responsibility.

The GCUF community comprises of a diverse population of students in pursuit of academic excellence. It strives to refine the ability of students to reason and to communicate freely and clearly so as to become responsible, morally equipped and moderate. It is therefore expected that these attributes, in turn, should be reflected in their everyday behavior, attitude and dress.

GCUF believes that the regulations, guidelines and safeguards described herein are indispensable features to maintaining an academic environment.

Definition of Terms

Unless there is anything repugnant in the subject or context, the expressions used in these regulations and defined or used in this Code of Conduct shall have the meaning assigned to them respectively.

Definitions of different terms are:

1. Complainant means a person who makes a complaint or reports a violation of the University Code of Conduct or University regulations and policies.
2. Intentional means deliberate.
3. Respondent means a person who has been accused of violating the University Code of Conduct.
4. Student means any currently enrolled person for whom the Institution maintains educational records, as defined by the University regulations.
5. Reckless means careless or heedless of the potentially harmful consequences of one's behavior, where risk of harm to persons, property or normal University operations exists or can be reasonably foreseen.
6. University Official is a person employed by the University in an administrative, supervisory, academic, research, or support staff position.
7. Authority: means Vice Chancellor, Discipline Committee and DSA, as the case may be.
8. Discipline Committee means a Committee constituted under rules of the University consisting of members and co-opted members.
9. Punishment: includes any penalty which Discipline Committee deems fit, defined in the rules.
10. DSA: means Director Student's Affairs and includes other officers of the Directorate.
11. DDC: means Departmental Discipline Committee consisting of not more than three members out of which one will be the Convener.
12. Officer: means Officers of BPS-17 and above of the University in academic & nonacademic departments and includes members of vigilance squad.

13. Fine: Fine imposed by the Committee or recommended by an officer, member of vigilance squad or by any person approved by the Authority.

14. Chairperson: means chairperson of the teaching department.

Academic Dishonesty

Academic dishonesty is an act of fraud, which may include misrepresentation, deceit, falsification, or trickery of any kind that is done by the student with the purpose, intent, or expectation of influencing a grade or other academic evaluation.

Academic dishonesty also includes forgery and falsification of University academic documents, intentionally impeding or damaging the academic work of others, or assisting other students in acts of dishonesty. Common examples of academically dishonest behavior include, but are not limited to, the following:

1. **Cheating:** Intentionally using or attempting to use unauthorized materials, information, or study aids in any academic exercise; copying from another student's examination sheet; submitting work prepared in advance for an in-class examination; taking an examination for another person or conspiring to do so.
2. **Fabrication:** Intentional and unauthorized falsification or invention of any information or citation in an academic exercise.
3. **Facilitating academic dishonesty:** Intentionally or knowingly helping or attempting to help another to commit an act of academic dishonesty.
4. **Plagiarism:** Intentionally or knowingly or unknowingly representing the words or ideas of another as one's own in any academic exercise; failure to attribute direct quotation, paraphrase, or borrowed facts or information.
5. **Unauthorized Collaboration:** Providing, either knowingly or through negligence, one's own work to assist a student in satisfying a course requirement, or representing material prepared by or with another as one's own independent work. In instances where students are permitted to work jointly to complete an assignment, instructors will offer clear guidelines about when and how to collaborate; if a student is unsure, it is the responsibility of the student to ask the instructor.

Unfair Means

Use of unfair means generally covers the following:

1. An attempt to have access to the question paper before the test/examination.
2. Use/possession of unauthorized reference material during test/examination.
3. Any form of communication by the examinees with any one in or outside the test/examination room while the test/examination is in progress.
4. Unauthorized entry into faculty's office or that of his staff with the intention of having an access to or tampering with the official record/exam paper etc.

Moral Dishonesty: Moral dishonesty means act which does not conform to known norms of decency.

Extension of the GCUF Code of Conduct: The GCUF Code of Conduct applies to conduct that occurs on the University premises, at GCUF sponsored activities and to



off-campus conduct that adversely affects the University reputation and/or the pursuit of its objectives. Each member of GCUF shall be responsible for his/her conduct.

Classroom Standards: The individual faculty member is primarily responsible for managing the classroom environment. If a student engages in any prohibited or unlawful acts or other behavior that results in disruption of a class, he or she may be directed by the faculty member to leave the class for the remainder of the class period and report the matter to the concerned Chairperson/ Incharge, who will forward the matter to DDC/Director Students Affairs. Students must be protected against infringement of their rights and unfair practices.

Identification/Registration Card: Each member of the University community is issued a picture Identification/Registration card or visitor's pass, and must wear it at all times while on University premises or at University-sponsored activities. Identification/Registration cards must be presented upon entering University buildings and must be worn while on University premises.

Identification/Registration cards are not transferable. The owner of the card will be called upon to account for any fraudulent use of his or her identification card and will be subject to disciplinary action by the University if he or she has aided such fraudulent use. The card will be forfeited if the student to whom it was issued allows any other person to use the same.

Upon card owner's withdrawal from the University, all rights and privileges related to the identification card will automatically cease. If the student withdraws, or is suspended or expelled, from the University, the identification card must be surrendered to the College/institute as the case may be.

Visitors and Guests: Students cannot invite any visitor without the permission of Competent Authority. Students may be held accountable for the acts of misconduct of their guests while on University premises or at University-sponsored activities. Visitors, including invitees shall conduct themselves, at all times, in a manner which is consistent and in line with maintenance of orderly behavior in the University premises.

Acts of In-discipline/Prohibited Conduct

All students are prohibited from engaging in conduct resulting in, or leading to, any of the following:

Academic Dishonesty: Violating the University Policy on Academic Dishonesty by committing, or attempting to commit, academic dishonesty including, but not limited to, cheating, plagiarism, fabrication, facilitating academic dishonesty of others and unauthorized collaboration.

Abuse, Assault, Threatening Behavior: Intentionally or recklessly endangering, threatening, or causing physical or mental harm to any person/ student, or oneself, on University premises or at University-sponsored activities, or intentionally or causing reasonable apprehension of such harm including, but not limited to abusive language

and/or physical or verbal intimidation, harassment, coercion etc.

Firearms, Explosives and Other Weapons: Illegal or unauthorized use, possession, or storage of firearms, explosives (including, but not limited to fireworks), other weapons, or dangerous chemicals on University premises, with or without a license to possess the same has been issued to the possessor.

Violation of Disciplinary Sanction: Violating terms of any disciplinary sanction imposed in accordance with GCUF Statutes.

Furnishing False Information, Forgery or Unauthorized Use of Documents: Intentionally furnishing false information to the University and its officials; or misusing affiliation with the University to gain access to outside agency/services; or using false information or University resources to compromise the name of the University. Forgery, unauthorized alteration, or unauthorized use of any University document or electronic transmission, or instrument of identification, or academic and non-academic records, signatures, seals, or stamps thereof.

Disorderly Conduct or Indecent Behavior: Engaging in disorderly or indecent conduct; breaching of peace; or aiding, abetting, or hiring another person to breach the peace on University premises or at University-sponsored functions/activities. Any unauthorized use of electronic or other devices to make an audio or video record of any person while on University premises without his or her prior knowledge.

Theft: Theft, or attempted theft, of property or services on University premises or at University-sponsored activities.

Damage to Property or its Destruction: Intentionally or recklessly destroying or damaging, or attempting to destroy or damage, University property or the property of others on University premises or at University-sponsored activities.

Non-Compliance With Official Direction: Failure to comply with reasonable direction of University officials acting in performance of their duties.

Violation of University Regulations and Policies: Violating University regulations or policies including amendments and additions adopted since the publication date.

Alcohol/Drugs/Intoxicants: Distribution, possession, and consumption of alcohol/drugs/intoxicants on University premises or at University-sponsored activities.

Unauthorized Access to Facilities: Unauthorized access or entry to, or use of, University facilities and equipment Unauthorized possession, duplication or use of keys to any University premises, facilities or equipment; or, unauthorized entry to or use of University premises.

Unauthorized, Use of Computer or Electronic Communication Devices: Theft or other abuse of computer facilities and resources including, but not limited to:-

1. Unauthorized entry into a file, to use, read, or change the contents, or for any other purpose.

2. Unauthorized transfer of a file.
3. Use of another individual's identification and/or password.
4. Interference with the work of another student, faculty member or University official.
5. Sending obscene, abusive or threatening messages.
6. Transmission of computer viruses.
7. Interfering with normal operation of the University computing system.
8. Unauthorized duplication of software or other violation of copyright laws.
9. Unauthorized access to, or unauthorized, mischievous or malicious use of University computer equipment or networks, or electronic communication devices, or the use of such equipment or devices to gain unauthorized access to, and/or use of, off-campus computer equipment.

Provoking Others to Misconduct: Intentionally using words or actions to provoke or encourage others to violent or retaliatory behavior, or other acts of misconduct.

Identification/Registration Cards: Failure to wear, or to produce or surrender the identification card upon the request of a University official.

Animals: Bringing an animal into any University building, with the exception of animals used for authorized laboratory purposes, or animals being used for security purpose for which express permission has been granted by the University Authority.

Demonstrations: Walking in large groups, shouting and talking loudly near class rooms, aimless sitting in corridors after class timings, demonstrations exceeding the bounds of free assembly and demonstrations engaging in unlawful acts that cause or imminently threaten injury to person or property, infringes on the rights of other members of the University community leading to or inciting others to disrupt scheduled and/or normal activities within any campus building or area (or any University sponsored activity).

Political Activities: Unauthorized use of University facilities or equipment for political activities.

Harassment: Includes the following:

1. Passing remarks, placing visual or written material, aimed at a specific person or group:
 - a. With the intention of causing harm to the person or group; and/or,
 - b. Creating an environment which limits a student's educational opportunity.
2. Making unwanted verbal or physical advances or explicit derogatory statements toward individuals, which cause them discomfort or humiliation or which interferes with their educational opportunity.
3. Physical assault.

Gambling: Unauthorized and/or illegal exchange of money favors or services as a result of an organized or unorganized game or competition.

Smoking: Smoking is prohibited on University premises.

Mobile Phones: Use of mobile phone in the class room is completely banned. It should

be switched off during class hours. No one can bring mobile phone during exams in the examination room/hall.

Abuse of the Student Conduct System

Abusing the student conduct system including, but not limited to:

1. Failure to obey the notice from a University official to appear for a meeting or hearing as part of the student conduct system.
2. Falsification, distortion or misrepresentation of information before a hearing body or designated hearing officer of the University.
3. Disruption or interference with the orderly conduct of a hearing proceeding.
4. Causing a violation of University Code of Conduct hearing to convene in bad faith.

Indecent Behavior at the Campus/ Disturbing Academic Atmosphere

Indecent behavior exhibited at the campus including classes, cafeteria, laboratories etc, defying the norms of decency, morality and religious/cultural/social values by single or group of students.

Damage to the university fixtures/furniture, scribbling/carving on desks, wall chalking, misusing of lab/university equipment, etc.

Use of mobile phone/ listening music in class rooms, examination halls, labs and library thus disrupting the calm of the said rooms.

Off-Campus Conduct: Conduct occurring off University premises is such that it should not affect the interest/image of the University.



Enforcement of Code of Conduct

Matters of indiscipline would be referred to the College, Institution or GCUF authorities, which are authorized to check indiscipline matters and decide as per GCUF rules, regulations and policy, or as per the decision of Discipline Committee it deems fit. Parents of those students who disobey authority and violate the code of conduct will be informed. Students are not allowed to bring their guests at the Campus except their parents.

Punishment or Penalty for Acts of In-Discipline

Punishment or penalty for acts of in-discipline shall be according to the gravity of the case and may be any one or more of the following:

Minor Punishments

1. **Warning in writing:** Notice to the offender, orally or in writing, that continuation or repetition of prohibited conduct may be cause for further disciplinary action.
2. **Probation:** Probation for a specific period not exceeding four months.
3. **Fine:** Fine which may amount up to Rs.5000/-.
4. **Hostel Suspension/Permanent Removal:** Expulsion from the hostel for a specified period, or permanent removal from the residence hall.
5. **Withholding of Certificate:** Withholding of a certificate of good moral character.
6. **Removal of Privileges:** Deprivation from the privileges enjoyed by the students.
7. **F Grade:** Award of "F" grade in a paper/ cancellation of the examination for one paper or more.

Major Punishments

1. **Fine:** Fine which may amount up to Rs.25000
2. **Exam Result:** Cancellation of examination result.
3. **Ineligibility:** for further admission.
4. **Rustication:** Rustication from the class for a specified period up to two semesters after the expiry of the punishment, the student shall be admitted in the semester where he/ she left.
5. **Expulsion:** includes expulsion from the University for indefinite period, cancellation of studentship and admission, ineligibility for further admission.
6. **Degree:** Non conferment of degree/transcript.

Other sanctions or a combination of above mentioned punishments as deemed appropriate.

Discipline in the Hostels

Instructions already issued in this regard by the Administrative Directorate will be followed.

Discipline Process

1. **Case referrals:** Each case of in-discipline shall be reported to the Chairperson Hall Council of the College/Institute/Centre/ through HOD or the warden of the hostel. Any charge should be submitted as soon as possible after the alleged violation takes place. Chairperson Hall Council depending upon the gravity of the case will decide to award minor punishment or refer the same to GCUF Discipline Committee for decision by senior competent authority for major punishment.
2. **Procedure-disciplinary hearing:** A disciplinary hearing is a formal process conducted by the GCUF Discipline Committee. This formal process is designed to gather and consider relevant information regarding the alleged violation/s of the Code and to determine and recommend a punishment. Every effort will be made to expedite proceedings pursuant to allegations within reasonable period.
3. **Punishments:** GCUF Discipline Committee will recommend/ impose a penalty (major or minor) as a punishment according to the gravity of the case after giving full opportunity to the defaulter to give his/ her point of view or as the case may be.
4. **Appeals:** An appeal against the Discipline Committee decision can be filed to the Vice Chancellor within fifteen days of the notification of the decision.

General

Federal/Provincial Laws and Ordinances: Violation of a Federal/Provincial law or ordinance will be dealt accordingly under these laws.

Gender Mixing: Students are strictly reminded to follow the accepted social and cultural norms of the society. Undue intimacy and unacceptable proximity, openly or in isolated areas will not be tolerated.

Littering: It is the responsibility of all to keep the Campus environment clean and tidy. Therefore, no littering or trash should be carelessly thrown or left on the Campus premises. The designated waste boxes should be used for the purpose.

Sports

1. All individuals and teams involved in sports should participate showing sportsmanship, respect, consideration and appreciation towards their opponents, team-mates, officials and University staff at all times.
2. Under no circumstances should participants react in a violent manner nor use any form of foul or abusive language, whether it is directed at a member of staff, match official, opponent, playing colleague, team official or spectator.
3. Individuals signing the player registration form agree to abide by this code of conduct and will accept that any deviation from these rules will result in disciplinary action being taken by the University.
4. Persons under the influence of drugs are not permitted to participate in sport activities at the University and as such will result in disciplinary action by GCUF.
5. Director Sports, GC University, Faisalabad will be responsible for maintaining discipline in all the playgrounds.

Library: The Librarian shall be responsible to maintain discipline in the library. He may require a student to leave the library on an act of indiscipline or report to DSA.

Parking: Wrong Parking at the University will result in fine Rs.200/- for car and Rs.100/- for motorcycle or as the case decided by the Committee or Incharge Parking Stands.

Dress Code

In order to maintain academic dignity and sanctity of the Institution, students and staff of the University are required to wear decent dress keeping in view the local cultural values. The dress restriction is not to impose any rigidity or regimentation but is in accordance with the spirit of discipline and punctuality which is the cardinal aspect of life style at GCUF campuses. Purpose of Dress Code is to establish the basic guide lines for appropriate work dress that promotes a positive image of GCUF and also allow maximum flexibility to maintain good morale, respect, cultural values and due consideration for safety while working at laboratories. To abide by the student dress code, student should not:

1. Wear tight or see-through dress.
2. Wear Shorts, or sleeve-less shirts.
3. Wear Tee-Shirts/dress bearing language or Art, which appears to be provocative or indecent and is likely to offend others.
4. Wear torn clothing.
5. Wear jogging or exercise clothing during classes.
6. Put on excessive makeup or wear expensive jewelry.
7. Wear untidy, gaudy or immodest dress in classrooms, cafeteria and university offices.
8. Wear unprofessional attire in formal programs and interviews.

All faculty members and administrative officers, support staff and students will be expected to monitor this code of conduct and report any such disregard or violations to college/institution/ headquarter GCUF for taking appropriate action/remedial measures.

NOTE: The Discipline Committee with the approval of the Competent Authority can amend/ reframe/ refresh this code of conduct.

Fee Structure

Fee Structure (Regular Programs)

1- Masters 2- Year (Science Programs) Morning: Applied Chemistry, Botany, Biotechnology, Chemistry, Environmental Sciences, Geography, Statistics, Mathematics, Physics, Physical Education, Zoology, etc.

| Semester | "Admission Fee" | "Registrartion Fee" | Tution Fee | "Examination Fee" | "Library Security" | Misc. Fee | " Total Fee " |
|----------|-----------------|---------------------|------------|-------------------|--------------------|-----------|---------------|
| 1st | 1500 | 1500 | 14200 | 2200 | 2300 | 8800 | 30,500 |
| 2nd | | | 14200 | 2200 | | 8800 | 25,200 |
| 3rd | | | 14700 | 2300 | | 8800 | 25,800 |
| 4th | | | 14700 | 2300 | | 8800 | 25,800 |
| | | | | | | Total Fee | 107,300 |

- Note:- 1) Evening Programme Tution Fee Rs. 10,000/- in addition per Semester.
 2) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.
 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.
 6) Self Finance Fee @ Rs. 25,000/- will be charged in each semester in addition to above from self financed students.

2- BS 4- Year (Science Programs)

Morning: Applied Chemistry, Bio Chemistry, Botany, Bioinformatics & Biotechnology, Chemistry, Environmental Sciences, Food Science and Nutrition, Geography, Home Economics, Mathematics, Microbiology, Physics, Physiology, GIS and Remote Sensing and Statistics, etc.

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 1500 | 1500 | 11200 | 2200 | 2300 | 8800 | 27,500 |
| 2nd | | | 11200 | 2200 | | 8800 | 22,200 |
| 3rd | | | 12000 | 2300 | | 8800 | 23,100 |
| 4th | | | 12000 | 2300 | | 8800 | 23,100 |
| 5th | | | 12500 | 2400 | | 8800 | 23,700 |
| 6th | | | 12500 | 2400 | | 8800 | 23,700 |
| 7th | | | 13000 | 2500 | | 8800 | 24,300 |
| 8th | | | 13000 | 2500 | | 8800 | 24,300 |
| | | | | | | Total Fee | 191,900 |

- Note:- 1) Evening Programme Tution Fee Rs. 10,000/- in addition per Semester.
 2) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.
 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.
 6) Self Finance Fee @ Rs. 25,000/- will be charged in each semester in addition to above from self financed students.



3- MS / MPhil (Science Programs):

Evening: App. Chemistry, Botany, Biochemistry, Bioinfo & Biotechnology, Chemistry, Environmental Sciences, Food & Nutrition, Geography, Human Nutrition & Dietetics, Mathematics, Microbiology, Pharmaceutics, Pharmacology, Physics, Physics(Nano Technology), Statistics, Zoology, etc.

| Semester | Admission Fee | Registration Fee | Tuition Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|------------------|-------------|-----------------|------------------|------------|-----------|
| 1st | 3500 | 1500 | 40500 | 2200 | 2300 | 7800 | 57,800 |
| 2nd | | | 43000 | 2200 | | 7800 | 53,000 |
| 3rd | | | 43900 | 2300 | | 7800 | 54,000 |
| 4th | | | 43900 | 2300 | | 7800 | 54,000 |
| | | | | | | Total Fee | 218,800 |

- Note:- 1) Thesis Fee @ Rs. 10000/- at the time of thesis submission.
 2) Project Fee @ Rs. 4000/- will be charged at the time of Project submission.
 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

4- PhD . (Science Programs):

App. Chemistry, Biochemistry, Biotechnology, Botany, Chemistry, Computer Science, Environmental Sciences, Food & Nutrition, Mathematics, Microbiology, Pharmaceutics, Pharmacology, Zoology, etc.

| Semester | Admission Fee | Registration Fee | Tuition Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|------------------|-------------|-----------------|------------------|------------|-----------|
| 1st | 3500 | 1500 | 42000 | 2200 | 2300 | 8400 | 59,900 |
| 2nd | | | 42000 | 2200 | | 8400 | 52,600 |
| 3rd | | | 42800 | 2300 | | 8400 | 53,500 |
| 4th | | | 42800 | 2300 | | 8400 | 53,500 |
| 5th | | | 43500 | 2400 | | 8400 | 54,300 |
| 6th | | | 43500 | 2400 | | 8400 | 54,300 |
| | | | | | | Total Fee | 328,100 |

- Note:- 1) Thesis Fee @ Rs. 15000/- at the time of thesis submission.
 2) Project Fee @ Rs. 5000/- will be charged at the time of Project submission.
 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

5- Masters 2- Year (Non Science Programs):

Morning: Arabic, English Linguistics, English Literature, Criminology Economics, Education, Islamic Studies, Urdu, Applied Psychology, Punjabi, Pol Science, International Relations, History, Pakistan Studies, Library Sciences, Mass Comm, Sociology, Social Work, etc.

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 1500 | 1500 | 11800 | 2200 | 2300 | 8000 | 27,300 |
| 2nd | | | 11800 | 2200 | | 8000 | 22,000 |
| 3rd | | | 12500 | 2400 | | 8000 | 22,900 |
| 4th | | | 12500 | 2400 | | 8000 | 22,900 |
| | | | | | | Total Fee | 95,100 |

- Note:- 1) Evening Programme Tution Fee Rs. 10,000/- in addition per Semester.
2) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.
3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.
6) Self Finance Fee @ Rs. 25,000/- will be charged in each semester in addition to above from self financed students.

6- Bachelor 4- Year (Non Science Programs):

Morning: Applied Linguistics, Applied Psychology Economics, Education, English Literature, Islamics Studies, Mass Communication, Political Science , History, Sociology, Urdu etc.

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 1500 | 1500 | 9000 | 2200 | 2300 | 8000 | 24,500 |
| 2nd | | | 9600 | 2200 | | 8000 | 19,800 |
| 3rd | | | 9600 | 2300 | | 8000 | 19,900 |
| 4th | | | 9800 | 2300 | | 8000 | 20,100 |
| 5th | | | 9900 | 2400 | | 8000 | 20,300 |
| 6th | | | 9900 | 2400 | | 8000 | 20,300 |
| 7th | | | 10000 | 2500 | | 8000 | 20,500 |
| 8th | | | 10000 | 2500 | | 8000 | 20,500 |
| | | | | | | Total Fee | 165,900 |

- Note:- 1) Evening Programme Tution Fee Rs. 10,000/- in addition per Semester.
2) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.
3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.
6) Self Finance Fee @ Rs. 25,000/- will be charged in each semester in addition to above from self financed students.



7- BS (Hons) 4- Year (Non Science Programs)

Morning: Fine Arts (Fashion Design, Graphic Design, Textile Design, Painting, etc.)

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 1500 | 1500 | 20500 | 2200 | 2300 | 8000 | 36,000 |
| 2nd | | | 22200 | 2200 | | 8000 | 32,400 |
| 3rd | | | 22400 | 2300 | | 8000 | 32,700 |
| 4th | | | 22400 | 2300 | | 8000 | 32,700 |
| 5th | | | 22600 | 2400 | | 8000 | 33,000 |
| 6th | | | 22600 | 2400 | | 8000 | 33,000 |
| 7th | | | 22600 | 2500 | | 8000 | 33,100 |
| 8th | | | 22600 | 2500 | | 8000 | 33,100 |
| | | | | | | Total Fee | 266,000 |

- Note:- 1) Evening Programme Tution Fee Rs. 10,000/- in addition per Semester.
 2) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.
 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.
 6) Self Finance Fee @ Rs. 25,000/- will be charged in each semester in addition to above from self financed students.

8- MS / MPhil (Non Science Programs)

Evening: Applied Linguistics, Arabic, Clinical Psychology, Economics , Education, English Literature, Islamic Studies, Pakistan Studies, History, Persian, Punjabi, Sociology, Urdu etc.

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 3500 | 1500 | 36000 | 2200 | 2300 | 7400 | 52,900 |
| 2nd | | | 36000 | 2200 | | 7400 | 45,600 |
| 3rd | | | 37500 | 2400 | | 7400 | 47,300 |
| 4th | | | 37500 | 2400 | | 7400 | 47,300 |
| | | | | | | Total Fee | 193,100 |
| | | | | | | Total Fee | 252,670 |

- Note:- 1) Thesis Fee @ Rs. 10000/- at the time of thesis submission.
 2) Project Fee @ Rs. 4000/- will be charged at the time of Project submission.
 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

9- PhD . (Non Science Programs)

Arabic, Economics, Education, English Literature, Linguistics Islamic Studies, History, Political Science, Sociology, Urdu etc.

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 3500 | 1500 | 36000 | 2200 | 2300 | 8000 | 53,500 |
| 2nd | | | 37300 | 2200 | | 8000 | 47,500 |
| 3rd | | | 38200 | 2300 | | 8000 | 48,500 |
| 4th | | | 38200 | 2300 | | 8000 | 48,500 |
| 5th | | | 39100 | 2400 | | 8000 | 49,500 |
| 6th | | | 39100 | 2400 | | 8000 | 49,500 |
| | | | | | | Total Fee | 297,000 |

- Note:- 1) Thesis Fee @ Rs. 15000/- will be charged at the time of Thesis submission.
 2) Project Fee @ Rs. 5000/- will be charged at the time of Project submission.
 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

10-Morning: BSc Electrical (Telecommunication) Engineering 4-Years, etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 1500 | 1500 | 33000 | 2200 | 2300 | 14000 | 54,500 |
| 2nd | | | 36000 | 2200 | | 14000 | 52,200 |
| 3rd | | | 36000 | 2300 | | 14000 | 52,300 |
| 4th | | | 36500 | 2300 | | 14000 | 52,800 |
| 5th | | | 36500 | 2400 | | 14000 | 52,900 |
| 6th | | | 36500 | 2400 | | 14000 | 52,900 |
| 7th | | | 37500 | 2500 | | 14000 | 54,000 |
| 8th | | | 37500 | 2500 | | 14000 | 54,000 |
| | | | | | | Total Fee | 425,600 |

- Note:- 1) Evening Programme Tution Fee Rs. 10000/- in addition per Semester.
 2) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.
 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.



11- BSc (Chemical, Civil, Electrical, Mechanical) Engineering Technology. (4Years Program), etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 1500 | 1500 | 31500 | 2200 | 2300 | 8800 | 47,800 |
| 2nd | | | 33700 | 2200 | | 8800 | 44,700 |
| 3rd | | | 34000 | 2300 | | 8800 | 45,100 |
| 4th | | | 34000 | 2300 | | 8800 | 45,100 |
| 5th | | | 34500 | 2400 | | 8800 | 45,700 |
| 6th | | | 34500 | 2400 | | 8800 | 45,700 |
| 7th | | | 36200 | 2500 | | 8800 | 47,500 |
| 8th | | | 36200 | 2500 | | 8800 | 47,500 |
| | | | | | | Total Fee | 369,101 |

12- BS (Hons) 4- Year (Business & Professional Programs): Morning: Commerce, BBA, Public Administration, etc.

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|------------------|---------------|-------------------|------------|-----------------|------------------|------------|----------------|
| 1st | 1500 | 1500 | 20500 | 2200 | 2300 | 7500 | 35,500 |
| 2nd | | | 22700 | 2200 | | 7500 | 32,400 |
| 3rd | | | 22700 | 2300 | | 7500 | 32,500 |
| 4th | | | 22700 | 2300 | | 7500 | 32,500 |
| 5th | | | 23000 | 2400 | | 7500 | 32,900 |
| 6th | | | 23000 | 2400 | | 7500 | 32,900 |
| 7th | | | 23500 | 2500 | | 7500 | 33,500 |
| 8th | | | 23500 | 2500 | | 7500 | 33,500 |
| Total Fee | | | | | | | 265,700 |

- Note:-
- 1) Evening Programme Tution Fee Rs. 10000/- in addition per Semester.
 - 2) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.
 - 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
 - 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 - 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

13- BS (Hons) 4- Year (Business & Professional Programs): Morning: B.S (Software Engineering), etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 1500 | 1500 | 29000 | 2200 | 2300 | 10600 | 47,100 |
| 2nd | | | 30000 | 2200 | | 10600 | 42,800 |
| 3rd | | | 31200 | 2300 | | 10600 | 44,100 |
| 4th | | | 31200 | 2300 | | 10600 | 44,100 |
| 5th | | | 33000 | 2400 | | 10600 | 46,000 |
| 6th | | | 33000 | 2400 | | 10600 | 46,000 |
| 7th | | | 35000 | 2500 | | 10600 | 48,100 |
| 8th | | | 35000 | 2500 | | 10600 | 48,100 |
| | | | | | | Total Fee | 366,300 |

14- BS (Hons) 4- Year (Business & Professional Programs) : Morning: BS (Computer Science, IT) , etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 1500 | 1500 | 21000 | 2200 | 2300 | 10500 | 39,000 |
| 2nd | | | 22500 | 2200 | | 10500 | 35,200 |
| 3rd | | | 23000 | 2300 | | 10500 | 35,800 |
| 4th | | | 23000 | 2300 | | 10500 | 35,800 |
| 5th | | | 24000 | 2400 | | 10500 | 36,900 |
| 6th | | | 24000 | 2400 | | 10500 | 36,900 |
| 7th | | | 24000 | 2500 | | 10500 | 37,000 |
| 8th | | | 24000 | 2500 | | 10500 | 37,000 |
| | | | | | | Total Fee | 293,600 |

- Note:- 1) Evening Programme Tution Fee Rs. 10000/- in addition per Semester.
 2) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.
 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.
 6) Self Finance Fee @ Rs. 25,000/- will be charged in each semester in addition to above from self financed students. (Where Applicable)



15- 5-Year (Business & Professional Program) : Morning: Pharm-D , etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 1500 | 1500 | 36400 | 2200 | 2300 | 12600 | 56,500 |
| 2nd | | | 38100 | 2200 | | 12600 | 52,900 |
| 3rd | | | 38400 | 2300 | | 12600 | 53,300 |
| 4th | | | 38400 | 2300 | | 12600 | 53,300 |
| 5th | | | 38000 | 2400 | | 12600 | 53,000 |
| 6th | | | 38000 | 2400 | | 12600 | 53,000 |
| 7th | | | 39900 | 2500 | | 12600 | 55,000 |
| 8th | | | 39900 | 2500 | | 12600 | 55,000 |
| 9th | | | 39800 | 2600 | | 12600 | 55,000 |
| 10th | | | 39800 | 2600 | | 12600 | 55,000 |
| | | | | | | Total Fee | 542,000 |

Note:- 1) Evening Programme Tution Fee Rs. 10000/- in addition per Semester.

2) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.

3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.

4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.

5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

6) Self Finance Fee @ Rs. 25,000/- will be charged in each semester in addition to above from self financed students. (Where Applicable)

16- 5-Year (Business & Professional Program) : Morning: LLB(Hons) 5 Year, etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 1500 | 1500 | 19000 | 2200 | 2300 | 4200 | 30,700 |
| 2nd | | | 20500 | 2200 | | 4200 | 26,900 |
| 3rd | | | 21000 | 2300 | | 4200 | 27,500 |
| 4th | | | 21000 | 2300 | | 4200 | 27,500 |
| 5th | | | 21000 | 2400 | | 4200 | 27,600 |
| 6th | | | 21000 | 2400 | | 4200 | 27,600 |
| 7th | | | 21500 | 2500 | | 4200 | 28,200 |
| 8th | | | 21500 | 2500 | | 4200 | 28,200 |
| 9th | | | 23000 | 2600 | | 4200 | 29,800 |
| 10th | | | 23000 | 2600 | | 4200 | 29,800 |
| | | | | | | Total Fee | 283,800 |

17- Master 3-Year (Business & Professional Programs) : Morning: LLB (3 Year), etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 1500 | 1500 | 24000 | 2200 | 2300 | 8800 | 40,300 |
| 2nd | | | 24500 | 2200 | | 8800 | 35,500 |
| 3rd | | | 25000 | 2300 | | 8800 | 36,100 |
| 4th | | | 25000 | 2300 | | 8800 | 36,100 |
| 5th | | | 25000 | 2400 | | 8800 | 36,200 |
| 6th | | | 25000 | 2400 | | 8800 | 36,200 |

Note:-

- 1) Evening Programme Tution Fee Rs. 10000/- in addition per Semester.
- 2) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.
- 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
- 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
- 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above. 6) Self Finance Fee @ Rs. 25,000/- will be charged in each semester in addition to above from self financed students.



18-Master 2-Year (Business & Professional Programs) : Morning: Master of Commerce (MCom), Master of Public Administration (MPA), etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 2500 | 1500 | 37500 | 2200 | 2300 | 8000 | 54,000 |
| 2nd | | | 39000 | 2200 | | 8000 | 49,200 |
| 3rd | | | 39000 | 2300 | | 8000 | 49,300 |
| 4th | | | 39000 | 2300 | | 8000 | 49,300 |
| | | | | | | Total Fee | 201,800 |

- Note:-
- 1) Evening Programme Tution Fee Rs. 10000/- in addition per Semester.
 - 2) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.
 - 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
 - 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 - 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.
 - 6) Self Finance Fee @ Rs. 25,000/- will be charged in each semester in addition to above from self financed students.

19- MBA 1.5 Year , etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 2500 | 1500 | 42000 | 2200 | 2300 | 8000 | 58,500 |
| 2nd | | | 42000 | 2200 | | 8000 | 52,200 |
| 3rd | | | 42000 | 2300 | | 8000 | 52,300 |
| | | | | | | Total Fee | 163,000 |

- Note:-
- 1) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.
 - 2) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
 - 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 - 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

20- MS / MPhil 2-Year (Business & Professional Programs) : MS / MPhil / LLM / Business Administration / Banking & Finance / Public Administration / Commerce, etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 3500 | 1500 | 52000 | 2200 | 2300 | 4500 | 66,000 |
| 2nd | | | 52000 | 2200 | | 4500 | 58,700 |
| 3rd | | | 54000 | 2300 | | 4500 | 60,800 |
| 4th | | | 54000 | 2300 | | 4500 | 60,800 |
| | | | | | | Total Fee | 246,300 |

- Note:- 1) Thesis Fee @ Rs. 10000/- will be charged at the time of Thesis submission.
 2) Project Fee @ Rs. 4000/- will be charged at the time of Project submission.
 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

21-PhD Business Administration, etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 3500 | 1500 | 50000 | 2200 | 2300 | 8300 | 67,800 |
| 2nd | | | 50000 | 2200 | | 8300 | 60,500 |
| 3rd | | | 50000 | 2300 | | 8300 | 60,600 |
| 4th | | | 52400 | 2300 | | 8300 | 63,000 |
| 5th | | | 52400 | 2400 | | 8300 | 63,100 |
| 6th | | | 54000 | 2400 | | 8300 | 64,700 |
| | | | | | | Total Fee | 379,700 |

- Note:- 1) Thesis Fee @ Rs. 15000/- will be charged at the time of Thesis submission.
 2) Project Fee @ Rs. 5000/- will be charged at the time of Project submission.
 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.



22- Masters 2-Year (Business & Professional Programs) : MSc (Computer Science), etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 2500 | 1500 | 44500 | 2200 | 2300 | 8000 | 61,000 |
| 2nd | | | 46500 | 2200 | | 8000 | 56,700 |
| 3rd | | | 47500 | 2300 | | 8000 | 57,800 |
| 4th | | | 47500 | 2300 | | 8000 | 57,800 |
| | | | | | | Total Fee | 233,300 |

- Note:-
- 1) Evening Programme Tution Fee Rs. 10000/- in addition per Semester.
 - 2) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.
 - 3) Project Fee @ Rs. 1500/- will be charged at the time of Thesis submission.
 - 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 - 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.
 - 6) Self Finance Fee @ Rs. 25,000/- will be charged in each semester in addition to above from self financed students.

23-Masters 2-Year (Business & Professional Programs)

MS Computer Science, Software Engineering, Information Technology, etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 3500 | 1500 | 54000 | 2200 | 2300 | 9500 | 73,000 |
| 2nd | | | 55300 | 2200 | | 9500 | 67,000 |
| 3rd | | | 55700 | 2300 | | 9500 | 67,500 |
| 4th | | | 55700 | 2300 | | 9500 | 67,500 |
| | | | | | | Total Fee | 275,000 |

- Note:-
- 1) Thesis Fee @ Rs. 10000/- will be charged at the time of Thesis submission.
 - 2) Project Fee @ Rs. 4000/- will be charged at the time of project submission.
 - 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 - 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

24- Doctor of Physical Therapy, etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 1500 | 1500 | 29000 | 2200 | 2300 | 7200 | 43,700 |
| 2nd | | | 32000 | 2200 | | 7200 | 41,400 |
| 3rd | | | 32000 | 2300 | | 7200 | 41,500 |
| 4th | | | 32000 | 2300 | | 7200 | 41,500 |
| 5th | | | 33200 | 2400 | | 7200 | 42,800 |
| 6th | | | 33200 | 2400 | | 7200 | 42,800 |
| 7th | | | 33500 | 2500 | | 7200 | 43,200 |
| 8th | | | 33500 | 2500 | | 7200 | 43,200 |
| 9th | | | 35000 | 2600 | | 7200 | 44,800 |
| 10th | | | 35000 | 2600 | | 7200 | 44,800 |
| | | | | | | Total Fee | 429,700 |

25- Bachelor of Eastern Medicine and Surgery, etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 1500 | 1500 | 18000 | 2200 | 2300 | 7500 | 33,000 |
| 2nd | | | 20200 | 2200 | | 7500 | 29,900 |
| 3rd | | | 20300 | 2300 | | 7500 | 30,100 |
| 4th | | | 20300 | 2300 | | 7500 | 30,100 |
| 5th | | | 20500 | 2400 | | 7500 | 30,400 |
| 6th | | | 20500 | 2400 | | 7500 | 30,400 |
| 7th | | | 21000 | 2500 | | 7500 | 31,000 |
| 8th | | | 21000 | 2500 | | 7500 | 31,000 |
| 9th | | | 22000 | 2600 | | 7500 | 32,100 |
| 10th | | | 22000 | 2600 | | 7500 | 32,100 |
| | | | | | | Total Fee | 310,100 |

Note:- 1) Evening Programme Tution Fee Rs. 10000/- in addition per Semester. 2) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission. 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission. 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above. 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above. 6) Self Finance Fee @ Rs. 25,000/- will be charged in each semester in addition to above from self financed students.



26- BS (H) Allied Health Professionals Medical Lab Technology, Operation Theater Technology, Radiography and Imaging Technology, etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 1500 | 1500 | 18000 | 2200 | 2300 | 8100 | 33,600 |
| 2nd | | | 18700 | 2200 | | 8100 | 29,000 |
| 3rd | | | 19000 | 2300 | | 8100 | 29,400 |
| 4th | | | 19000 | 2300 | | 8100 | 29,400 |
| 5th | | | 19000 | 2400 | | 8100 | 29,500 |
| 6th | | | 19000 | 2400 | | 8100 | 29,500 |
| 7th | | | 20000 | 2500 | | 8100 | 30,600 |
| 8th | | | 20000 | 2500 | | 8100 | 30,600 |
| | | | | | | Total Fee | 241,600 |

27-BS (H) Orthotics and Prosthetics, etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 1500 | 1500 | 28000 | 2200 | 2300 | 9700 | 45,200 |
| 2nd | | | 29000 | 2200 | | 9700 | 40,900 |
| 3rd | | | 30000 | 2300 | | 9700 | 42,000 |
| 4th | | | 30000 | 2300 | | 9700 | 42,000 |
| 5th | | | 32000 | 2400 | | 9700 | 44,100 |
| 6th | | | 32000 | 2400 | | 9700 | 44,100 |
| 7th | | | 33500 | 2500 | | 9700 | 45,700 |
| 8th | | | 33500 | 2500 | | 9700 | 45,700 |
| | | | | | | Total Fee | 349,700 |

Note:- 1) Evening Programme Tution Fee Rs. 10000/- in addition per Semester. 2) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission. 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission. 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above. 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above. 6) Self Finance Fee @ Rs. 25,000/- will be charged in each semester in addition to above from self financed students.

28- Masters of Public Health (MPH) , etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1st | 1500 | 1500 | 45500 | 2200 | | 17800 | 68,500 |
| 2nd | | | 45500 | 2200 | | 20900 | 68,600 |
| 3rd | | | 45500 | 2300 | | 20900 | 68,700 |
| 4th | | | 45500 | 2300 | | 30800 | 78,600 |
| | | | | | | Total Fee | 284,400 |

Note:-

- 1) Evening Programme Tution Fee Rs. 10000/- in addition per Semester.
- 2) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.
- 3) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
- 4) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
- 5) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.
- 6) Self Finance Fee @ Rs. 25,000/- will be charged in each semester in addition to above from self financed students.



Fee Structure (Weekend Programs)

1- Masters 2- Year (Science Programs)

Morning: Applied Chemistry, Botany, Biotechnology, Chemistry, Statistics, Environmental Sciences, Physics, Zoology, Geography, Math, Physical Education, etc

| Semester | Admission Fee | Registration Fee | Tuition Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|------------------|-------------|-----------------|------------------|------------|-----------|
| 1 | 1500 | 1500 | 22000 | 2200 | 2300 | 11000 | 40,500 |
| 2 | | | 22100 | 2200 | | 11000 | 35,300 |
| 3 | | | 23500 | 2300 | | 11000 | 36,800 |
| 4 | | | 23500 | 2300 | | 11000 | 36,800 |
| Total: | | | | | | | 149,400 |

Note:- 1) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission. 2) Project Fee @ Rs. 1500/- will be charged at the time of Project submission. 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above. 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

2- MS / MPhil (Science Programs)

Botany, Chemistry, Environmental Sciences, Industrial Chemistry, Mathematics, Physics, Zoology, Geography, Microbiology, Bioinfo & Biotechnology, BioChemistry, Pharmacy, Physiology, etc

| Semester | Admission Fee | Registration Fee | Tuition Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|------------------|-------------|-----------------|------------------|------------|-----------|
| 1 | 3500 | 1500 | 40500 | 2200 | 2300 | 7800 | 57,800 |
| 2 | | | 43000 | 2200 | | 7800 | 53,000 |
| 3 | | | 43900 | 2300 | | 7800 | 54,000 |
| 4 | | | 43900 | 2300 | | 7800 | 54,000 |
| Total: | | | | | | | 218,800 |

Note:- 1) Thesis Fee @ Rs. 10000/- will be charged at the time of Thesis submission. 2) Project Fee @ Rs. 4000/- will be charged at the time of Project submission. 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above. 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

3- Masters 2- Year (Non Science Programs)

Arabic, Criminology ,English Linguistics, English Literature, Economics, Education, Islamic Studies, Urdu, Applied Psychology, Library Sciences, Political Science, International Relations,History, Pakistan Studies, Mass Communication, Sociology, Punjabi, etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1 | 1500 | 1500 | 21000 | 2200 | 2300 | 9000 | 37,500 |
| 2 | | | 21000 | 2200 | | 9000 | 32,200 |
| 3 | | | 21500 | 2300 | | 9000 | 32,800 |
| 4 | | | 21500 | 2300 | | 9000 | 32,800 |
| Total: | | | | | | | 135,300 |

- Note:- 1) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.
2) Project Fee @ Rs. 5000/- will be charged at the time of Project submission.
3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

4-MS / MPhil (Non Science Programs)

Applied Linguistics, Clinical Psychology, Islamic Studies, Pak Studies, Urdu, Arabic, English Literature, Economics, Sociology, etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1 | 3500 | 1500 | 36000 | 2200 | 2300 | 7400 | 52,900 |
| 2 | | | 36000 | 2200 | | 7400 | 45,600 |
| 3 | | | 37500 | 2400 | | 7400 | 47,300 |
| 4 | | | 37500 | 2400 | | 7400 | 47,300 |
| Total: | | | | | | | 193,100 |

- Note:- 1) Thesis Fee @ Rs. 10000/- will be charged at the time of Thesis submission.
2) Project Fee @ Rs. 4000/- will be charged at the time of Project submission.
3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.



5- Year (Business & Professional Programs) ,etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1 | 1500 | 1500 | 29800 | 2200 | 2300 | 8600 | 45,900 |
| 2 | | | 29800 | 2200 | | 8600 | 40,600 |
| 3 | | | 32500 | 2300 | | 8600 | 43,400 |
| 4 | | | 32500 | 2300 | | 8600 | 43,400 |
| 5 | | | 35700 | 2400 | | 8600 | 46,700 |
| 6 | | | 35700 | 2400 | | 8600 | 46,700 |
| 7 | | | 38700 | 2500 | | 8600 | 49,800 |
| 8 | | | 38700 | 2500 | | 8600 | 49,800 |
| Total: | | | | | | | 366,300 |

6- MBA Executive 2 Year ,etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1 | 2500 | 1500 | 36000 | 2200 | 2300 | 8100 | 52,600 |
| 2 | | | 36000 | 2200 | | 8100 | 46,300 |
| 3 | | | 37000 | 2300 | | 8100 | 47,400 |
| 4 | | | 37000 | 2300 | | 8100 | 47,400 |
| Total: | | | | | | | 193,700 |

- Note:-
- 1) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.
 - 2) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
 - 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 - 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

7- Masters 2-Year (Business & Professional Programs)

Master of Commerce (MCom), Master of Public Administration, etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1 | 2500 | 1500 | 52500 | 2200 | 2300 | 9400 | 70,400 |
| 2 | | | 52500 | 2200 | | 9400 | 64,100 |
| 3 | | | 56000 | 2300 | | 9400 | 67,700 |
| 4 | | | 56000 | 2300 | | 9400 | 67,700 |
| Total: | | | | | | | 269,900 |

8- Masters 2-Year (Business & Professional Programs)

MSc Computer Science, etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1 | 2500 | 1500 | 56000 | 2200 | 2300 | 8400 | 72,900 |
| 2 | | | 56000 | 2200 | | 8400 | 66,600 |
| 3 | | | 57500 | 2300 | | 8400 | 68,200 |
| 4 | | | 57500 | 2300 | | 8400 | 68,200 |
| Total: | | | | | | | 275,900 |

- Note:-
- 1) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.
 - 2) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
 - 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 - 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.



9- Masters 2-Year (Business & Professional Programs)

MS Computer Science ,etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1 | 3500 | 1500 | 54000 | 2200 | 2300 | 9500 | 73,000 |
| 2 | | | 55300 | 2200 | | 9500 | 67,000 |
| 3 | | | 55700 | 2300 | | 9500 | 67,500 |
| 4 | | | 55700 | 2300 | | 9500 | 67,500 |
| Total: | | | | | | | 275,000 |

- Note:-
- 1) Thesis Fee @ Rs. 3000/- will be charged at the time of Thesis submission.
 - 2) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
 - 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 - 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

10-MS / MPhil 2-Year (Business & Professional Programs)

MS / MPhil / LLM / Business Administration / Public Administration / Commerce, etc

| Semester | Admission Fee | Registrartion Fee | Tution Fee | Examination Fee | Library Security | Other Dues | Total Fee |
|----------|---------------|-------------------|------------|-----------------|------------------|------------|-----------|
| 1 | 3500 | 1500 | 52000 | 2200 | 2300 | 4500 | 66,000 |
| 2 | | | 52000 | 2200 | | 4500 | 58,700 |
| 3 | | | 54000 | 2300 | | 4500 | 60,800 |
| 4 | | | 54000 | 2300 | | 4500 | 60,800 |
| Total: | | | | | | | 246,300 |

- Note:-
- 1) Thesis Fee @ Rs. 10000/- will be charged at the time of Thesis submission.
 - 2) Project Fee @ Rs. 4000/- will be charged at the time of Project submission.
 - 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 - 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

Fee Structure (Distance Learning Programs)

1- Masters Degree Program (Non Science Programs)

Arabic, Education, Economics, Islamic Studies, International Relation, Mass Communication, Sociology, Urdu, etc

| Semester | "Admission Fee" | "Registrartion Fee" | Tution Fee | "Examination Fee" | Misc. Fee | " Total Fee " |
|-----------|-----------------|---------------------|------------|-------------------|-----------|---------------|
| 1st | 1500 | 1500 | 9800 | 2200 | 3500 | 18,500 |
| 2nd | | | 10000 | 2200 | 3500 | 15,700 |
| 3rd | | | 10000 | 2300 | 3500 | 15,800 |
| 4th | | | 10000 | 2300 | 3500 | 15,800 |
| Total Fee | | | | | | 65,800 |

2-Masters Degree Program (Non Science Programs)

Library and information Science, Applied Psychology, etc

| Semester | "Admission Fee" | "Registrartion Fee" | Tution Fee | "Examination Fee" | Misc. Fee | " Total Fee " |
|----------|-----------------|---------------------|------------|-------------------|-----------|---------------|
| 1st | 1500 | 1500 | 10500 | 2200 | 7500 | 23,200 |
| 2nd | | | 11500 | 2200 | 7500 | 21,200 |
| 3rd | | | 11500 | 2300 | 7500 | 21,300 |
| 4th | | | 11500 | 2300 | 7500 | 21,300 |
| | | | | | Total Fee | 87,000 |

- Note:-
- 1) Thesis Fee @ Rs. 3000/- at the time of thesis submission.
 - 2) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
 - 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 - 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.



3-Masters Degree Program (Non Science Program) : MA English Literature, etc

| Semester | "Admission Fee" | "Registrartion Fee" | Tution Fee | "Examination Fee" | Misc. Fee | " Total Fee " |
|----------|-----------------|---------------------|------------|-------------------|-----------|---------------|
| 1st | 1500 | 1500 | 11700 | 2200 | 6500 | 23,400 |
| 2nd | | | 12800 | 2200 | 6500 | 21,500 |
| 3rd | | | 12900 | 2300 | 6500 | 21,700 |
| 4th | | | 12900 | 2300 | 6500 | 21,700 |
| | | | | | Total Fee | 88,300 |

4-Masters Degree Program (Science Program) : Physical Education& Sports Science, etc

| Semester | "Admission Fee" | "Registrartion Fee" | Tution Fee | "Examination Fee" | Misc. Fee | " Total Fee " |
|----------|-----------------|---------------------|------------|-------------------|-----------|---------------|
| 1st | 1500 | 1500 | 10500 | 2200 | 7500 | 23,200 |
| 2nd | | | 11500 | 2200 | 7500 | 21,200 |
| 3rd | | | 11500 | 2300 | 7500 | 21,300 |
| 4th | | | 11500 | 2300 | 7500 | 21,300 |
| | | | | | Total Fee | 87,000 |

- Note:- 1) Thesis Fee @ Rs. 3000/- at the time of thesis submission.
 2) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

Special Programs

5-BA, etc

| Semester | "Admission Fee" | "Registrartion Fee" | Tution Fee | "Examination Fee" | Misc. Fee | " Total Fee " |
|----------|-----------------|---------------------|------------|-------------------|-----------|---------------|
| 1st | 1500 | 1500 | 2500 | 2200 | 1600 | 9,300 |
| 2nd | | | 2800 | 2200 | 1600 | 6,600 |
| 3rd | | | 3000 | 2300 | 1600 | 6,900 |
| 4th | | | 3000 | 2300 | 1600 | 6,900 |
| | | | | | Total Fee | 29,700 |

- Note:- 1) Thesis Fee @ Rs. 3000/- at the time of thesis submission.
2) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

6- BCom, etc

| Semester | "Admission Fee" | "Registrartion Fee" | Tution Fee | "Examination Fee" | Misc. Fee | " Total Fee " |
|----------|-----------------|---------------------|------------|-------------------|-----------|---------------|
| 1st | 1500 | 1500 | 8000 | 2200 | 3500 | 16,700 |
| 2nd | | | 8800 | 2200 | 3500 | 14,500 |
| 3rd | | | 8800 | 2300 | 3500 | 14,600 |
| 4th | | | 9000 | 2300 | 3500 | 14,800 |
| | | | | | Total Fee | 60,600 |

- Note:- 1) Thesis Fee @ Rs. 3000/- at the time of thesis submission.
2) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.



7- BEd General, etc

| Semester | "Admission Fee" | "Registrartion Fee" | Tution Fee | "Examination Fee" | Misc. Fee | " Total Fee " |
|----------|-----------------|---------------------|------------|-------------------|-----------|---------------|
| 1st | 1500 | 1500 | 2800 | 2200 | 2000 | 10,000 |
| 2nd | | | 3500 | 2200 | 2000 | 7,700 |
| 3rd | | | 3500 | 2300 | 2000 | 7,800 |
| | | | | | Total Fee | 25,500 |

- Note:- 1) Thesis Fee @ Rs. 3000/- at the time of thesis submission.
 2) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.

8- BEd Special Education, etc

| Semester | "Admission Fee" | "Registrartion Fee" | Tution Fee | "Examination Fee" | Misc. Fee | " Total Fee " |
|----------|-----------------|---------------------|------------|-------------------|-----------|---------------|
| 1st | 1500 | 1500 | 3600 | 2200 | 2000 | 10,800 |
| 2nd | | | 4800 | 2200 | 2000 | 9,000 |
| | | | | | Total Fee | 19,800 |

- Note:- 1) Thesis Fee @ Rs. 3000/- at the time of thesis submission.
 2) Project Fee @ Rs. 1500/- will be charged at the time of Project submission.
 3) Degree Verification Fee @ Rs. 1500/- will be charged in 3rd semester in addition to above.
 4) Degree Fee @ Rs. 2500/- will be charged in final semester in addition to above.



Faculty of Arts & Social Sciences

1. Department of Applied Linguistics
2. Department of Applied Psychology
3. Institute of Arts & Design
4. Department of Education
5. Department of English Literature
6. Department of History and Pakistan Studies
7. College of Law
8. Department of Library and Information Sciences
9. Department of Mass Communication
10. Department of Political Science & International Relations
11. Department of Sociology



Prof. Dr. Mughees Ahmed
Dean

Ph: 041-041-9201202

Email: drmughees@gcuf.edu.pk

Prof. Dr. Mughees Ahmed, is PhD in Political Science from Bahauddin Zakariya University, Multan. He has more than 30 years of teaching experience. He established the department of Political Science & International Relations in Government College University Faisalabad in 2009. He is among HEC recognized supervisor in the field of Political Science & International Relations as he continues to supervise MS and PhD students and supervising HEC funded Project. He is a member of International Political Science Association (IPSA) and National Curriculum Revision Committee of HEC for Political Science, International Relations, Peace & Conflict Studies and various academic bodies at national and international levels. He has authored lot of research articles in international & HEC recognized Journals. He has presented research papers in different national and international conferences. Furthermore, his area of research is Voting Behaviour, Political System, Election Studies, Comparative Politics & South Asian Politics.

Department of Applied Linguistics

Phone: 041-9200158
Email: masimrai@gmail.com



Vision

To make notable contribution to the national wealth by training a high-quality human resource in the form of skilled English language teachers, general and applied linguists, language researchers and analysts, and above all, thoughtful and useful human beings.

Mission

To give its students an in-depth and integrative understanding of the dynamics of language and its role in the construction of knowledge and values. In today's world of linguistic diversity, the importance of learning the foreign language (English) in its global perspective becomes even acuter.

Introduction

The Department aims at serving the nation by filling the gap of expertise in language-related studies in the country, directing its special attention to qualitative improvement in the profession of language teaching/learning through field-specific research. The Department seeks to join hands with the HEC in paving the way towards the common goals of achieving excellence in language-related studies/research and embarks upon this enterprise in conjunction with the centres sharing similar aspirations.

In order to realize its aims, the Department offers specialized courses at different levels such as BS (Hons) in English Literature & Linguistics (Morning & Evening), MA English Linguistics & Literature (Morning & Evening), MPhil in Applied Linguistics and PhD in Applied Linguistics. Our spirited team aims at providing students with an understanding of the theoretical and empirical foundations of various disciplines of linguistics and applied linguistics, enabling them to develop an informed and critical awareness of the issues of linguistic problems, their analyses and the solutions with innovative techniques. Above all, students

are trained to seek relevance and applications of theoretical perspectives in the national context. Alongside academics, the Department organizes various events to enhance its students' competencies in educational as well as social life. The students who are awarded degrees from the Department have a vast range of jobs opportunities at national and international level.

The faculty members of the Department have contributed more than hundred research papers to academic journals in addition to presenting papers at various conferences across Pakistan.

The Postgraduate Diploma in ELT is an evening programme, primarily intended for teacher training. The syllabus of this programme includes the latest models of grammar, and approaches and techniques of language teaching and testing. The faculty members of the Department have contributed above hundred research papers to academic journals in addition to presenting papers at various conferences across Pakistan.

Faculty

Dr. Muhammad Asim Mahmood

Chairperson/Associate Professor
PhD

Specialization: Corpus Linguistics, Pakistani English

Dr. Aleem Shakir

Assistant Professor
PhD

Specialization: Corpus Linguistics, Multidimensional (MD) Analysis, Advertising English, Hotel English, English for Specific Purposes (ESP), Syllabus Design, Language Testing

Programs Offered

1. BS English Literature & Linguistics
2. MA English Linguistics & Literature
3. MPhil Applied Linguistics
4. PhD Linguistics

Chairperson: Dr. Muhammad Asim Mahmood

**Dr. Syed Kazim Shah**

Assistant Professor

PhD

Specialization: English Language Teaching (ELT), Critical Literacy, Research Methodology, Discourse Analysis, Sociolinguistics

Hafiz Muhammad Fazle Haq

Lecturer (on study leave)

MPhil

Specialization: English for Specific Purposes (ESP)

Ms. Rabia Yasmeen

Lecturer

MPhil

Specialization: Sociolinguistics, Testing and Evaluation

Hafiz Muhammad Qasim

Lecturer

MPhil

Specialization: English Language Teaching (ELT), Systemic Functional Grammar, Lexicography

Aisha Zulfiqar Choudhary

Lecturer

MPhil

Specialization: World Englishes, English Language Teaching (ELT), Corpus Linguistics, Stylistics

Ansa Sattar

Lecturer

MPhil

Specialization: Phonetics & Phonology, ELT Discourse Analysis

Wardah Azahar

Lecturer

MPhil

Specialization: English Language Teaching (ELT), Critical Literacy, Computer Assisted Language Learning (CALL)

Muhammad Imran Shah

Lecturer

MPhil

Specialization: EAP, Narratology, Discourse Analysis and English Literature

Scheme of Studies

BS English Literature & Linguistics

| Semester 1 | | |
|------------|--|---------|
| LNG-301 | Introduction to Linguistics | 3(3-0) |
| LNG-303 | Study Skills | 3(3-0) |
| LNG-305 | Sentence Analysis/Grammar | 3(3-0) |
| LNG-307 | Introduction to Literary Studies | 3(3-0) |
| LNG-309 | English For Academic Purposes | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| Semester 2 | | |
| SOC-307 | Introduction to Sociology | 3(3-0) |
| LNG-304 | Life Skills | 3(3-0) |
| LNG-306 | Phonetics and Phonology | 3(3-0) |
| LNG-308 | Poetry I | 3(3-0) |
| LNG-310 | History of English Literature | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| Semester 3 | | |
| LNG-401 | Sociolinguistics | 3(3-0) |
| LNG-403 | Advance English Grammar | 3(3-0) |
| LNG-405 | ELT Methods and Approaches | 3(3-0) |
| LNG-407 | Drama -1 | 3(3-0) |
| STA-321 | Introduction to Statistical Theory | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| Semester 4 | | |
| LNG-402 | Stylistics | 3(3-0) |
| LNG-404 | CALL | 3(2-1) |
| LNG-406 | Teaching Language Skills | 3(3-0) |
| LNG-408 | Drama-II | 3(3-0) |
| LNG-410 | Academic Communication | 3(3-0) |
| PSY-422 | Introduction to Psychology | 3(3-0) |
| Semester 5 | | |
| LNG-501 | Task based Language Teaching | 3(3-0) |
| LNG-503 | Psycholinguistics | 3(3-0) |
| LNG-505 | Language and Gender | 3(3-0) |
| LNG-507 | Stylistics-II | 3(3-0) |
| LNG-509 | Corpus Linguistics | 3 (2-1) |

| LNG-511 | American Literature | 3(3-0) |
|------------|---|--------|
| Semester 6 | | |
| LNG-502 | Testing and Evaluation | 3(3-0) |
| LNG-504 | Literary Criticism | 3(3-0) |
| LNG-506 | World Englishes | 3(3-0) |
| LNG-508 | Pakistani Literature in English | 3(3-0) |
| LNG-510 | Semantics and Pragmatics | 3(3-0) |
| LNG-512 | Second Language Acquisition | 3(3-0) |
| Semester 7 | | |
| LNG-601 | Research Methodology | 3(3-0) |
| LNG-603 | Literary Theory | 3(3-0) |
| LNG-603 | Syllabus Design & Materials Development | 3(3-0) |
| LNG-605 | Discourse Analysis | 3(3-0) |
| LNG-607 | Forensic Linguistics | 3(3-0) |
| LNG-609 | English for Specific Purposes | 3(3-0) |
| LNG-611 | Tolerance | 3(3-0) |
| Semester 8 | | |
| LNG-602 | Poetry-II | 3(3-0) |
| LNG-604 | Research Report | 3(3-0) |
| LNG-606 | Schools of Linguistics | 3(3-0) |
| LNG-608 | Novel | 3(3-0) |
| LNG-610 | English for Employment Purposes | 3(3-0) |
| LNG-612 | Translation Studies | 3(3-0) |

MA English Linguistic & Literature

| Semester 1 | | |
|------------|--|--------|
| LNG-551 | Introduction to Linguistics | 3(3-0) |
| LNG-553 | Study Skills | 3(3-0) |
| LNG-555 | Language skills | 3(3-0) |
| LNG-557 | Advance English Grammar I | 3(3-0) |
| LNG-559 | Language Learning Theories, Methods & Approaches | 3(3-0) |
| LNG-561 | Poetry | 3(3-0) |
| Semester 2 | | |
| LNG-552 | Translation Studies | 3(3-0) |
| LNG-554 | Research Methodology | 3(3-0) |
| LNG-558 | History of English Literature | 3(3-0) |
| LNG-560 | Sociolinguistics | 3(3-0) |

| | | |
|-------------------|--|--------|
| LNG-562 | Testing and Evaluation | 3(3-0) |
| LNG-564 | Drama | 3(3-0) |
| Semester 3 | | |
| LNG-651 | Material Development & syllabus design | 3(3-0) |
| LNG-653 | Semantics and Pragmatics | 3(3-0) |
| LNG-655 | Corpus Linguistics | 3(2-1) |
| LNG-657 | Stylistics | 3(3-0) |
| LNG-659 | Schools of Linguistics | 3(3-0) |
| LNG-661 | Novel | 3(3-0) |
| Semester 4 | | |
| LNG-652 | Advance English Grammar-II | 3(3-0) |
| LNG-654 | Discourse Analysis | 3(3-0) |
| LNG-656 | Phonetics and Phonology | 3(3-0) |
| LNG-658 | World Englishes | 3(3-0) |
| LNG-660 | Computer Assisted Language Learning | 3(3-0) |
| LNG-662 | Literary theory | 3(3-0) |

| | | |
|-----------|--|--------|
| LNG-716 | Contrastive Rhetoric | 3(3-0) |
| LNG-717 | Systemic Functional Grammar | 3(3-0) |
| LNG-718 | Language in Social Context | 3(3-0) |
| LNG-719 | Stylistics | 3(3-0) |
| LNG-720 | Genre Analysis | 3(3-0) |
| LNG-721 | Language Testing | 3(3-0) |
| **LNG-722 | Applied Linguistics | 3(3-0) |
| LNG-723 | Syntax | 3(3-0) |
| LNG-725 | Semantics and Pragmatics | 3(3-0) |
| LNG-726 | Forensic Linguistics | 3(3-0) |
| LNG-732 | Advancement in Second Language Acquisition | 3(3-0) |
| LNG-733 | Bilingualism | 3(3-0) |
| LNG-734 | Computer Assisted Language Learning | 3(3-0) |
| LNG-735 | Language Teacher Education | 3(3-0) |
| LNG-736 | Class room Talk | 3(3-0) |
| LNG-737 | ELT Methodology | 3(3-0) |
| LNG-738 | Vocabulary | 3(3-0) |

Mandatory Requirements for MPhil

| | | |
|---------|--------------------|--------|
| LNG-728 | Seminar (General) | 1(0-1) |
| LNG-729 | Seminar (Research) | 1(0-1) |
| LNG-730 | Thesis | 6(0-6) |

Mandatory Requirements for PhD

| | | |
|---------|--------------------|--------|
| LNG-758 | Seminar (General) | 1(0-1) |
| LNG-759 | Seminar (Research) | 1(0-1) |
| LNG-760 | Thesis | --- |

Note

** Mandatory for PhD students if not studied in MPhil

**MPhil in Applied Linguistics /
PhD in Linguistics**

| | | |
|---|---|--------|
| *LNG-701 | Research Methodology-I | 3(3-0) |
| *LNG-705 | Research Methodology-II | 3(3-0) |
| **LNG-709 | Research Methods in Applied Linguistics-I | 3(3-0) |
| **LNG-710 | Research Methods in Applied Linguistics -II | 3(3-0) |
| * Core Course for MPhil and 3 Elective Courses in Each Semester | | |
| ** Core Course for PhD and 2 Elective Courses in Each Semester | | |

List of Elective Courses for MPhil and PhD

| | | |
|-----------|--------------------------------------|--------|
| **LNG-702 | Corpus Linguistics | 3(3-0) |
| LNG-703 | Multidimensional Analysis | 3(3-0) |
| LNG-704 | World Englishes | 3(3-0) |
| LNG-724 | Materials Evaluation and Development | 3(3-0) |
| LNG-706 | Applied Lexicology | 3(3-0) |
| LNG-707 | Advanced Stylistics | 3(3-0) |
| LNG-708 | Syntactic Theory | 3(3-0) |
| LNG-712 | Language and Gender | 3(3-0) |
| LNG-713 | Language, Culture and Identity | 3(3-0) |
| LNG-714 | Translation Studies | 3(3-0) |
| LNG-715 | Discourse Analysis | 3(3-0) |





Department of Applied Psychology

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Vision

To provide task orientated and professional quality education to students and to produce trained and skilful professionals in the field of clinical psychology as well as in other applied areas of psychology.

Mission

To provide and inculcate the knowledge of human behavior to the students seeking such knowledge in an effective and research oriented manner. The department is also committed to meet the challenges of the modern age by producing researchers and professionals in the field, which will help to understand and ultimately resolve the problems of society.

Introduction

Psychology, being a scientific study of human behavior and mental processes, has not only achieved immense popularity with scholars of modern age but it has also helped in understanding the psychological problems of the society. Psychological knowledge is now applied to such diverse areas as assessment and screening, psychotherapy, counseling and guidance, hospital management, environment, industrial and organizational, school education, crimes linguistics, and critical evaluation of literature and fine arts. Department of Applied Psychology, Government College University Faisalabad offers BS-Applied Psychology, Master in Applied Psychology, Post Magistral Diploma in Clinical Psychology, M. Phil in Applied Psychology, MS in Clinical Psychology and PhD in Clinical Psychology. The Department aims at producing high quality clinical psychologists and professionals with intensive raining who are committed to pursue excellence and are endowed with

vision, courage and dedication. Our students, after completing their degrees, will make significant and meaningful contribution towards the socio-economic betterment of the country through the development of human resource. From time to time, the Department organizes Conferences, Seminars, Refresher Course, Training Workshops, etc. for the benefits of faculty and students as well as department works for community services. Furthermore, Department of Applied Psychology provides counseling services to university students, teachers and non-teaching staffs and others

Faculty

Dr. Khalid Mahmood Bhatti

Assistant Professor / Coordinator
PhD (IPP BU)

Specialization: Research, Clinical Psychology & Psychometrics

Dr. Rabia Khawar

Assistant Professor
PhD (GCUL)

Specialization: Cognitive Psychology , Psychological Assessment & Research

Dr. Qasir Abbas

Assistant Professor
PhD Clni. Psy. (ICP, KU)

Specialization : Research, Diagnosis & Psychotherapy

Dr. Muhammad Umer Khan

Assistant Professor
PhD (UTM, Malaysia)

Specialization: Research, Educational Psychology



Programs Offered

1. BS Applied Psychology
2. MSc Applied Psychology
3. MS Clinical Psychology
4. PhD Clinical Psychology
5. MS Top-up 1 Year Clinical Psychology

Coordinator: Dr. Khalid Mahmood Bhatti

Ms. FoZIA Akram

Lecturer (On Study Leave)
MS (GCUF)

MSc Clinical Psychology

Specialization: Cognitive Psy, Personality Psy. & Forensic Psychology

Ms. Asma Riaz

Lecturer

MS (IIUI)

Specialization: Health Psy, Behavioral Neuro-Sciences, Clinical Psychology

Ms. Shazia Habib

Lecturer (On Study leave)

MS (GCU Lah.)

Specialization: Clinical Psychology & Behavioral Neuro-Sciences

Ms. Rabia Maryam

Lecturer

MS (GCUF)

Specialization: Educational Psy. Human Resource Management & Social Psychology

Mr. Arif Nadeem

Lecturer (On study leave)

PMDCP (BU)

Specialization: Clinical Psy. Psychometrics, Para Psychology

Ms. Abida Kareem

Lecturer

MS (GCUF)

Specialization: Abnormal Psychology, Clinical Psychology

Ms. Saima Saeed

Lecturer (On Study leave)

M. Phil (GCUL)

Specialization: Clinical Psychology, Cognitive psychology

Ms. Zartashia Kynat Javaid

Research Officer

MSc (UOG)

Specialization: Social Psychology

Ms. Abida Ajid Ali

Teaching Assistant

PMDCP (CCP)

Specialization: Clinical Psychology, Counseling Psy

Scheme of Studies BS Applied Psychology

| Semester 1 | | |
|------------|---|--------|
| ENG-321 | Functional English | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| PSY-305 | Introduction to Psychology-I | 4(3-1) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| SOC-307 | Introduction to Sociology | 3(3-0) |
| Semester 2 | | |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| PSY-306 | Introduction to Psychology-II | 4(3-1) |
| MTH-322 | Introduction to Calculus | 3(3-0) |
| MCM-303 | Introduction to Communication | 3(3-0) |
| Semester 3 | | |
| ENG-421 | Communication Skills | 3(3-0) |
| PSY-403 | History & Systems in Psychology | 3(3-0) |
| PSY-405 | Personality Psychology | 3(3-0) |
| PSY-407 | Social Psychology | 3(3-0) |
| EDU-503 | Foundation of Education | 3(3-0) |
| Semester 4 | | |
| ENG-422 | Technical Writing | 3(3-0) |
| PSY-404 | Advanced Social Psychology | 3(3-0) |
| PSY-406 | Mental Health and Psychopathology-I | 3(3-0) |
| PSY-408 | Cognitive & Affective processes | 4(3-1) |
| ECO-408 | Issues in Pakistan Economy | 3(3-0) |
| Semester 5 | | |
| PSY-501 | Behavioral Neurosciences | 4(4-0) |
| PSY-503 | Mental Health and Psychopathology-II | 4(4-0) |
| PSY-505 | Research Methodology-1 | 3(3-0) |
| PSY-507 | Application of Statistics in Psychology | 3(2-1) |
| PSY-509 | Educational psychology | 4(3-1) |
| Semester 6 | | |
| PSY-502 | Developmental Psychology | 4(4-0) |
| PSY-504 | Psychological Testing & Measurement-I | 3(3-0) |
| PSY-506 | Health Psychology | 4(4-0) |

| PSY-508 | Research Methodology-II | 3(2-1) |
|--|--|--------|
| PSY-510 | Industrial/Organizational Psychology | 4(4-0) |
| Semester 7 | | |
| PSY-601 | Clinical Psychology-I | 4(4-0) |
| PSY-603 | Psychological Testing & Measurement-II | 3(2-1) |
| PSY-605 | Counseling Psychology-I | 4(4-0) |
| PSY-607 | Human Resource Management | 4(3-1) |
| Optional Subjects (any one from the following) | | |
| PSY-611 | Organizational Behavior | 4(4-0) |
| PSY-613 | Cross-cultural psychology | 4(4-0) |
| PSY-615 | Trauma Psychology | 4(4-0) |
| PSY-617 | Consumer behavior | 4(4-0) |
| Semester 8 | | |
| PSY-632 | Internship | 2(0-2) |
| PSY-604 | Clinical Psychology-II | 4(3-1) |
| PSY-606 | Counseling Psychology-II | 4(3-1) |
| PSY-608 | Positive Psychology | 4(4-0) |
| PSY-630 | Thesis | 4(0-4) |
| Optional Subjects (any one from the following) | | |
| PSY-612 | Forensic psychology | 4(4-0) |
| PSY-614 | Sports Psychology | 4(4-0) |
| PSY-616 | Military Psychology | 4(4-0) |
| PSY-618 | Gender Issues in Psychology | 4(4-0) |

MSc Applied Psychology

| Semester 1 | | |
|------------|--|---------|
| PSY-551 | History and Systems in Psychology | 4(4-0) |
| PSY-553 | Research Methodology-1 | 3((3-0) |
| STA-321 | Introduction to Statistical Theory | 3(3-0) |
| PSY-557 | Cognitive and Affective Processes | 4(3-1) |
| PSY-559 | Behavioral Neurosciences | 4(4-0) |
| Semester 2 | | |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| PSY-556 | Psychological Testing and Measurement | 3(2-1) |
| PSY-558 | Personality Psychology | 3(3-0) |
| PSY-560 | Social Psychology | 3(3-0) |
| PSY-562 | Abnormal Psychology | 4(4-0) |



| | | |
|-------------------|---|--------|
| PSY-554 | Research Methodology-II | 3(2-1) |
| Semester 3 | | |
| PSY-651 | Developmental Psychology | 3(3-0) |
| PSY-653 | Psychometrics | 3(2-1) |
| PSY-655 | Clinical Psychology | 4(3-1) |
| PSY-657 | Industrial / Organizational Psychology | 4(4-0) |
| PSY-659 | Educational Psychology | 4(3-1) |
| PSY-661 | Counseling Psychology | 4(3-1) |
| Semester 4 | | |
| PSY-652 | Health Psychology | 4(3-1) |
| PSY-682 | Internship | 2(2-0) |
| PSY-680 | Thesis OR Two Optional Subjects from the following | 6(0-6) |
| MGT-404 | Human Resource Management | 3(3-0) |
| MCM-553 | Introduction to Mass Communication | 3(3-0) |
| PSY-654 | Cross-Cultural Psychology | 3(3-0) |
| PSY-656 | Gender Issues In Psychology | 3(3-0) |
| PSY-658 | Forensic Psychology | 3(2-1) |

Post Magistral Diploma in Clinical Psychology (PMDCP)

| | | |
|-------------------|--|---------|
| Semester 1 | | |
| PSY-701 | Research Methodology and Statistics in Clinical Psychology-I | 03(3-0) |
| PSY-702 | Psychodiagnosis and Assessment-I | 03(3-0) |
| PSY-703 | Psychotherapy –I | 03(3-0) |
| PSY-704 | Psychophysiology & Psychopharmacology-I | 03(3-0) |
| PSY-705 | Internship/Case Conference-I | 04(0-4) |
| Semester 2 | | |
| PSY-711 | Research Methodology and Statistics in Clinical Psychology-II | 03(3-0) |
| PSY-712 | Psychodiagnosis and Assessment-II | 03(3-0) |
| PSY-713 | Psychotherapy –II | 03(3-0) |
| PSY-714 | Psychophysiology & Psychopharmacology-II | 03(3-0) |
| PSY-715 | Internship/Case Conference-II | 04(0-4) |
| Semester 3 | | |
| PSY-632 | Internship | |

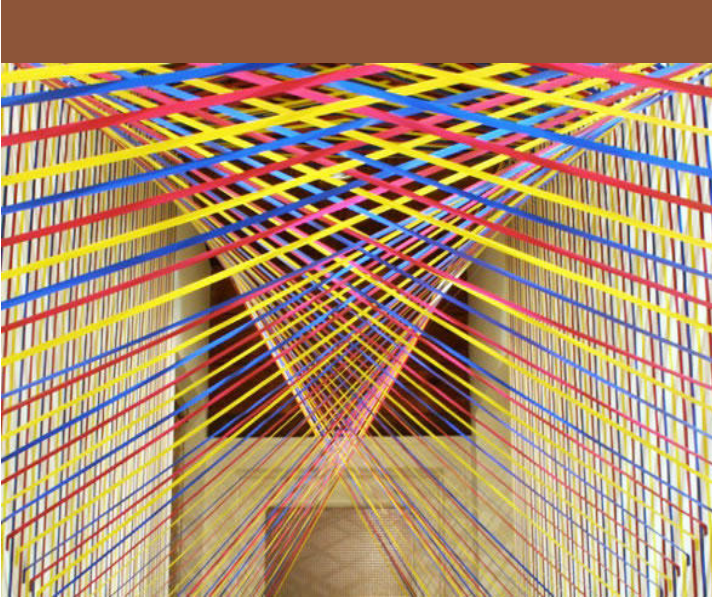
MS / PhD in Clinical Psychology

| | | |
|--|--|--------|
| Core Courses for MS Clinical Psychology | | |
| PSY-701 | Research Methodology and Statistics in Clinical Psychology-I | 3(3-0) |
| PSY-702 | Psychodiagnosis and Assessment-I | 3(3-0) |
| PSY-703 | Psychotherapy –I | 3(3-0) |
| PSY-704 | Psychophysiology & Psychopharmacology-I | 3(3-0) |
| PSY-705 | Internship/Case Conference-I | 4(0-4) |
| PSY-711 | Research Methodology and Statistics in Clinical Psychology-II | 3(3-0) |
| PSY-712 | Psychodiagnosis and Assessment-II | 3(3-0) |
| PSY-713 | Psychotherapy –II | 3(3-0) |
| PSY-714 | Psychophysiology & Psychopharmacology-II | 3(3-0) |
| PSY-715 | Internship/Case Conference-II | 4(0-4) |
| Core Courses for PhD Clinical Psychology | | |
| PSY-716 | Advanced Research Designs and Data Analysis | 3(3-0) |
| PSY-717 | Projective Methods of Assessment | 2(2-0) |
| PSY-718 | Developing Research Proposal | 1(0-1) |
| PSY-719 | Psychopathology: Review of major types of psychopathology with emphasis on current research findings | 2(2-0) |
| PSY-720 | Case conference/Internship | 4(0-4) |
| PSY-721 | Diagnostic Methods: A review of major assessment strategies for children and adults | 2(2-0) |
| PSY-722 | Ethical and Cultural Consideration in Clinical Research & Practice | 1(1-0) |
| PSY-723 | Psychotherapy Theory and Research | 3(3-0) |
| PSY-724 | Trauma Psychology (Optional list) | 2(2-0) |
| PSY-725 | Case conference/Internship | 4(0-4) |
| PSY-726 | Didactic Analysis (25 Session) | - |
| Mandatory Courses for MS Clinical Psychology | | |
| PSY-795 | Statistics for Research | 3(2-1) |
| PSY-728 | Seminar (General) | 1(0-1) |
| PSY-730 | Thesis | 6(0-6) |
| PSY-732 | Internship | 4(0-4) |
| Mandatory Courses for PhD Clinical Psychology | | |
| PSY-758 | Seminar (General) | 1(0-1) |
| PSY-759 | Seminar (Research) | 1(0-1) |
| PSY-760 | Thesis | --- |



Institute of Art & Design

Phone: 041-9201226
Email: finearts@gcuf.edu.pk



Programs Offered

Bachelor of Art & Design (4 Years Degree Program)
Specialization In:

1. Textile Design
2. Fashion Design
3. Graphic Design
4. Painting

Coordinator: Ms. Tehmina Afzal

Vision

To promote art and aesthetic sense at the demand of national and international requirements.

Mission

To prepare an artistic and educational community that values creativity, innovation, and conceptual tracks. The institute craves to temper craftsmanship with discipline and knowledge in the field of Art & Design.

Introduction

Art & Design department was established in 2004. It is the mother institute of Art & Design in the history of Faisalabad. As being the industrial city, this type of institute was much needed. Art and Design institute's students are designers, artists, and scholars who learn to apply the transformative capacity of design responsibly, creatively, and purposefully. Our diverse community of students and faculty explore multiple sites and scales of engagement, from on-campus research initiatives to partnerships that bring about change in Pakistan and in the world. Our aim is to prepare students to be focused, to cope with radical changes, in the field of art and design. At the Department, we perform in unison by following our values and ethical guidelines code of conduct as a source of guidance and inspiration, which enable us to achieve our vision. Under the Bachelor Art & Design we are offering four specializations explained below:

Textile Design

The objective of Textile Design major is to introduce a broad range of Textile processes and theoretical perspectives on which

to base the practice of textile design. It also develops the skills necessary for researching and originating contemporary textile themes, and creating fabric prototypes and samples.

Graphic Design

The term Graphic Design often refers to both the process (Designing) by which the communication is created and the products (Designs) which are generated.

The faculty of graphic design at GC University Faisalabad focuses on number artistic and professional disciplines which lead to visual communication and presentation.

Fashion Design

The Faculty of Fashion Design maintains close ties and continuously collaborates with the fashion industry to continue to provide current students with high quality professional training in tune with the needs of the current international fashion scene and industry.

Fine Arts

The Faculty of Fine Arts committed to the study and practice of the visual arts as these relate to creative art making, educational practice and theory, and the understanding of art in its diverse historical and cultural settings.

Institute of Art & Design produces graduated well equipped to meet the numerous overlapping skills currently demanded within professional art practice and theoretical discourse.



Faculty

Ms. Tehmina Afzal

Assistant Professor / Coordinator
Mphil Textile & Clothing (GCWUF)
MFA Graphic Design (PU)

Dr. Muhammad Asghar

Assistant Professor
PhD in Design Sciences (Germany)
MFA Graphic Design (PU)

Mr. Wajahat Ali

Assistant Professor
MA Visual Arts (NCA)
Bachelor's in Fine Arts (NCA)

Mr. Faheem Tufail

Assistant Professor
MA Visual Arts (NCA)
Bachelor's in Textile Design (NCA)

Mr. M. Shahid Anjum

Assistant Professor
MA Print Making (PU)
MFA Graphic Design (PU)

Mr. Mohsin Mirza

Lecturer
MFA Painting (PU)

Mr. Muhammad Ali

Lecturer
MPhil Textile & Clothing (GCUF)
MFA Graphic Design (PU)

Ms. Sammra Shehzad

Lecturer
Bachelor's in Textile Design (GCUF)

Ms. Sadia Shafqat

Lecturer
MA Interior Design (NCA)
Bachelor's in Textile Design (GCUF)

Mr. Abu Bakar Noorani

Lecturer
Bachelor's in Fashion Design (GCUF)

Ms. Yousra Saleem

Lecturer
Mphil Textile & Clothing (GCWUF)
Bachelor's in Fashion Design (GCUF)

Mr. Shahid Zaheer

Lecturer
Bachelor's in Fashion Design (GCUF)

Mr. Rizwan Munir

Lecturer
Mphil Textile & Clothing (GCUF), BSc Textile Engineering

Ms. Baneen Nazir

Lecturer (on study leave)
MA Painting (UAF)

Ms. Sabeen Fatima

Lecturer
Mphil Textile & Clothing (GCWUF)
MA Painting

Ms. Sana Arslan

Lecturer
MS Art History (PU)

Ms. Aneeza Saleem

Lecturer
Bachelor's in Graphic Design

Ms. Farwa Batool

Lecturer
MA Multimedia (NCA)

Mr. Sajjad Ahmad Lakhnavi

Lecturer
MA Interior Design (NCA)

Ms. Aliya Shafqat

Lecturer
MA Communication & Cultural studies (NCA)

Ms. Sammar Anwar

Lecturer (on study leave)
Bachelor's in Fine Art (GCUF)

Ms. Rabia Shareen

Teaching Assistant
MA Fine Arts

Scheme of Studies

Foundation Year Bachelor of Fashion, Textile, Graphics, Fine Arts

| Semester 1 | | |
|----------------|--|--------|
| AND-301 | Basic Sculpture-I | 3(0-3) |
| AND-303 | Basic Drawing-I | 3(0-3) |
| AND-305 | Basic Calligraphy-II | 2(0-2) |
| AND-307 | Basic Calligraphy-I | 2(0-2) |
| AND-309 | Art Appreciation-I | 2(2-0) |
| AND-311 | Basic Drafting | 2(2-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| ENG-321 | Functional English | 3(3-0) |
| Semester 2 | | |
| AND-302 | Basic Design-II | 3(0-3) |
| AND-304 | Basic Pattern Making | 3(0-3) |
| AND-306 | Basic Sculpture-II | 3(0-3) |
| AND-308 | Basic Drawing-II | 3(0-3) |
| MTH-322 | Introduction to Calculus | 2(0-2) |
| AND-310 | Art Appreciation-II | 2(2-0) |
| ENG-322 | English Comprehensive & Composition | 3(3-0) |
| Semester 3 | | |
| Textile Design | | |
| AND-401 | Textile Design-I | 3(0-3) |
| AND-403 | Drawing-I | 3(0-3) |
| AND-405 | CAD Print Design-I | 3(0-3) |
| ENG-421 | Communication Skills | 2(2-0) |
| AND-407 | History of Design-I | 2(2-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| Fashion Design | | |
| AND-409 | Fundamental of flat pattern | 2(0-2) |
| AND-409 | Draping-I | 2(0-2) |
| AND-411 | Machine sewing-I | 1(0-1) |
| AND-413 | Hand sewing-I | 1(0-1) |

| | | |
|-----------------------|---|---------|
| AND -415 | Integrated design-I | 2 (0-2) |
| AND-417 | Fashion Drawing-I | 2(0-2) |
| AND-419 | CAD(Introduction to software) | 2(0-2) |
| AND-423 | Visual Merchandising | 2(2-0) |
| AND-425 | History of Fashion Costume-I | 2(2-0) |
| ENG-421 | Communication Skills | 2(2-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| Graphic Design | | |
| AND -427 | Graphic Design-I | 3(0-3) |
| AND -403 | Drawing-I | 3(0-3) |
| AND-429 | Computer Graphics-I | 3(0-3) |
| AND-431 | Photography-I | 3(0-3) |
| AND-433 | History of Design-I | 2(2-0) |
| ENG-421 | Communication Skills | 2(2-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| PST-321 | Pak Studies | 2(2-0) |
| Fine Arts | | |
| AND -435 | Painting | 4(0-4) |
| AND -437 | Printmaking | 4(0-4) |
| AND -403 | Drawing-I | 3(0-3) |
| ENG-421 | Communication Skills | 2(2-0) |
| AND -429 | Photography | 2(0-2) |
| AND -439 | Muslim Art-I | 2(2-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| Semester 4 | | |
| Textile Design | | |
| AND-402 | Textile Design-II | 3(0-3) |
| AND-404 | Drawing-II | 3(0-3) |
| AND-406 | Weaving-I | 3(0-3) |
| AND-408 | CAD Print Design-II | 3(0-3) |
| AND-410 | Minor Subject (Painting/Sculpture/Fashion Illustration) | 2(0-2) |
| AND-412 | History of Design-II | 2(2-0) |

| | | |
|-----------------------|----------------------------------|---------|
| ENG-422 | Technical Writing | 3(3-0) |
| Fashion Design | | |
| ENG-422 | Technical Writing | 3(3-0) |
| AND -414 | Mathematics of pattern-1 | 2(0-2) |
| AND -416 | Draping-II | 3(1-2) |
| AND -418 | Machine sewing-II | 2(0-4) |
| AND -420 | Hand sewing-II | 1(0-1) |
| AND -422 | Integrated Design-II | 2(0-2) |
| AND -424 | Fashion Drawing-II | 3(1-2) |
| AND -426 | CAD(Apparel design) | 2(0-2) |
| AND -428 | History of Fashion Costume-II | 2(2-0) |
| Graphic Design | | |
| ENG-422 | Technical Writing | 3(3-0) |
| AND- 430 | Graphic Design-II | 3(0-3) |
| AND -404 | Drawing -I | 3(0-3) |
| AND -432 | Computer Graphics-II | 3(0-3) |
| AND -434 | Typography-I | 2(0-2) |
| AND -436 | Photography-II | 3 (0-3) |
| AND -438 | History of Design-II | 2(2-0) |
| Fine Arts | | |
| AND -440 | Miniature Painting | 4(0-4) |
| AND -442 | Sculpture | 4(0-4) |
| AND -404 | Drawing-II | 3(0-3) |
| AND -444 | Muslim Art-II | 2(2-0) |
| AND -446 | Technical Writing | 3(3-0) |
| AND -436 | Photography-II | 2(0-2) |
| Semester 5 | | |
| Textile Design | | |
| AND-513 | Mathematic of pattern-II | 3(1-2) |
| AND -515 | Draping-III | 3(0-3) |
| AND -517 | Sewing-III | 3(0-3) |
| AND -519 | Technique of Textile | 3(1-2) |
| AND -521 | Technical fashion drawing | 3(1-2) |
| AND -523 | Fashion Photography | 2(0-2) |
| AND -525 | Fashion Marketing& Merchandising | 2(2-0) |
| Fashion Design | | |
| AND-513 | Mathematic of pattern-II | 3(1-2) |

| | | |
|-----------------------|----------------------------------|--------|
| AND -515 | Draping-III | 3(0-3) |
| AND -517 | Sewing-III | 3(0-3) |
| AND -519 | Technique of Textile | 3(1-2) |
| AND -521 | Technical fashion drawing | 3(1-2) |
| AND -523 | Fashion Photography | 2(0-2) |
| AND -525 | Fashion Marketing& Merchandising | 2(2-0) |
| Graphic Design | | |
| AND -527 | Graphic Design-I | 4(0-4) |
| AND -529 | Illustrative Drawing-I | 3(0-3) |
| AND -531 | Typography-II | 2(0-2) |
| AND -533 | Photography-III | 3(0-3) |
| AND -535 | Commercial Printing-I | 2(2-0) |
| AND -537 | Marketing-I | 2(2-0) |
| AND -539 | History of Design III | 2(2-0) |
| Fine Arts | | |
| AND -541 | Painting-I | 4(0-4) |
| AND -543 | Drawing-III | 3(0-3) |
| AND -545 | Installation Art | 4(0-4) |
| AND -547 | History of Western Art | 2(2-0) |
| AND -549 | History of Arts-I | 2(2-0) |
| Semester 6 | | |
| Textile Design | | |
| AND-502 | Textile Design-II | 4(0-4) |
| AND-504 | Drawing-IV | 3(0-3) |
| AND-506 | Digital Textiles-II | 3(0-3) |
| AND-508 | Visual Merchandising | 2(0-2) |
| AND-510 | History of Textiles-II | 2(2-0) |
| AND-512 | Textile Printing-II | 2(2-0) |
| Fashion Design | | |
| AND -514 | Advance Pattern | 3(0-3) |
| AND -516 | Draping-IV | 3(0-3) |
| AND -518 | Advance Sewing-I | 3(0-3) |
| AND -520 | Digital fashion illustration | 3(1-2) |
| AND -522 | Accessories Design | 3(1-2) |
| AND -524 | Textile and fashion technology | 2(0-2) |
| AND -526 | Research Methodology | 2(2-0) |

| Graphic Design | | |
|----------------|---------------------------------|--------|
| AND -528 | Graphic Design-II | 4(0-4) |
| AND -530 | Interactive Design-I | 3(0-3) |
| AND -532 | Graphic Arts-I | 4(0-4) |
| AND -534 | Illustrative Drawing-II | 3(0-3) |
| AND -536 | Commercial Printing-II | 2(2-0) |
| AND -538 | Marketing-II | 2(2-0) |
| Fine Arts | | |
| AND -540 | Painting-II | 4(0-4) |
| AND -542 | Advance Drawing-I | 3(0-3) |
| AND -544 | Landscape and Portrait Painting | 4(0-4) |
| AND -546 | Digital Art | 3(0-3) |
| AND -548 | History of Art-II | 2(2-0) |
| AND -550 | Contemporary Art of Pakistan | 2(2-0) |
| Semester 7 | | |
| Fine Arts | | |
| AND-601 | Textiles Design-III | 4(0-4) |
| AND-603 | Surface Design | 3(0-3) |
| AND -605 | Drawing-V | 3(0-3) |
| AND -607 | Textile Art | 3(0-3) |
| AND -526 | Research Methodology | 2(2-0) |
| Fashion Design | | |
| AND -611 | Pattern collection | 3(0-6) |
| AND -613 | Advance Draping | 3(0-6) |
| AND -615 | Apparel Technology | 2(2-0) |
| AND -617 | Mini Thesis | 4(0-4) |
| AND -619 | Fabric Creation | 2(0-2) |
| AND -621 | Advance business Communication | 2(2-0) |
| Graphic Design | | |
| AND -623 | Graphic Design-III | 4(0-4) |
| AND -625 | Graphic Arts-II | 3(0-3) |
| AND -627 | Interactive Design-II | 3(0-3) |
| AND -526 | Research Methodology | 2(2-0) |
| Fine Arts | | |
| AND -629 | Painting-III | 4(0-4) |
| AND -633 | Advance Drawing-II | 3(0-3) |
| AND -635 | Conceptual Art | 4(0-4) |

| AND -637 | Art Criticism | 2(2-0) |
|------------|----------------------|--------|
| AND -526 | Research Methodology | 2(2-0) |
| Semester 8 | | |
| AND -631 | Project | 8(2-6) |



Department of Education

Phone: 041-9201556
Email: education@gcuf.edu.pk



Programs Offered

1. BEd (Hons) Elementary
2. BEd 1.5 Year
3. MA Education
4. MPhil Education
5. PhD Education

Chairman: Dr. Shafqat Hussain



Vision

To prepare reflective educators who possess theoretical knowledge as well as practical mastery of pedagogical techniques and who can face future challenges in the education sector with confidence. The department intends to develop in its graduates a critical understanding of the core areas of education by providing quality education.

Mission

To provide flexible, multi method learning opportunities with variety of approaches including lectures, tutorial group discussions, seminars, presentations, research work, teaching practice, field work etc.

Introduction

The department of Education was established in 2003 with an idea of providing quality education to the individuals interested in adopting teaching as a profession. The department has been evolving and flourishing according to the social and technological changes in the society in general and the educational environment in particular. The department aims to provide quality education and research to prepare reflective educators who can meet future challenges in the education sector. The department intends to develop in its graduates a critical understanding of the core issues of education and research aptitude. So that after completing the programmes, the graduates can serve different fields of education and research.

Faculty

Dr. Shafqat Hussain

Associate Professor / Chairman
PhD, Post Doc (UK)
Specialization: Educational research, Assessment & Evaluation, Teacher Education

Dr. Shafqat Rasool

Assistant Professor (TTS)
PhD, Post Doc (UK)
Specialization: Educational Administration, TQM, Quality Assurance in Higher Education

Dr. Bushra Naoreen

Assistant Professor (TTS)
PhD
Specialization: Teacher Education & Research in Education

Dr. Shumaila Shahzad

Assistant Professor (TTS)
PhD
Specialization: Educational Psychology, Educational Measurement & Evaluation

Dr. Muhammad Ayub Buzdar

Assistant Professor (TTS)
PhD
Specialization: Critical Pedagogy, Educational Psychology

**Dr. Khuda Bakhsh Malik**

Assistant Professor (TTS)

PhD

Specialization: Science Education, Educational Leadership & Management

(HEC Approved PhD Supervisor)

Dr. Hamid Ikram

Assistant Professor PhD (USA)

Specialization: Science Education, Curriculum, Policy Studies

Dr. Muhammad Shabbir

Assistant Professor

PhD

Specialization: Administration & Management, TQM, Quality Assurance in Higher Education, Research in Education

Ms. Hina Gull

Lecturer

MA

Specialization: Educational Administration

Ms. Shamaieela Mehboob

Lecturer (on study leave)

MPhil

Specialization: Educational Administration

Scheme of Studies**BEd (Hons) Elementary**

| Semester 1 | | |
|------------|--|--------|
| ENG-321 | Functional English | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| EDU-305 | Child development | 3(3-0) |
| URD-321 | Urdu | 3(3-0) |
| EDU-307 | General Science | 3(3-0) |
| EDU-311 | General Methods of Teaching | 3(3-0) |
| Semester 2 | | |
| ENG-322 | Comprehensive and Composition | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| EDU-306 | Classroom Management | 3(3-0) |
| MTH-111 | Basic Mathematics-I | 3(3-0) |

| PST-321 | Pakistan Studies | 2(2-0) |
|------------|---|--------|
| EDU-312 | Methods of teaching Islamic Studies | 3(3-0) |
| Semester 3 | | |
| ENG-421 | Communication Skills | 3(3-0) |
| EDU-403 | Teaching literacy Skills | 3(3-0) |
| BGD-317 | Art, Craft and Calligraphy | 3(3-0) |
| EDU-407 | Teaching of Urdu/Regional Languages | 3(3-0) |
| EDU-409 | Teaching of General Science | 3(3-0) |
| EDU-431 | Teaching Practice-1 (Internal) | 3(0-3) |
| Semester 4 | | |
| ENG-422 | Technical Writing | 3(3-0) |
| EDU-402 | Classroom Assessment | 3(3-0) |
| EDU-404 | Teaching of English | 3(3-0) |
| EDU-406 | Teaching of Mathematics | 3(3-0) |
| EDU-410 | Teaching of Social Studies | 3(3-0) |
| EDU-432 | Teaching Practice-II | 3(0-3) |
| Semester 5 | | |
| EDU-501 | School, Community and Teacher | 3(3-0) |
| EDU-503 | Foundations of Education | 3(3-0) |
| PHY-321 | Applied Physics-I | 3(3-0) |
| MTH-112 | Basic Mathematics-II | 3(3-0) |
| EDU-509 | Curriculum Development | 3(3-0) |
| EDU-511 | Comparative Education | 3(3-0) |
| Semester 6 | | |
| EDU-502 | Contemporary Trends and issues in Education | 3(3-0) |
| BOT-303 | Functional Biology-I | 3(3-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| EDU-508 | Educational Psychology | 3(3-0) |
| EDU-510 | Introduction to guidance and counseling | 3(3-0) |
| EDU-512 | Instructional and Communication Technology (ICT) in Education | 3(3-0) |
| Semester 7 | | |
| CHM-321 | Introductory Chemistry | 3(3-0) |
| MTH-322 | Introduction to Calculus | 3(3-0) |
| EDU-607 | Data Analysis in Education | 3(3-0) |
| EDU-609 | Research Methods in Education | 3(3-0) |
| EDU-633 | Teaching Practice-III | 3(0-3) |

| Semester 8 | | |
|------------|---------------------------------|--------|
| EDU-602 | School Management | 3(3-0) |
| EDU-604 | Test development and evaluation | 3(3-0) |
| EDU-634 | Teaching Practice-IV(Long Term) | 6(0-6) |
| EDU-632 | Research project | 3(0-3) |

BEd 1.5 years/3 semesters

| Semester 1 | | |
|--|---|--------|
| EDU-551 | Philosophy of Education | 3(3-0) |
| EDU-553 | Introduction to Educational Psychology | 3(3-0) |
| EDU-555 | Sociology of Education | 3(3-0) |
| EDU-557 | Educational Management & Supervision | 3(3-0) |
| EDU-559 | Curriculum Development & Implementation | 3(3-0) |
| EDU-561 | Research Methods in education | 3(3-0) |
| Semester 2 | | |
| EDU-552 | Educational Technology | 3(3-0) |
| EDU-556 | Educational Measurement & Evaluation | 3(3-0) |
| | Area of Specialization (Course-I) | 3(3-0) |
| | Area of Specialization (Course-II) | 3(3-0) |
| | Area of Specialization (Course-III) | 3(3-0) |
| | Area of Specialization (Course-IV) | 3(3-0) |
| Semester 3 | | |
| EDU-611 | Teaching Practice | 6(0-6) |
| EDU-613 | General Methods of Teaching | 3(3-0) |
| EDU-615 | Inclusive Education | 3(3-0) |
| EDU-631 | Project | 3(0-3) |
| ENG-421 | Communication Skills | 3(3-0) |
| Elective Courses | | |
| Group 1: Leadership and Management | | |
| EDU-562 | Management Strategies in Educational Institutions | 3(3-0) |
| EDU-564 | School Administration and Supervision | 3(3-0) |
| EDU-566 | Implementation and Educational Management | 3(3-0) |
| EDU-568 | School Leadership | 3(3-0) |
| Group 2: Information and Communication Technology in Education | | |
| EDU-570 | Educational Technology | 3(3-0) |

| | | |
|-------------------------------------|--|--------|
| EDU-572 | Computers in Education | 3(3-0) |
| EDU-574 | Education and Media | 3(3-0) |
| EDU-576 | Education and Social Media | 3(3-0) |
| Group 3: Teacher Education | | |
| EDU-578 | Elementary Education | 3(3-0) |
| EDU-580 | Secondary Education | 3(3-0) |
| EDU-582 | Higher Education | 3(3-0) |
| EDU-584 | Teacher Education in Pakistan | 3(3-0) |
| Group 4: Science Education | | |
| EDU-586 | Foundations of Science Education | 3(3-0) |
| EDU-588 | Assessment in Science Education | 3(3-0) |
| EDU-589 | Laboratory Organization, Management and Safety Methods | 3(3-0) |
| EDU-590 | General Science in Schools | 3(3-0) |
| Group 5: Inclusive Education | | |
| EDU-592 | Foundations of Inclusive Education | 3(3-0) |
| EDU-594 | Psychology of Special Children | 3(3-0) |
| EDU-596 | Socialization of Children with Special Needs | 3(3-0) |
| EDU-598 | Assessment of Children with Special Needs | 3(3-0) |

MA Education

| | | |
|-------------------|---|--------|
| Semester 1 | | |
| EDU-551 | Philosophy of Education | 3(3-0) |
| EDU-553 | Introduction to Educational Psychology | 3(3-0) |
| EDU-555 | Sociology of education | 3(3-0) |
| EDU-557 | Educational Management & Supervision | 3(3-0) |
| EDU-559 | Curriculum Development & Implementation | 3(3-0) |
| EDU-561 | Research Methods in education | 3(3-0) |
| Semester 2 | | |
| EDU-552 | Educational Technology | 3(3-0) |
| EDU-554 | Education in Pakistan | 3(3-0) |
| EDU-556 | Educational Measurement & Evaluation | 3(3-0) |
| EDU-558 | Computer Application in Education | 3(3-0) |
| EDU-560 | Content improvement course in English | 3(3-0) |
| Semester 3 | | |
| EDU-653 | Contemporary Trends & Issues in Education | 3(3-0) |
| EDU-655 | Methods of teaching English | 3(3-0) |

| | | |
|---|---|--------|
| EDU-657 | Report Writing in Educational Research | 3(3-0) |
| EDU-659 | Statistical Application in Education Or | 3(3-0) |
| EDU-680 | Thesis | 6(0-6) |
| Group I: Educational Management | | |
| EDU-660 | Planning & Financing of Education | 3(3-0) |
| EDU-661 | Human Resource Management | 3(3-0) |
| Group II: Educational Psychology | | |
| EDU-662 | Psychology of Exceptional Children | 3(3-0) |
| EDU-663 | Psychological Testing | 3(3-0) |
| SEMESTER-4 | | |
| EDU-654 | Educational Change | 3(3-0) |
| EDU-656 | Teaching Profession | 3(3-0) |
| EDU-658 | Comparative Education | 3(3-0) |
| EDU-682 | Teaching Practice | 6(0-6) |
| Group I: Educational Management | | |
| EDU-664 | Personnel Management | 3(3-0) |
| EDU-665 | Educational Law | 3(3-0) |
| Group II: Educational Psychology | | |
| EDU-666 | Theory and Application of Psychological Testing | 3(3-0) |
| EDU-667 | Human Development | 3(3-0) |

MPhil and PhD Education

| | | |
|---------|---|--------|
| EDU-701 | Advanced Educational Administration and Management * | 3(3-0) |
| EDU-702 | Advanced Educational Psychology * | 3(3-0) |
| EDU-703 | Curriculum Planning and Development * | 3(3-0) |
| EDU-704 | Advanced Research Methods in Education * | 3(3-0) |
| STA-795 | Statistics for Research * | 3(3-0) |
| EDU-705 | Assessment and Evaluation in Education * | 3(3-0) |
| EDU-731 | Research Methodology (Qualitative, Quantitative and Mixed Method) | 3(3-0) |
| EDU-732 | Data Analysis Techniques | 3(3-0) |
| EDU-733 | Academic Writing Skills | 3(3-0) |
| EDU-734 | Philosophical Paradigms of Education ** | 3(3-0) |
| EDU-735 | Emerging Trends in Teacher Education ** | 3(3-0) |
| EDU-736 | Policy Studies in Education ** | 3(3-0) |

| | | |
|--|---|--------|
| EDU-737 | Technology in Education ** | 3(3-0) |
| EDU-738 | Emerging trends in Educational Research ** | 3(3-0) |
| EDU-739 | Comparative Education ** | 3(3-0) |
| * Students will choose any two courses from Specilization | | |
| Group 1: Educational Administration | | |
| EDU-707 | Organizational Theory and Behavior in Education | 3(3-0) |
| EDU-708 | Total Quality Management (TQM) in Education | 3(3-0) |
| EDU-709 | Human Resource Management in Education | 3(3-0) |
| EDU-710 | Educational Leadership and Supervision | 3(3-0) |

| | | |
|--|------------------------------------|--------|
| Group 2: Educational Psychology | | |
| EDU-711 | Psychology of Exceptional Children | 3(3-0) |
| EDU-712 | Learning and Instructions | 3(3-0) |
| EDU-713 | Psychological Testing | 3(3-0) |
| EDU-714 | Social Psychology | 3(3-0) |

| | | |
|------------------------------------|---|--------|
| Group 3: Curriculum Studies | | |
| EDU-715 | Trends and Issues in Curriculum | 3(3-0) |
| EDU-716 | Curriculum Theories and Practices | 3(3-0) |
| EDU-717 | Curriculum Evaluation and Assessment | 3(3-0) |
| EDU-718 | Curriculum Change and Innovation in Education | 3(3-0) |

| | | |
|---|--|--------|
| Group 4: Educational Assessment and Evaluation | | |
| EDU-719 | Test theories and Designs | 3(3-0) |
| EDU-720 | Trends and Issues in Educational Assesment | 3(3-0) |
| EDU-721 | Test Development | 3(3-0) |
| EDU-722 | Methods and techniques of Classroom Assessment | 3(3-0) |

*Courses for MPhil program

** Core courses for PhD students; They will have to take three core courses as and when offered by the department.

| | | |
|---|--------------------|--------|
| Mandatory Requirements for Mphil | | |
| EDU-728 | Seminar (General) | 1(0-1) |
| EDU-729 | Seminar (Research) | 1(0-1) |
| EDU-730 | Thesis | 6(0-6) |

| | | |
|---------------------------------------|--------------------|--------|
| Mandatory Requirements for PhD | | |
| EDU-758 | Seminar (General) | 1(0-1) |
| EDU-759 | Seminar (Research) | 1(0-1) |
| EDU-760 | Thesis | - - - |

Department of English Literature

Phone: 041-9201413
Email: englliterature@gcuf.edu.pk



Programs Offered

1. BS English Literature
2. MA English Literature
3. MPhil English Literature
4. PhD English Literature

Chairperson: Dr. Mazhar Hayat

Vision

To cope with the radical changes taking place in the field of knowledge. The Department aims to stimulate humanistic learning and the capacity to respond rationally and imaginatively to literature and life. Through the advancement of knowledge, skills and human creativity, the Department prepares students to be independent, enlightened thinkers aiming to work as professionals and opinioned leaders of tomorrow.

Mission

To inspire an appreciation for the English language and its literatures, and to cultivate its effective use in creative expression and day-to-day life. The Department strives to enhance student success by fostering an environment conducive to intellectual and personal growth and aims to preserve and protect academic freedom and intellectual independence. It provides a forum for critical inquiry and debate. Our mission is to instill in the students a spirit of critical inquiry with a capability to look beyond their parochial surroundings and analytical vision to place and define themselves in the wider social, cultural, political and ideological environment. Through our extensive curriculum, we aim at the development of an educated and enlightened population capable of informed judgment and responsible citizenship and the availability of persons who have the knowledge, skills and adaptability required by public and private enterprise.

Introduction

The Department of English Literature is one of the leading departments of the University with a rich history of excellence, quality teaching and research spanning over decades. The

Department has always been committed to the symbiotic relationship of teaching, research and the larger concerns of society. The Department of English seeks to provide to the diverse needs of its students by offering them the opportunity to read widely understand and enjoy what they read, and to express themselves both orally and in writing with ease, force and clarity. The English Department maintains its strong commitment to traditional areas of study, while also supporting groundbreaking research and teaching in new and interdisciplinary approaches to literary studies.

The Department of English caters for the needs of other departments related to English language, hence maintaining close ties with other departments. English Department teaches across the whole range of English literature and language studies. Our aim is to provide students with a stimulating environment in which to develop skills in all areas of English.

Faculty

Dr. Mazhar Hayat

Associate Professor
PhD

Specialization: Comparative Literature, Critical Theory, Literary Stylistics

Dr. Muhamamd Asif

Assistant Professor
PhD

Specialization: Shakespearian Studies, Translation Studies, Modern Novel

Dr. Ghulam Murtaza

Assistant Professor
PhD

Specialization: Native American Literature, Foucauldian Studies, Critical Discourse Analysis, Literary Theory, Stylistics

Dr. Ali Usman Saleem

Assistant Professor
PhD

Specialization: Pakistani Literature in English, Modern Literary and Critical Theory, Postcolonial Studies

Dr. Asma Aftab

Assistant Professor
PhD

Specialization: Feminist Literary Criticism

Ms. Sofia Dildar Alvi (on EOL)

Lecturer
MPhil

Specialization: Classical Literary Theory, Pakistani Literature, Halliday's Functional Linguistics

Mr. Aamer Shaheen

Lecturer (on Study Leave)
MPhil (GCUF).

Specialization: Pakistani literature in English, Literary theory, Postcolonial Theory & Literature, Literary Stylistics

Ms. Sadia Qamar

Lecturer (on Study Leave)
PhD (Scholar)

Specialization: Modern English Poetry, Novel in "englishes", Literary theory, Post-colonial Theory & Literature, Sociolinguistics

Mr. Noor Ul Qamar Qasmi

Lecturer (on Study Leave)
MPhil (Scholar)

Specialization: Popular Narrative, Post Colonialism

Ms. Saddaf Rasheed

Lecturer
MPhil

Specialization: Feminist Literary Criticism

Ms. Safana Hashmat

Lecturer
MPhil

Specialization: Psychoanalytical Literary Criticism

Ms. Sahar Javaid

Lecturer
MPhil

Specialization: English Literature , Novel , Communication Skills

Mr. Tasawar Abbas Shah (On Study Leave)

Lecturer
MPhil

Specialization: Syntax , Semantics, Classical Drama

Mr. Muhammad Afzal Khan Janjua

Lecturer
MPhil (Scholar)

Specialization: Postcolonial Theory , Pakistani Literature in English, History of English Literature, Classical & Modern novel, Communication & Rhetorical skills

Ms. Nausheen Yousaf (on Study Leave)

Lecturer
MPhil (Scholar)

Specialization: Psychoanalysis Literary Criticism Novel

Ms. Sajjida Iqbal

Lecturer

MPhil Specialization: Stylistics, Literary Theory- Marxism, New Historicism, Psychoanalysis

Ms. Kanza Umer Khan

Lecturer

MPhil Specialization: Greek & Elizabethan Drama, Literary Theory

Ms. Uzma Asmat

Lecturer
MPhil

Specialization: Discourse Analysis

Mr. Hassan Lali

Lecturer
MPhil (Scholar)

Specialization: Drama & Poetry

Ms. Hina Kanwal

Lecturer
MPhil (Scholar)

Specialization: American Literature

Ms. Sadia Akram

Lecturer

MPhil Specialization: Research Methodology, Comparative Literature, Literary Theory, World Literature

Ms. Anum Javed

Lecturer
MPhil

Specialization: New Historicism

Ms. Farkhanda Nazir

Lecturer

MPhil Specialization: Literary Theory, Research Methodology & Novel

Ms. Aneela Azhar

Lecturer
MA

Specialization: Research Methodology, Poetry, Novel

Ms. Sonia Rafique

Lecturer
MA

Specialization: General Linguistics, Classical Poetry

Ms. Sabeen Nadeem

Lecturer
MPhil

Specialization: Modern Novel , Communication Skills

Ms. Zahida Rehman (on Contract)

Lecturer
MPhil

Specialization: Modern Novel , Communication Skills

Ms. Tabassum Maqbool (on Contract)

Lecturer
MPhil

Specialization: Feminism, Creative Writing, Literary Theory



Scheme of Studies BS English Literature

| Semester 1 | | |
|------------|--|--------|
| ENG-301 | English (I) | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| ENG-305 | History of English Literature (I) | 3(3-0) |
| ENG--303 | Introduction to Literary Studies | 3(3-0) |
| ENG-307 | Classical Poetry (I) | 3(3-0) |
| ENG-309 | Prose | 3(3-0) |
| PSY-407 | Social Psychology | 3(3-0) |
| Semester 2 | | |
| ENG-302 | English (II) | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| ENG-304 | Classical Poetry (II) | 3(3-0) |
| ENG-306 | History of English Literature (II) | 3(3-0) |
| ENG-308 | Greek Literature | 3(3-0) |
| ENG-310 | Philosophy | 3(3-0) |
| Semester 3 | | |
| ENG-401 | English (III) | 3(3-0) |
| CSI- 321 | Introduction to Computing Applications | 3(3-0) |
| ENG-403 | Introduction to Linguistics | 3(3-0) |
| ENG-405 | Novel (I) | 3(3-0) |
| ENG-407 | Elizabethan and Restoration Drama | 3(3-0) |
| GEO-302 | Physical Geography | 3(3-0) |
| Semester 4 | | |
| ENG-402 | Advanced Academic Reading and Writing | 3(3-0) |
| ENG-404 | Media Studies | 3(3-0) |
| ENG-406 | Literary Criticism | 3(3-0) |
| ENG-408 | Romantic and Victorian Poetry | 3(3-0) |
| ENG-409 | Victorian Novel | 3(3-0) |
| ENG-410 | Shakespearean Studies | 3(3-0) |
| Semester 5 | | |
| ENG-501 | Modern Poetry | 3(3-0) |
| ENG-503 | Pakistani Literature in Translation | 3(3-0) |
| ENG-505 | TESOL | 3(3-0) |
| ENG-507 | Literary Theory (I) | 3(3-0) |

| ENG-509 | American Literature (I) | 3(3-0) |
|------------|--------------------------------------|--------|
| ENG-511 | Modern Novel | 3(3-0) |
| Semester 6 | | |
| ENG-502 | Literary Theory (II) | 3(3-0) |
| ENG-504 | American Literature (II) | 3(3-0) |
| ENG-506 | Modern Drama | 3(3-0) |
| ENG-508 | Russian Literature | 3(3-0) |
| ENG-510 | Pakistani Literature in English (I) | 3(3-0) |
| Semester 7 | | |
| ENG-601 | Short Stories | 3(3-0) |
| ENG-603 | Postcolonial Studies | 3(3-0) |
| ENG-605 | Pakistani Literature in English (II) | 3(3-0) |
| ENG-607 | Literature of War and Conflict | 3(3-0) |
| ENG-609 | Theatre of the Absurd | 3(3-0) |
| Semester 8 | | |
| ENG-602 | Research Methodology | 3(3-0) |
| ENG-604 | Women's Writings | 3(3-0) |
| ENG-606 | World Literature | 3(3-0) |
| ENG-608 | Postcolonial Literature | 3(3-0) |
| ENG-610 | Critical Theory | 3(3-0) |

MA English Literature

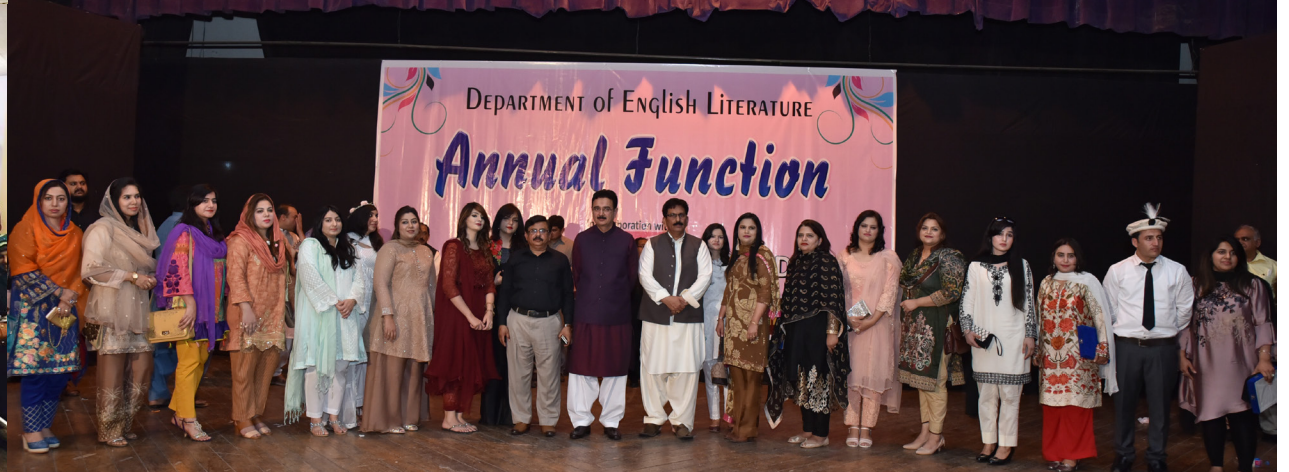
| Semester 1 | | |
|------------|-----------------------------------|--------|
| ENG-551 | Classical Poetry | 3(3-0) |
| ENG-553 | Elizabethan and Restoration Drama | 3(3-0) |
| ENG-555 | History of English Literature | 3(3-0) |
| ENG-557 | Prose | 3(3-0) |
| ENG-559 | Academic Reading & Writing | 3(3-0) |
| ENG-561 | Greek Literature | 3(3-0) |
| Semester 2 | | |
| ENG-552 | Literary Criticism | 3(3-0) |
| ENG-554 | Novel-1 | 3(3-0) |
| ENG-556 | Romantic & Victorian Poetry | 3(3-0) |
| ENG-558 | American Literature | 3(3-0) |
| ENG-560 | Literary Theory | 3(3-0) |
| ENG-562 | General Linguistics | 3(3-0) |

| Semester 3 | | |
|------------|---------------------------------|--------|
| ENG-651 | Research Methodology | 3(3-0) |
| ENG-653 | Modern Drama | 3(3-0) |
| ENG-655 | Modern Poetry | 3(3-0) |
| ENG-657 | Postcolonial Studies | 3(3-0) |
| ENG-659 | Literature Around the World | 3(3-0) |
| ENG-661 | Theatre of Absurd | 3(3-0) |
| Semester 4 | | |
| ENG-652 | Modern Novel | 3(3-0) |
| ENG-654 | Pakistani Literature in English | 3(3-0) |
| ENG-656 | Short Stories | 3(3-0) |
| ENG-658 | Women's Writings | 3(3-0) |
| ENG-660 | Literature of War and Conflict | 3(3-0) |
| ENG-662 | Shakespearean Studies | 3(3-0) |

MPhil/PhD English Literature

| Core Courses | | |
|---|---|--------|
| ENG-701 | Literary Theory * | 3(3-0) |
| ENG-704 | Research Methodology * | 3(3-0) |
| ENG-705 | Postcolonial Studies * | 3(3-0) |
| ENG-706 | Pakistani Literature in English * | 3(3-0) |
| ENG-711 | Advanced Research Methods ** | 3(3-0) |
| ENG-712 | Literary and Critical Studies ** | 3(3-0) |
| * Core course for Mphil and 2 elective courses in each semester ** Core course for Phd and 2 elective courses in each semester | | |
| List of Elective Courses for Mphil / Phd English | | |
| ENG-702 | 20th Century Drama and Poetry | 3(3-0) |
| ENG-703 | 20th Century Fiction | 3(3-0) |
| ENG-707 | American Literature | 3(3-0) |
| ENG-708 | World Literature in Translation | 3(3-0) |
| ENG-709 | Classical Rhetorical Studies | 3(3-0) |
| ENG-710 | South Asian Literature | 3(3-0) |
| ENG-713 | Contemporary Pakistani Literature | 3(3-0) |
| ENG-714 | Literatures Across Time and Cultures | 3(3-0) |
| ENG-715 | Postcolonial Theory and Literature | 3(3-0) |
| ENG-716 | Gender Studies | 3(3-0) |
| ENG-717 | Native American Literaturesn Shakespearean Studies | 3(3-0) |

| Mandatory Requirement for MPhil | | |
|---------------------------------|--------------------|--------|
| ENG-728 | Seminar (General) | 1(0-1) |
| ENG-729 | Seminar (Research) | 1(0-1) |
| ENG-730 | Thesis | 6(0-6) |
| Mandatory Requirement for PhD | | |
| ENG-758 | Seminar (General) | 1(0-1) |
| ENG-759 | Seminar (Research) | 1(0-1) |
| ENG-760 | Thesis | --- |



Department of History and Pakistan Studies

Phone: 041-9201428
Email: history@gcuf.edu.pk



Vision

We aim to be a leader of the disciplines of social sciences by developing analytical tools excelling in teaching, scholarship and exploiting opportunities for academic research.

Mission

To the pursuit of academic excellence and diversity. The department strives to polish the students' intellectual curiosity with a focus on tools to assess and resolve complex problems and inculcate skills to become independent and motivated decision-makers.

Introduction

The Department of Pakistan Studies was established in 2003. It was renamed as Department of History and Pakistan Studies in 2011. The Department offers programmes i.e. MSc (Morning/Evening), MPhil (Evening) in both History and Pakistan Studies. It aims to impart learning and understanding of the philosophical, social, cultural, political and economic contours of the discipline of History as well as various aspects of the state and society of Pakistan and PhD History. It also attempts to orientate the students towards the institutional strengths and weakness of the government to reinforce its strengths and correct what we may call our deficiencies.

Our goal is to make the department a centre of excellence by producing capable experts and quality research in both the disciplines of History and Pakistan Studies. Pakistan Studies is an inter-disciplinary subject and it offers courses which have close affinity with and understanding of other subjects of Social Sciences such as Economics, Sociology, History, Pakistani

languages and literature. We are trying our best to encourage and prepare the students for the exploration, analysis and advancement of research on the issues besetting Pakistan internally and externally. In this regard, the authorities of the university are planning to establish a Research Centre in near future which would not only concentrate on the basic issues of Pakistani state and society but also examine and boost the prospects of peace in South Asia and suggest ways and means to promote harmony and stability in the region. The Department also establishment Iyallpur chair.

Faculty

Dr. Abdul Qadir Mushtaq

Assistant Professor / Incharge
PhD (History)

Specialization: Constitutional and Political History of Pakistan, Foreign Policy of Pakistan

Mr. Ghulam Ghous

Assistant Professor
MPhil (History) (Pak)

Specialization: Freedom Movement, Party Politics and Political Parties in Pakistan, Historiography and Philosophy of History

Dr. Rizwan Ullah Kokab

Assistant Professor
PhD (History)(Pak) ,PostDoc (UK)

Specialization: Modern History of South Asia, Movements Leadership, Separatism

Programs Offered

1. BS History
2. BS Pakistan Studies
3. MSc Pakistan Studies
4. MA History
5. MPhil Pakistan Studies
6. MPhil History
7. PhD History

Incharge: Dr. Abdul Qadir Mushtaq

Dr. Shahid Latif

Assistant Professor (Contract)
PhD (History)
Specialization: Migration and Ethnicity

Dr. Azmat Ullah

Assistant Professor
PhD (History)
Specialization : Pastun's Struggle for power in Afghanistan in the post-Soviet Period:1992-2001

Ms. Zil-e-Huma Rafique

Lecturer
MPhil (Pak. Studies)
Specialization: Pak-US Relations Political History of Pakistan

Ms. Somia Tasneem

Lecturer (FDP) (On Study Leave)
MPhil (Pakistan Studies)
Specialization: Culture and Tourism

Ms. Asma Naureen

MPhil (History)
Lecturer
Specialization: Pakistan Movement

Ms. Iffat Tahira

Lecturer
MPhil (Pakistan Studies), (Pak)
Specialization: Local self government in Pakistan

Mr. Zaighum Sarfraz Kamoka

Lecturer
MPhil (History)
Specialization: Modern south Asia and governance crises in Pakistan

Mr. Mazhar Abbas

Lecturer (on study leave)
MPhil (Pakistan Studies)
Specialization: Landed Aristocracy In Pakistan

Mr. Umer Yaqoob

Lecturer
MPhil History
Specialization: Pakistan History

Mr. Tohid Ahmad Chattha

Research Officer
MPhil (Pakistan studies)
Specialization: History of Punjab & Religious extremism in Pakistan

Scheme of Studies

BS History

| Semester 1 | | |
|------------|--|--------|
| ENG-321 | Functional English | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| HIS-304 | Introduction to History | 3(3-0) |
| HIS-305 | Introduction to World Civilization | 3(3-0) |
| POL-301 | Introduction to Political Sciences | 3(3-0) |
| Semester 2 | | |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| HIS-308 | Pakistan Studies | 2(2-0) |
| HIS-309 | Research Methodology | 3(3-0) |
| HIS-310 | History of Islam | 3(3-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| SOC-307 | Introduction to Sociology | 3(3-0) |
| Semester 3 | | |
| ENG-421 | Communication Skills | 3(3-0) |
| HIS-402 | Urdu / Regional Language | 3(3-0) |
| HIS-403 | History of Umayyads and Abbasids (661-1258) | 3(3-0) |
| HIS-404 | History of Muslim Rule in South Asia(640-1526) | 3(3-0) |
| HIS-405 | History of Europe (1453-1848) | 3(3-0) |
| POL-406 | Introduction to International Relations | 3(3-0) |
| Semester 4 | | |
| ECO-408 | Issues in Pakistan Economy | 3(3-0) |
| EDU-503 | Foundation of Education | 3(3-0) |
| HIS-409 | History of Muslim Rule in South Asia (1526-1857) | 3(3-0) |
| HIS-410 | Urdu/ Regional Language | 3(3-0) |
| ENG-422 | Technical Writing | 3(3-0) |
| HIS-412 | History of Muslim Rule in Spain (755-1492) | 3(3-0) |

| Semester 5 | | |
|--|---|---------|
| HIS-501 | Historiography | 3(3-0) |
| HIS-502 | History of Europe (1848-1991) | 3(3-0) |
| HIS-503 | History of Freedom Movement (1857-1947) | 3(3-0) |
| HIS-504 | History of Pakistan Studies (1947-1971) | 3(3-0) |
| HIS-505 | Historical perspective of Pakistan | 3(3-0) |
| Semester 6 | | |
| HIS-506 | History of Sufism | 3 (3-0) |
| HIS-507 | History of Saffarids (1501-1786) | 3 (3-0) |
| HIS-508 | History of Pakistan (1972-2008) | 3 (3-0) |
| HIS-509 | History of Modern Muslim World | 3 (3-0) |
| HIS-510 | History of Modern Arab World (1919-1945) | 3 (3-0) |
| HIS-511 | Persian / Arabic / Turkish | 2 (2-0) |
| Semester 7 | | |
| HIS-601 | History of Central Asia Il-Khanids and Timurids | 3(3-0) |
| HIS-602 | History of Religious Thought in Islam | 3(3-0) |
| HIS-603 | History of Muslim Social and Political Thought | 3(3-0) |
| HIS-604 | History of the Modern Arab World (1945-1992) | 3(3-0) |
| HIS-605 | History of Muslim Cities | 3(3-0) |
| Semester 8 | | |
| HIS-630 | Thesis | 6(0-6) |
| Optional Courses (4 Courses will be chosen from following group) | | |
| General History | | |
| HIS-607 | Socio-Economic History of South Asia (1206-1707) | 3(3-0) |
| HIS-608 | History of Ancient India | 3(3-0) |
| HIS-609 | History of the Mughals | 3(3-0) |
| HIS-610 | History of Europe | 3(3-0) |
| HIS-611 | History of England | 3(3-0) |
| HIS-612 | History of USA | 3(3-0) |
| HIS-613 | History of Russia | 3(3-0) |
| HIS-614 | Regional Studies: Balochistan, Sindh, Punjab, KPK | 3(3-0) |
| Indo-Pakistan Subcontinent | | |
| HIS-615 | Indus Valley Civilization | 3(3-0) |
| HIS-616 | Hindu & Buddhist Civilizations | 3(3-0) |
| HIS-617 | History of Sultanate Period | 3(3-0) |
| HIS-618 | History of The Great Mughals | 3(3-0) |



| | | |
|---------|---|--------|
| HIS-619 | History of Revivalist Movement in South Asia | 3(3-0) |
| HIS-620 | Pakistan Movement | 3(3-0) |
| HIS-621 | Constitutional History of Pakistan(1947 – 2008) | 3(3-0) |
| HIS-622 | Political History of Pakistan (1947 – 2008) | 3(3-0) |

BS Pakistan Studies

| Semester 1 | | |
|------------|--|--------|
| PST-304 | Independence Movement and the Creation of Pakistan (1857-1947) | 3(3-0) |
| PST-305 | Land and People of Pakistan | 3(3-0) |
| ENG-321 | Functional English | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| Semester 2 | | |
| PST-309 | Pakistan: A survey (1947-1970) | 3(3-0) |
| PST-310 | Pakistan : Society and Culture | 3(3-0) |
| ENG-322 | English comprehension and Composition | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| POL-301 | Introduction to Political Science | 3(3-0) |
| Semester 3 | | |
| ENG-421 | Communication Skills | 3(3-0) |
| PST-402 | Urdu / Regional Languages | 3(3-0) |
| SOC-307 | Introduction to Sociology | 3(3-0) |
| POL-406 | Introduction to International Relations | 3(3-0) |
| ECO-408 | Issues in Pakistan Economy | 3(3-0) |
| PST -406 | Foreign Policy of Pakistan | 3(3-0) |
| Semester 4 | | |
| PST-407 | Pakistan Language and Literature | 3(3-0) |
| PST-408 | Pakistan: A survey (1971 to 2008) | 3(3-0) |
| PSY-422 | Introduction to Psychology | 3(3-0) |
| EDU-503 | Foundation of Education | 3(3-0) |
| PST-411 | Mass Media and Communication in Pakistan | 3(3-0) |
| PST-412 | Social change and development in Pakistan | 3(3-0) |

| Semester 5 | | |
|------------|--|--------|
| ECO-321 | Introduction to Economics | 3(3-0) |
| PST-502 | Human rights in Pakistan | 3(3-0) |
| PST-503 | Historical perspective of Pakistan | 3(3-0) |
| PST-504 | Muslim revivalist movement in Indo-Pakistan subcontinent (18th – 20th century) | 3(3-0) |
| PST-505 | Contemporary issues in Pakistan | 3(3-0) |

| Semester 6 | | |
|------------|---|--------|
| PST-506 | Political and constitutional development in Pakistan. | 3(3-0) |
| PST-507 | Seminar an issue of National importance | 3(3-0) |
| PST-508 | Local self Government in Pakistan | 3(3-0) |
| PST-509 | Pakistan Foreign Policy (1971-2008) | 3(3-0) |
| PST-510 | Political parties and civil society in Pakistan | 3(3-0) |

| Semester 7 | | |
|------------|---|--------|
| PST-601 | Political and Constitutional Development (1971-2008) | 3(3-0) |
| PST-602 | Citizenship: A case study of Pakistan | 3(3-0) |
| PST-603 | Political System: Governments and Regimes (1947-2008) | 3(3-0) |
| PST-604 | Geographic and Demographic profile of Pakistan | 3(3-0) |
| PST-605 | Research Methodology | 3(3-0) |

| Semester 8 | | |
|------------|---|--------|
| PST-606 | Mineral and Energy Resources of Pakistan | 3(3-0) |
| PST-607 | Legal system of Pakistan : Civil and Criminal | 3(3-0) |
| PST-608 | Pak-USA Foreign Policy before and After 9/11 | 3(3-0) |
| PST-630 | Research Thesis | 6(0-6) |

MSc Pakistan Studies

| Semester 1 | | |
|------------|--|--------|
| PST-551 | Muslim Nationalism in South Asia | 4(4-0) |
| PST-553 | Public Policy and Governance in Pakistan | 3(3-0) |
| PST-555 | Foreign Policy of Pakistan | 4(4-0) |
| PST-557 | Ideological Foundations of Pakistan | 4(4-0) |
| ENG-321 | Functional English | 3(3-0) |

| Semester 2 | | |
|------------|--|--------|
| PST-552 | Civil and Military Bureaucracy in Pakistan | 3(3-0) |

| | | |
|---------|---|--------|
| PST-554 | Constitutional and Political Development in Pakistan | 4(4-0) |
| PST-556 | Party Politics and Political Parties in Pakistan | 4(4-0) |
| PST-558 | Local Self Government and Devolution of Power in Pakistan | 4(4-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |

| Semester 3 | | |
|------------|---|--------|
| PST-651 | Geography of Pakistan | 3(3-0) |
| PST-653 | Federation and Regionalism in Pakistan | 3(3-0) |
| PST-655 | Pakistani Culture: A Profile | 4(4-0) |
| PST-657 | Research Methodology | 4(4-0) |
| PST-659 | Intellectual History of Muslims of South Asia | 4(4-0) |

| Optional Courses | | |
|------------------|-------------------------------|--------|
| PST-661 | Regional Studies | 3(3-0) |
| PST-663 | Women Empowerment in Pakistan | 3(3-0) |

| Semester 4 (Five Courses from the following) | | |
|--|--|--------|
| PST-652 | Pakistan in International Scenario | 3(3-0) |
| PST-654 | Dimensions of Mystical Islam in South Asia | 4(4-0) |
| PST-656 | Human rights, Law and State in Pakistan/ Research Dissertation | 4(4-0) |
| PST-658 | Political Economy of Pakistan | 3(3-0) |
| PST-660 | Language and Literature in Pakistan | 3(3-0) |
| PST-630 | Thesis | 6(0-6) |
| PST-662 | Crisis and Disaster Management | 3(3-0) |
| PST-664 | Politics of Religion in Pakistan | 3(3-0) |

MA History

| Semester 1 | | |
|------------|---|--------|
| HIS-551 | Early History of Islam | 3(3-0) |
| HIS-553 | Research Methodology | 3(3-0) |
| HIS-555 | Muslim Struggle for Independence 1858-1930 | 3(3-0) |
| HIS-557 | Government & Politics in Pakistan 1947-2000 | 3(3-0) |
| HIS-559 | Modern Europe(1789-1945) | 3(3-0) |
| ENG-321 | Functional English | 3(3-0) |

| Semester 2 | | |
|------------|---|--------|
| HIS-552 | State and Society in Muslim India 1206-1707 | 3(3-0) |
| HIS-554 | Muslim Struggle for Independence 1930-1947 | 3(3-0) |
| HIS-556 | Foreign Policy of Pakistan 1947-1997 | 3(3-0) |

| | | |
|-------------------|---|--------|
| HIS-558 | Philosophy of History | 3(3-0) |
| HIS-560 | International Relations and Organizations | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| Semester 3 | | |
| HIS-651 | Contemporary Middle East | 3(3-0) |
| HIS-653 | United States after Second World War | 3(3-0) |
| HIS-655 | Local Self-Government in Pakistan | 3(3-0) |
| HIS-657 | Pakistani Languages and Literature | 3(3-0) |
| HIS-659 | Muslim Rule in India(712-1526) | 3(3-0) |
| HIS-661 | Muslim Political Thought and Institutions | 3(3-0) |
| Semester 4 | | |
| HIS-652 | Modern Muslim World | 3(3-0) |
| HIS-654 | The Great Mughals(1526-1707) | 3(3-0) |
| HIS-656 | Later Mughals & British India(1707-1857) | 3(3-0) |
| HIS-658 | The Punjab in Modern Times | 3(3-0) |
| HIS-660 | Umayyads and Abbasides | 3(3-0) |
| HIS-662 | The Ottoman Empire(1288-1924) | 3(3-0) |

MPhil Pakistan Studies

| | | |
|---|---|---------|
| PST-701 | Politics and Discourse of Quaid-e-Azam | 3(3-0) |
| PST-702 | Pakistan and Contemporary World | 3(3-0) |
| PST-703 | Policy Formulation and Decision Making in Pakistan | 3(3-0) |
| PST-704 | Constitutional Development and Political Dynamics in Pakistan | 3(3-0) |
| PST-705 | Islamic Modernism in Pakistan | 3(3-0) |
| PST-706 | Research Methodology | 3(3-0) |
| PST-707 | Problem of National Integration in Pakistan | 3(3-0) |
| PST-708 | Government and Politics in Bhutto Era | 3(3-0) |
| PST-709 | Governance and Politics in Pakistan | 3 (3-0) |
| PST-710 | Religion and Politics in Pakistan | 3 (3-0) |
| Mandatory Requirements for MPhil | | |
| PST-728 | Seminar (General) | 1(0-1) |
| PST-729 | Seminar (Research) | 1(0-1) |
| PST-730 | Thesis | 6(0-6) |

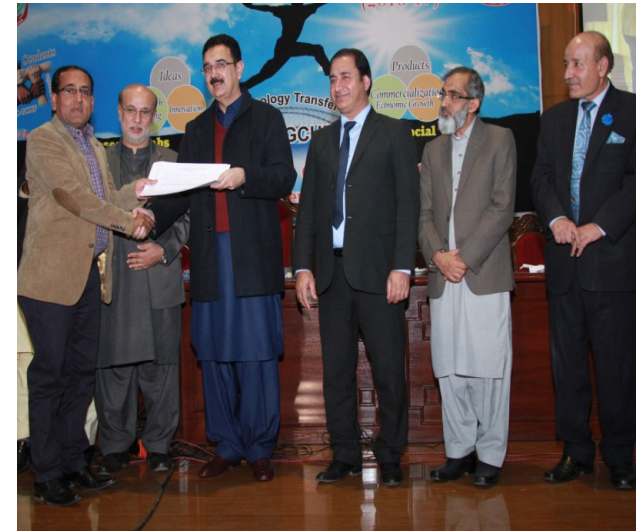
MPhil History

| | | |
|---|--|--------|
| HIS-701 | Research Methodology | 3(3-0) |
| HIS-702 | Leadership and Challenges in the 20th Century | 3(3-0) |
| HIS-703 | A Study of Historical Movements of South Asia | 3(3-0) |
| HIS-704 | Resistance and Revolution in History | 3(3-0) |
| HIS-705 | Historiography | 3(3-0) |
| HIS-706 | A Study of Political Parties in Pakistan | 3(3-0) |
| HIS-707 | A Study of Historical Institutions and Ideologies | 3(3-0) |
| HIS-708 | A Study of Personalities/ Issues/ Institutions in Pakistan | 3(3-0) |
| Mandatory Requirements for MPhil | | |
| HIS-728 | Seminar (General) | 1(0-1) |
| HIS-729 | Seminar (Research) | 1(0-1) |
| HIS-730 | Thesis | 6(0-6) |

PhD History

| | | |
|-------------------------|---|--------|
| Semester 1 | | |
| HIS-709 | Methods of Research in History | 3(3-0) |
| HIS-710 | History of Muslim Nationalism in South Asia | 3(3-0) |
| HIS-711 | Politics of Political Parties in Pakistan | 3(3-0) |
| HIS-712 | Political Personalities of Pakistan | 3(3-0) |
| HIS-758 | Seminar (General) | 1(0-1) |
| Semester 2 | | |
| HIS-713 | Historiography | 3(3-0) |
| HIS-759 | Seminar (Research) | 1(0-1) |
| Optional Courses | | |
| HIS-714 | Intellectual History of Islam in South Asia (712-1757) | 3(3-0) |
| HIS-715 | History and Culture of Modern Muslim world (Iran Turkey, Indonesia, Saudi Arabia, Egypt) | 3(3-0) |
| HIS-716 | Persian Sources of History | 3(3-0) |
| HIS-717 | Colonialism and Society in South Asia (1757-1947) | 3(3-0) |
| HIS-718 | History of Muslim Art & Culture in South Asia | 3(3-0) |
| HIS-719 | History of Regions in Pakistan focusing on Punjab | 3(3-0) |
| HIS-720 | Institutions in South Asia | 3(3-0) |
| HIS-721 | Political Personalities in South Asia | 3(3-0) |

| | | |
|--|-------------------------------------|--------|
| HIS-722 | Political Movements in South Asia | 3(3-0) |
| HIS-723 | Religion and Politics in South Asia | 3(3-0) |
| | | |
| HIS-760 | Thesis | |
| <p>The students must qualify 18 credit hours in total (9 each during first and second semesters). General and Research seminars to be enrolled during first and second semesters, respectively to be eligible for sitting in the comprehensive exams (after passing 20 credit hours).Total credit hours for the degree = 20.</p> | | |





College of Law

Phone: 041-9200152
Email: law@gcuf.edu.pk



Vision

The College of Law envisions a society which is just, democratic, and law abiding.

Mission

To prepare legal practitioners with sound theoretical background and commitment to ethics and fair play. These professionals will play their role in upholding the sanctity of the constitution and the courts of law. They will become torch bearers of human rights, child rights, women rights and minority rights, contributing immensely to the cause of social justice and just society.

Introduction

The Faculty of Law was established in 2003. The Faculty has its own distinction among other faculties of the University. The programmes offered by the College aim at satisfying academic and professional requirements of the students, so that they may enter the arena of legal practice with all the requisite legal and professional skills. The dynamic teaching faculty of Law provides legal education with an Islamic and Pakistani perspective that is relevant to the structure of Pakistani state and society. The students are encouraged to develop critical and analytical skills by involving themselves in the research activities. Owing to the commitment and efforts of highly professional teaching staff, the Law College has made its name in the legal education. Five Years Law Programme is in accordance with the approved curriculum of HEC and is designed to cater to all the professional and legal requirements of the students.

Faculty

Dr. Aamir Abbas Haral

Assistant Professor / Incharge
PhD in Law (UK)
Specialization: Company & Corporate Law

Dr. Muhammad Amir manj

Assistant Professor
PhD in Law (China)
Specialization: Economic Laws

Mr. Ghulam Murtiza

Assistant Professor
PhD Scholar (On Study Leave)
Specialization: Administrative Law

Mr. Khalil ur Rehman

Lecturer
LLM Scholar

Mr. Shahid Rizwan

Lecturer
PhD Scholar (On study Leave)
Specialization: Corporate Law

Ms. Fozia Naseem

Lecturer
PhD Scholar
Specialization: Human Rights Law

Programs Offered

1. LLB (5 Years)
2. LLB (3 Years)
3. LLM

Incharge : Dr. Aamir Abbas Haral

Mr. Shahid Sultan

Lecturer
LL.M
Specialization: International Law

Mr. Muhammad Waqas Sarwar

Lecturer
LL.M (UK)
Specialization: Constitutional & Commercial Law

Ms. Noreen Akhtar Butt

Lecturer
PhD Scholar
Specialization: Corporate Law

Mr. Babar Shaheen Haral

Research & Teaching Assistant
LL.M Scholar
Specialization: Criminal Law, Human Rights Law

**Scheme of Studies
LLB (5 Years)**

| Semester 1 | | |
|------------|--|--------|
| ENG-321 | Functional English | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| SOC-307 | Introduction to Sociology | 3(3-0) |
| ECO-408 | Issues in Pakistan Economy | 3(3-0) |
| LAW-301 | Introduction to Law | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| LAW-303 | Tolerance | 3(3-0) |
| Semester 2 | | |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| POL-301 | Principles of Political Science | 3(3-0) |
| LAW-302 | Legal System of Pakistan | 3(3-0) |
| HIS-404 | History (1857-till date) | 3(3-0) |
| LAW-304 | Law of Torts-I | 3(3-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| Semester 3 | | |
| ENG-422 | Technical Writing | 3(3-0) |
| LAW-401 | Islamic Jurisprudence-I | 3(3-0) |

| LAW-403 | Law of Torts-II | 3(3-0) |
|------------|---|--------|
| LAW-405 | Law of Contract-I | 3(3-0) |
| LAW-407 | Constitutional Law-I (UK) | 3(3-0) |
| PSY-422 | Introduction to Psychology | 3(3-0) |
| Semester 4 | | |
| LAW-402 | Human Rights Law | 3(3-0) |
| LAW-404 | Constitutional Law-II (USA) | 3(3-0) |
| LAW-406 | Islamic Jurisprudence II | 3(3-0) |
| LAW-408 | Jurisprudence-I | 3(3-0) |
| LAW-410 | Law of Contract-II | 3(3-0) |
| LAW-412 | Consumer Protection Laws | 3(3-0) |
| Semester 5 | | |
| LAW-501 | Jurisprudence-II | 3(3-0) |
| LAW-503 | Constitutional Development In Pakistan | 3(3-0) |
| LAW-505 | Islamic Personal Law-I | 3(3-0) |
| LAW-507 | Criminal Law-I | 3(3-0) |
| LAW-509 | Law of Property | 3(3-0) |
| LAW-511 | Environmental Laws | 3(3-0) |
| Semester 6 | | |
| LAW-502 | Introduction to Logic and Legal Reasoning | 3(3-0) |
| LAW-504 | Law of Business Organizations | 3(3-0) |
| LAW-506 | Islamic Personal Law-II | 3(3-0) |
| LAW-508 | Criminal Law-II | 3(3-0) |
| LAW-510 | Special and Local Laws | 3(3-0) |
| LAW-512 | Banking Laws | 3(3-0) |
| Semester 7 | | |
| LAW-601 | Public International Law-I | 3(3-0) |
| LAW-603 | Constitutional Law-II (Pakistan) | 3(3-0) |
| LAW-605 | Civil Procedure-I | 3(3-0) |
| LAW-607 | Criminal Procedure-I | 3(3-0) |
| LAW-609 | Law of Evidence-I | 3(3-0) |
| LAW-611 | Legal Drafting-I | 3(3-0) |
| Semester 8 | | |
| LAW-602 | Public International Law-II | 3(3-0) |
| LAW-604 | Equity and Specific Relief Act | 3(3-0) |
| LAW-606 | Civil Procedure-II | 3(3-0) |

| LAW-608 | Criminal Procedure-II | 3(3-0) |
|---|---|--------|
| LAW-610 | Law of Evidence-II | 3(3-0) |
| LAW-612 | Legal Drafting-II | 3(3-0) |
| Internship | | |
| After completion of 8th semester and before 10 semester (During Summer Vacations) | | |
| Semester 9 | | |
| LAW-651 | Research Methods | 3(3-0) |
| LAW-653 | Minor Acts | 3(3-0) |
| LAW-655 | Elective-I | 3(3-0) |
| LAW-657 | Elective-II | 3(3-0) |
| LAW-659 | Moot cases and Professional Ethics | 3(3-0) |
| LAW-661 | Labour Laws | 3(3-0) |
| Semester 10 | | |
| LAW-652 | Administrative Law | 3(3-0) |
| LAW-654 | Interpretation of Statutes and Legislative Drafting | 3(3-0) |
| LAW-656 | Elective-III | 3(3-0) |
| LAW-658 | Elective-IV | 3(3-0) |
| LAW-660 | Research Project | 3(3-0) |
| LAW-662 | Public Interest Litigation | 3(3-0) |

LLB (3 Years)

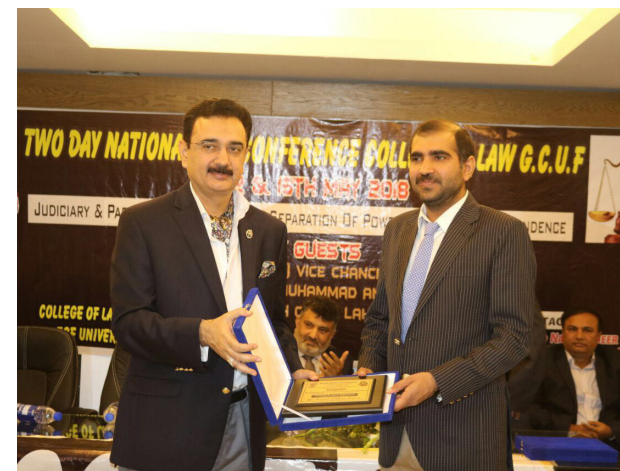
| Semester 1 | | |
|------------|--|--------|
| LAW-551 | Islamic Jurisprudence | 3(3-0) |
| LAW-553 | English Jurisprudence | 3(3-0) |
| LAW-555 | Constitutional History of Pakistan | 3(3-0) |
| ENG_421 | Communication Skills | 3(3-0) |
| LAW-557 | Sale of Goods Act | 2(2-0) |
| LAW-559 | Law of Equity | 3(3-0) |
| LAW-561 | Muslim Personal Law-I | 2(2-0) |
| Semester 2 | | |
| LAW-552 | Muslim Personal Law-II | 2(2-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| LAW-554 | Law of torts | 3(3-0) |
| LAW-556 | Constitutional Law of Pakistan | 3(3-0) |
| LAW-558 | Law of Contract | 3(3-0) |
| LAW-560 | General Clauses Act | 3(3-0) |



| Semester 3 | | |
|------------|--|--------|
| LAW-651 | Criminal Law-I | 3(3-0) |
| LAW-653 | Consumer Protection Law | 2(2-0) |
| LAW-655 | Banking Law | 2(2-0) |
| LAW-657 | Specific Relief Act | 3(3-0) |
| LAW-659 | Comparative study of Constitutional Law (UK & USA) | 3(3-0) |
| LAW-661 | Human Rights Law | 3(3-0) |
| LAW-663 | Partnership Law | 2(2-0) |
| Semester 4 | | |
| LAW-652 | Criminal Procedure-I | 3(3-0) |
| LAW-654 | Public International Law | 3(3-0) |
| LAW-656 | Special & Local Laws | 3(3-0) |
| LAW-658 | Environmental Law | 2(2-0) |
| LAW-660 | Taxation Law | 2(2-0) |
| LAW-662 | Minor Acts | 2(2-0) |
| LAW-664 | Criminal Law-II | 3(3-0) |
| Semester 5 | | |
| LAW-671 | Law of Evidence | 3(3-0) |
| LAW-673 | Legal Drafting & Pleading | 2(2-0) |
| LAW-675 | Interpretation of Statute | 2(2-0) |
| LAW-677 | Civil Procedure-I | 3(3-0) |
| LAW-679 | Criminal Procedure-II | 3(3-0) |
| LAW-685 | Cyber and Telecom Laws | 2(2-0) |
| LAW-687 | Labour Laws | 3(3-0) |
| LAW-689 | Legal Ethics | 2(2-0) |
| Semester 6 | | |
| LAW-672 | Law of Property | 3(3-0) |
| LAW-674 | Intellectual Property Laws | 2(2-0) |
| LAW-676 | Administrative Law | 3(3-0) |
| LAW-678 | Trial Advocacy (Civil & Criminal) | 2(2-0) |
| LAW-684 | Research Methodology | 2(2-0) |
| LAW-686 | Company Law | 3(3-0) |
| LAW-688 | Public Interest Law | 2(2-0) |
| LAW-690 | Civil Procedure-II | 3(3-0) |

LLM

| Compulsory Course | | |
|-------------------|--|--------|
| LAW-707 | Legal Research Methodology and Writing | 3(3-0) |
| Optional Courses | | |
| LAW-701 | Administrative Law | 3(3-0) |
| LAW-702 | Alternate Dispute Resolution | 3(3-0) |
| LAW-703 | International Law | 3(3-0) |
| LAW-704 | Intellectual Property Laws | 3(3-0) |
| LAW-705 | Banking Laws | 3(3-0) |
| LAW-706 | Criminology | 3(3-0) |
| LAW-708 | Law of Evidence | 3(3-0) |
| LAW-709 | Comparative Human Rights Law | 3(3-0) |
| LAW-710 | Commercial / Business Laws | 3(3-0) |
| LAW-711 | Constitutionalism and Constitutional Law | 3(3-0) |
| LAW-712 | Comparative Environmental Law | 3(3-0) |
| LAW-713 | Comparative Study of Islamic and Western Jurisprudence | 3(3-0) |
| LAW-714 | Legal History of Pakistan and India | 3(3-0) |
| LAW-715 | International Economic Law | 3(3-0) |
| LAW-716 | Company & Corporate Law | 3(3-0) |
| LAW-717 | International Trade Law | 3(3-0) |
| LAW-718 | Islamic Laws | 3(3-0) |
| LAW-719 | Labour Laws | 3(3-0) |
| LAW-720 | Law and Politics | 3(3-0) |
| LAW-721 | Law and Society in South Asia | 3(3-0) |
| LAW-722 | Law of International Institutions | 3(3-0) |
| LAW-723 | Law of Taxation | 3(3-0) |
| LAW-724 | Shipping Law | 3(3-0) |
| LAW-725 | Western Jurisprudence and Legal Theory | 3(3-0) |
| LAW-730 | Thesis | 6(0-6) |



Department of Library & Information Science

Phone: 041-9201563



Programs Offered:

MA Library and Information Science

Coordinator: Mr. Sakhawat Ali

History

Faisalabad is the third largest city of Pakistan. There was no general university in Faisalabad division since 2002. Government College University was established in 2002, and programme of Master of Library and information was approved in 2012 and admissions in MLIS were started in spring 2015, under the Distance Learning Education (DLE) Programme. Uptill now, two batches of MLIS students has completed their studies.

Introduction

The Department of Library & Information Science, Government College University, Faisalabad offers quality education to meet the needs of an emerging information and knowledge society in Pakistan. LIS has the services of MPhil qualified and experienced faculty.

As we all know that, this is the era of knowledge explosion, now e-resources have got equal importance along with the print sources. Therefore, syllabus has not only emphasis on how to manage the physical resources (books, journals, newspapers etc.), but also consists of methods and techniques enabling the students how to use e-resources.

Keeping in view all these developments, the nature of this discipline and the profession has also been changed. Now the discipline and the profession have the capacity to meet both the environments of print and electronic media.

As in modern era information is considered oxygen to the society, the dream of a prosperous and useful society cannot be achieved without an informed society. Economy of a country cannot grow without providing updated and latest information to the masses. We are endeavoring to produce information

managers who can acquire, manage, store and disseminate information to the target audience without limitations of time and space.

Faculty

Mr. Sakhawat Ali
Lecturer / Coordinator
MPhil

Ms. Shumaila Iram
Lecturer
MPhil

Mr. Muhammad Tariq Latif
Sr. Librarian
MPhil

Mr. Muhammad Ashfaq
Sr. Librarian
MLIS

Ms. Anila Shamim
Sr. Librarian
MLIS

MA Library and Information Science

| Semester 1 | | |
|------------|--|--------|
| LIS-551 | Foundations of Information Based Organizations | 3(3-0) |
| LIS-553 | Applied classification | 3(3-0) |
| LIS-555 | Information Services and Source | 3(3-0) |
| LIS-557 | Information Technology: Concepts and applications | 3(3-0) |
| LIS-559 | Management of Libraries and Information Centers | 3(3-0) |
| LIS-561 | Personality Development & Communication Skills | 3(3-0) |
| Semester 2 | | |
| LIS-552 | Online Information Retrieval | 3(3-0) |
| LIS-554 | Human Resource Management | 3(3-0) |
| LIS-556 | Bibliography: Theory & Practice | 3(3-0) |
| LIS-558 | Information Literacy Instruction | 3(3-0) |
| LIS-560 | Applied Cataloguing | 3(3-0) |
| LIS-562 | Collection Development and Management | 3(3-0) |
| Semester 3 | | |
| LIS-651 | Marketing of Library and Information Services | 3(3-0) |
| LIS-653 | Library Automation: Concepts and applications | 3(3-0) |
| LIS-655 | Research Methods in Library & Information Science | 3(3-0) |
| LIS-657 | Humanities, Social Sciences and Science & Technology Information sources | 3(3-0) |
| LIS-659 | Archives and records management | 3(3-0) |
| LIS-661 | Organization of Information | 3(3-0) |
| Semester 4 | | |
| LIS- | Elective-1 | 3(3-0) |
| LIS- | Elective-2 | 3(3-0) |
| LIS- | Elective-3 | 3(3-0) |
| LIS- | Elective-4 | 3(3-0) |
| LIS- | Elective-5 | 3(3-0) |
| LIS- | Elective-6 | 3(3-0) |
| LIS-680 | Elective-7 (Thesis) | 6(0-6) |
| * LIS-652 | Practicum | 0(0-0) |

List of elective courses

| | | |
|---------|---|--------|
| LIS-654 | Networking and Resource Sharing | 3(3-0) |
| LIS-656 | Digital Libraries | 3(3-0) |
| LIS-658 | Information Policy | 3(3-0) |
| LIS-660 | Knowledge Management | 3(3-0) |
| LIS-662 | Financial Management of Information Organizations | 3(3-0) |
| LIS-664 | Information Seeking and Use | 3(3-0) |
| LIS-666 | Project Management | 3(3-0) |
| LIS-668 | Advanced Cataloguing and Classification | 3(3-0) |
| LIS-670 | Indexing and Abstracting | 3(3-0) |
| LIS-672 | Preservation Management in Libraries and Archives | 3(3-0) |
| LIS-674 | Electronic resources Management | 3(3-0) |
| LIS-676 | Serials Management | 3(3-0) |
| LIS-680 | Thesis | 6(0-6) |

* Students who will opt thesis can select any four courses from the above mentioned list, whereas, students who opt without thesis will select any six courses. Two months internship is compulsory for all students for the award of degree. However it bears no credit hours.



Department of Mass Communication

Phone: 041-9201415

Email: masscom@gcuf.edu.pk



MASS COMMUNICATION

Programs Offered

1. BS Mass Communication
2. MA Mass Communication
3. MS Mass Communication

Coordinator: Dr. Salma Umer



Vision

To prepare students for successful media professionals and specialists for media-related careers. The department seeks to inculcate the values of truth, objectivity and impartiality among the students so that they may perform their roles as disseminators of knowledge and makers of opinion without any bias and prejudice.

Mission

To promote healthy and positive approach towards the better understanding of information, knowledge and opinion building.

Introduction

Communication and media studies have gained vital importance in this age of science and information technology. A nation cannot safeguard its domestic and foreign interests, and get its due status in the globe without using its communication channels effectively. Advancement in information technology has made the world a global village. So, it is the need of the hour to give special focus on mass media education. Although Mass Communication is an emerging discipline, yet, it has got paramount importance in recent times. Media is playing a vital role in promoting different ideologies both in the domestic arena and around the globe. It is a reality, that a plenty of factors influence the production and consumption of the message for effective communication. The productions of media contents have to pass through different phases. Therefore, in-depth

understanding of covert and overt pressures on the production of the media contents is indispensable for the students of Mass Communication. Public Relations, Communication Strategy, Advertising Campaign, Media Policy, Image Building and Public Opinion Formation are the basic tools of communication in media studies. The department has an excellent academic environment. All the faculty members are experienced and qualified. Students are also being benefited from the expertise of media educators and known professionals. All University facilities; transport, hostel residence, main library membership, study, excursion tours and sports facilities are available for the students.

Vision of Department of Mass Communication is to be a leader in Pakistan by providing communication excellence in visual, verbal and written competencies for the 21st century. Shortly, a print production house, a broadcasting house and TV studio will be set to impart practical skills to the working journalists and students alike. After the completion of their courses, students will be able to become professionals in public relations, advertising agencies, print and electronic media, as reporters, editors, anchors persons, radio producers, TV producers, media managers, public relation officers, publicity officers and copy writers.



Faculty

Dr. Salma Uंबर

Assistant Professor PhD (PU) / Coordinator
Specialization: Media and Conflict resolution, International Communication

Dr. Irem Sultana

Assistant Professor
PhD (Pak)
Specialization: Print media, Research methodology, Health communication

Dr. Ashraf Iqbal

Assistant Professor
PhD (Pak)
Specialization: Theory and Research, International Communication, Media and Foreign Policy.

Mr. Imran Muslim

Lecturer
PhD Scholar (Pak)
Specialization: Political Communication

Ms. Sobia Shahzad

Lecturer (On Study Leave)
PhD Scholar (Malaysia), On Stude Leave
Specialization: Advertising & Public Relations, New Media, Mass Communication Theories

Mr. Sarfraz Ahmad

Lecturer (On Study Leave)
MPhil Scholar (USA), On Study Leave
Specialization: National & international Affairs, Theory and Research

Mr. Rehan Tariq

Lecturer
MPhil (PU)
Specialization: Political Communication, Theories of Communication, South Asian Media

Ms. Fakhta Zeib

Lecturer (On Study Leave)
PhD Scholar (Germany), On study leave
Specialization: International Communication, NewMedia, Theory and Research

Ms. Sana Haroon

Lecturer
PhD Scholar (PU)
Specialization: TV Production, Media Theories

Mr. Majid Hamid Nasir

Lecturer
MPhil (UOS)
Specialization: Research Methods in Mass Communication

Ms. Noshaba Nargis

Lecturer
MPhil (AIU).
Specialization: TV Production, Public Relations, Opinion Writing

Mr. Ahmad Zuhair Khan

Lecturer
MPhil (NDU),
Specialization: Print Media, Communication Theories

Scheme of Studies BS Mass Communication

| Semester 1 | | |
|------------|--|--------|
| ENG-321 | Functional English | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| MCM-301 | Introduction to Communication | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| POL-301 | Introduction to Political Science | 3(3-0) |
| MCM-303 | News Writing & Reporting | 3(3-0) |
| Semester 2 | | |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| MCM-302 | Mass Media in Pakistan | 3(3-0) |
| MCM-304 | Statistics Cum Mathematics | 3(3-0) |
| MCM-306 | Mass Media & Tolerance | 3(3-0) |
| MCM-308 | Sub Editing & Page Designing (T&P) | 3(3-0) |
| Semester 3 | | |
| ENG-421 | Communication Skills | 3(3-0) |
| URD-419 | Functional Urdu | 3(3-0) |
| MCM-305 | National & International Affairs | 3(3-0) |

| MCM-307 | Introduction to Public Relations | 3(3-0) |
|--|---|--------|
| MCM-309 | Introduction to Broadcast & Visual Media | 3(3-0) |
| MCM-311 | Basic Concepts in Social Sciences | 3(3-0) |
| Semester 4 | | |
| ENG-422 | Technical Writing | 3(3-0) |
| MCM-310 | Contemporary World Media | 3(3-0) |
| MCM-312 | Feature, Column & Editorial Writing (T&P) | 3(2-1) |
| MCM-314 | Advertising: Theory & Practice | 3(2-1) |
| MCM-316 | Introduction to Video & Photography | 3(3-0) |
| Semester 5 | | |
| MCM-313 | Research Methods-I | 3(3-0) |
| MCM-315 | International communication | 3(3-0) |
| MCM-317 | Online Journalism | 3(3-0) |
| MCM-319 | Media Seminar | 3(2-1) |
| MCM-321 | Theories of Communication-I | 3(3-0) |
| Semester 6 | | |
| MCM-318 | Media Society & Culture | 3(3-0) |
| MCM-320 | Development Communication | 3(3-0) |
| MCM-322 | Research Methods-II | 3(3-0) |
| MCM-324 | Writing Workshop | 3(3-0) |
| MCM-326 | Theories of Communication-II | 3(3-0) |
| Compulsory Papers | | |
| MCM-323 | Statistic for Social Sciences | 3(3-0) |
| MCM-325 | Media Psychology | 3(3-0) |
| MCM-327 | Media Ethics & Laws | 3(3-0) |
| One group of specialization from the following | | |
| 1. Print Media | | |
| MCM-329 | Advanced Reporting | 3(3-0) |
| MCM-331 | Newspaper Production | 3(3-0) |
| 2. Broadcast Media | | |
| MCM-333 | Radio News Reporting & Production | 3(3-0) |
| MCM-335 | TV News Reporting & Production | 3(3-0) |
| 3. Advertising & Public Relations | | |
| MCM-337 | Advertising-I | 3(3-0) |
| MCM-339 | Public Relations-I | 3(3-0) |
| 4. Organizational Communication | | |
| MCM-341 | Organizations & Organizational Behavior | 3(3-0) |

| | | |
|--|--|--------|
| MCM-343 | Business & Marketing Communication | 3(3-0) |
| Semester 8 | | |
| Compulsory Subjects | | |
| MCM-328 | Research Report | 3(3-0) |
| MCM-330 | Media Management & Marketing | 3(3-0) |
| MCM-332 | Specialized Journalism | 3(3-0) |
| MCM-334 | Internship | 3(0-3) |
| Specialization (one group of the specialization from the following) | | |
| 1. Print Media | | |
| MCM-336 | Advanced Sub-editing | 3(3-0) |
| MCM-338 | Magazine & Book Production | 3(3-0) |
| 2. Broadcast Media | | |
| MCM-340 | Radio Program Production | 3(3-0) |
| MCM-342 | TV Program Production | 3(3-0) |
| 3. Advertising & PR | | |
| MCM-344 | Advertising-II | 3(3-0) |
| MCM-346 | Public Relations-II | 3(3-0) |
| 4. Organizational Communication | | |
| MCM-348 | Business Writings (Practical Exercise) | 3(3-0) |
| MCM-350 | Managerial Communication | 3(3-0) |

MA Mass Communication

| | | |
|-------------------|---|--------|
| Semester 1 | | |
| MCM-551 | News Gathering Techniques (T&P) | 3(3-0) |
| MCM-553 | Introduction to Mass Communication | 3(3-0) |
| MCM-555 | Media History | 3(3-0) |
| MCM-557 | National\International Affairs and Globalization of Media | 3(3-0) |
| ENG-559 | Language and Communication Skills | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| Semester 2 | | |
| MCM-552 | Basic Concepts in Social Sciences | 3(3-0) |
| MCM-554 | Sub Editing & Page Designing (T&P) | 3(3-0) |
| MCM-556 | Research Methods in Mass Communication | 3(3-0) |
| MCM-558 | Communication Theories | 3(3-0) |
| MCM-560 | Opinion Writing | 3(3-0) |
| MCM-562 | Mass Media & Tolerance | 3(3-0) |
| Semester 3 | | |

Only those students who will be able to maintain their CGPA 3.4 at the end of the 2nd semester would be eligible to opt the thesis while all other students in lieu of thesis would take any one of the following optional courses along with the Project in the 4th semester.

| | | |
|-------------------------|---|--------|
| MCM-559 | Advertising Theory & Practice | 3(3-0) |
| MCM-561 | Public Relations Theory & Practice | 3(3-0) |
| MCM-563 | Radio Journalism | 3(3-0) |
| MCM-565 | Media Laws & Ethics | 3(3-0) |
| MCM-567 | Statistics for Social Sciences Research | 3(3-0) |
| MCM-569 | Magazine Journalism | 3(3-0) |
| Semester 4 | | |
| MCM-564 | TV Journalism | 3(3-0) |
| MCM-566 | Media Management & Marketing | 3(3-0) |
| MCM-568 | Development Support communication | 3(3-0) |
| MCM-680 | Thesis | 6(0-6) |
| MCM-681 | Project | 3(0-3) |
| MCM-682 | Internship | 3(0-3) |
| Optional Courses | | |
| MCM-570 | Health Communication/ Advocacy Campaign | 3(2-1) |
| MCM-572 | Media Psychology | 3(3-0) |
| MCM-574 | Media Society & Culture | 3(3-0) |
| MCM-576 | Political communication | 3(3-0) |

MS Mass Communication

| | | |
|--------------------------------------|--|--------|
| MCM-701 | Communication Theories-1 | 3(3-0) |
| MCM -702 | Research Methods-1 | 3(3-0) |
| MCM -703 | Pakistani Media: Issues and Challenges | 3(3-0) |
| MCM -704 | Media, Culture and Society | 3(3-0) |
| MCM -705 | Communication Theories-2 | 3(3-0) |
| MCM -706 | Research Methods-2 | 3(3-0) |
| MCM -707 | International Communication | 3(3-0) |
| MCM -708 | Proposal Writing | 3(3-0) |
| Mandatory Requirements for MS | | |
| MCM-728 | Seminar (General) | 1(0-1) |
| MCM-729 | Seminar (Research) | 1(0-1) |
| MCM-730 | Thesis | 6(0-6) |



Department of Political Science & International Relations

Phone: 041-9201211
Email: political.science@gcuf.edu.pk



Vision

To committed for excellence in teaching, scholarship and mentoring. By offering a distinctive program that includes opportunities for independent research, experiential learning and off-campus study, the Department promotes scholarship in the political science discipline, civic participation and leadership.

Mission

To promote scholarship, leadership and responsible citizenship among students at Government College University, Faisalabad. The Department provides a solid liberal arts curriculum that exposes students to the principal subfields of the discipline and develops transferable skills of liberal learning. Actively involved in research, teaching and applied scholarship, the political science faculty serves as mentors to students seeking academic challenge and civic involvement.

Introduction

Great emphasis is being laid on Political Science as an academic discipline since 20th century. In the wake of globalization, free-trade and increasing influence of supra-state institutions world over, Political Science has gained all the attributes of dominating the world-scene in the 21st Century. The Department of Political Science & International Relations deals in the area of study which encompasses the global as well as domestic affairs. It examines some of the critical issues of modern times, including the changing nature of international cooperation and conflict,

the new character of warfare, the impact of globalization upon states and societies and the persistence of world problems such as poverty, migration and drug trafficking. The roles of state and non-state actors in shaping world politics in the new millennium are central to the study of Political Science, as is an understanding of how different visions of world order affect the prospects for peace and security. In the era of globalization and regionalism, national survival is now premised on international orientation for which the nations strive not only to equip themselves with modern technologies in all fields but also with competencies in the management of trans-national relations. To achieve this objective and to build future national leaders who are capable of playing effective roles in government, political institutions and international organizations the Department has designed broad based Programs in Political Science & International Relations. The main objective is to provide the students with an education that develops an understanding of the national and international community socio-political and economic spheres. The department of Political Science and International Relations has successfully launched the programmes of PhD in Political Science, MS in Political Science, MS in International Relations, BS Political Science, BS (H) in Politics and Parliamentary Studies and BS International Relations. In the near future, the department aims at introducing PhD in International Relations.

Programs Offered

1. BS Political Science
2. BS Politics & Parliamentary Studies
3. BS International Relations
4. MA Political Science
5. MA International Relations
6. MS Political Science
7. MS International Relations
8. PhD Political Science

Chairman: Prof. Dr. Mughees Ahmed

Faculty

Prof. Dr. Mughees Ahmed

Chairman / Professor

PhD BZU, Multan

Specialization: Comparative politics, Biradari Politics, Political Systems, Voting Behavior

Dr. Ghulam Mustafa

Assistant Professor (HEC approved supervisor)

PhD Hanyang University South Korea

Specialization: Inter-Korean relations, Pak-Bangladesh relations, conflict and peace studies

Dr. Ali Shan Shah

Assistant Professor

PhD BZU, Multan

Specialization: Interest Groups, Pressure Groups, Local Self-Government

Dr. Abdul Basit Khan

Assistant Professor (OPS)

PhD BZU, Multan

Specialization: Conflict issues, Ethnicity

Dr. Mian Muhammad Azhar

Assistant Professor (TTS)

PhD BZU, Multan

Specialization : Electoral Politics, Voting Behaviour, Dynamics of Politics in Pakistan

Miss. Raheela Asfa Cheema

Lecturer(on study Leave)

MPhil Quaid-i-Azam University

Specialization: International Relations, Security Studies, Arms Control, Small Arms and Light Weapons

Mr. Adnan Nawaz

Lecturer (Study Leave)

MPhil Punjab University, Lahore

Specialization: Globalization, foreign policy, security studies

Mr. Imran Wakil

Lecturer

MPhil University of Sargodha

Specialization: International Law, Sovereignty, State & politics

Mr. Bilal Bin Liaqat

Lecturer

MPhil (QAU)

Specialization: International Relations, Pak-China Relations, Foreign Policy, International Security, International Organizations

Miss. Sadia Naz

Lecturer

MPhil BZU, Multan

Specialization: Political System, Western Political Thoughts

Mr. Anwar Ali

Lecturer

MPhil (GCUF)

Specialization: Energy security, Energy politics, Middle east politics

Scheme of Studies

BS Political Science

| Semester 1 | | |
|------------|--|--------|
| ENG-321 | Functional English | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| POL-301 | Introduction to Political Science | 3(3-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| PPS-301 | Introduction to Parliamentary Studies | 3(3-0) |
| GEO-321 | Introduction to Geography | 3(3-0) |
| Semester 2 | | |
| ENG-322 | English Comprehensive & Composition | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| POL-302 | Principles of Political Science | 3(3-0) |
| MTH-322 | Introduction to Calculus | 3(3-0) |
| POL-304 | Gender and Human Rights | 3(3-0) |
| POL-310 | Political Tolerance | 3(3-0) |
| Semester 3 | | |
| ENG-421 | Communication Skills | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| POL-401 | Political Systems (Developed) | 4(4-0) |
| ECO-421 | Development Economics | 3(3-0) |
| ENV-301 | Introduction to Environment | 3(3-0) |
| Semester 4 | | |
| ENG-422 | Technical Writing | 3(3-0) |

| POL-402 | Political Systems (Developing) | 4(4-0) |
|------------|---|--------|
| POL-404 | Pakistan Movement | 4(4-0) |
| POL-406 | Introduction to International Relations | 3(3-0) |
| PSY-422 | Introduction to Psychology | 3(3-0) |
| Semester 5 | | |
| POL-501 | Western Political Philosophy-I | 4(4-0) |
| POL-503 | Muslim Political Philosophy-I | 3(3-0) |
| POL-505 | Comparative and Developmental Politics-I | 4(4-0) |
| POL-507 | Political Ideologies | 3(3-0) |
| POL-509 | Public Administration | 4(4-0) |
| Semester 6 | | |
| POL-502 | Western Political Philosophy-II | 4(4-0) |
| POL-504 | Muslim Political Philosophy-II | 3(3-0) |
| POL-506 | Comparative and Developmental Politics-II | 3(3-0) |
| POL-508 | History of International Relations | 4(4-0) |
| POL-510 | Introduction to Local Government | 3(3-0) |
| Semester 7 | | |
| POL-601 | Methods of Study and Research | 4(4-0) |
| POL-603 | Foreign Policy Analysis | 3(3-0) |
| POL-605 | Public International Law-I | 3(3-0) |
| POL-607 | Diplomacy | 3(3-0) |
| POL-609 | Foreign Policies of UK, USA | 3(3-0) |
| Semester 8 | | |
| POL-602 | Public International Law-II | 3(3-0) |
| POL-604 | International Organizations | 3(3-0) |
| POL-606 | Political Economy | 3(3-0) |
| POL-608 | Local Government in Pakistan | 3(3-0) |
| POL-631 | project | 3(0-3) |

BS Politics & Parliamentary Studies

| Semester 1 | | |
|------------|---------------------------------------|--------|
| ENG-321 | Functional English | 3(3-0) |
| PPS-301 | Introduction to Parliamentary Studies | 3(3-0) |
| POL-301 | Introduction to Political Science | 3(3-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |



| | | |
|-------------------|---|--------|
| COM-301 | Principles of Accounting | 3(3-0) |
| Semester 2 | | |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| PPS-302 | Role of Legislature in non-democratic regimes | 3(3-0) |
| PPS-304 | Principles of Management and Leadership | 3(3-0) |
| PPS-306 | Constitutional Development in Pakistan | 3(3-0) |
| PPS-308 | Budget Security at the Parliament | 3(3-0) |
| Semester 3 | | |
| PPS-405 | Parliamentary Committees | 3(3-0) |
| CSI-321 | Introduction to Computing Application | 3(2-1) |
| PPS-401 | Comparative Political Systems UK/USA/France | 3(3-0) |
| ECO-321 | Introduction to Economics | 3(3-0) |
| PPS-403 | The Pakistan State Federalism and State Institutions | 3(3-0) |
| ENG-421 | Communication Skills | 3(3-0) |
| Semester 4 | | |
| PPS-410 | Evolution of Parliamentary Democracy | 3(3-0) |
| PPS-402 | Comparative Political Systems India, China, Turkey | 3(3-0) |
| PPS-408 | Legislation for Social Change | 3(3-0) |
| PPS-406 | Contemporary International Relations | 3(3-0) |
| PSY-422 | Introduction to psychology | 3(3-0) |
| Semester 5 | | |
| PPS-501 | Introduction to Western Political Thought | 3(3-0) |
| PPS-503 | Muslim Political Thought | 3(3-0) |
| PPS-505 | Parliamentary History Of Pakistan | 3(3-0) |
| PPS-507 | Parliamentary Authority and Functions | 3(3-0) |
| PPS-509 | Election and Voting Behaviors | 3(3-0) |
| Semester 6 | | |
| PPS-502 | Structure and Functions of Parliament | 3(3-0) |
| PPS-504 | Parliamentary Ethics and Values | 3(3-0) |
| PPS-506 | Comparative Politics | 3(3-0) |
| PPS-508 | Issues in International Relation: Terrorism, Environment, Drug Trafficking, Ethnicity | 3(3-0) |
| PPS-510 | Local Governments in Pakistan | 3(3-0) |
| PPS-512 | Provincial and Legislative Assemblies of Pakistan | 3(3-0) |
| Semester 7 | | |

| | | |
|-------------------|---|--------|
| PPS-601 | Research Methods and Skills | 3(3-0) |
| PPS-608 | International Parliamentary Organizations | 3(3-0) |
| PPS-605 | Federalism and Regionalism | 3(3-0) |
| PPS-607 | Introduction to Legislative Process | 3(3-0) |
| PPS-609 | Foreign Policies of Major Powers: USA, China and Russia | 3(3-0) |
| Semester 8 | | |
| PPS-602 | Foreign Policy of Pakistan | 3(3-0) |
| PPS-604 | International and Regional Organizations | 3(3-0) |
| PPS-606 | Negotiation Skills and Conflict Management | 3(3-0) |
| PPS-608 | Principles of Parliamentary Research | 3(3-0) |
| PPS-631 | Project | 3(0-3) |

BS International Relations

| | | |
|-------------------|--|--------|
| Semester 1 | | |
| ENG-321 | Functional English | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| GEO-321 | Introduction to Geography | 3(3-0) |
| POL-301 | Introduction to Political Science | 3(3-0) |
| IRS-301 | Principles of International Relations | 3(3-0) |
| Semester 2 | | |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| STA-301 | Introduction to Statistics | 4(3-1) |
| POL-310 | Political Tolerance | 3(3-0) |
| POL-312 | Political Thought | 3(3-0) |
| IRS-302 | Approaches And Theories of International Relations | 3(3-0) |
| Semester 3 | | |
| ENG-421 | Communication Skills | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| POL-313 | Political History of Pakistan: 1947 to Present | 3(3-0) |
| SOC-307 | Introduction to Sociology | 3(3-0) |
| IRS-401 | Globalization And International Relations | 3(3-0) |
| Semester 4 | | |
| ENG-422 | Technical Writing | 3(3-0) |

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|-------------------|--|--------|
| POL-314 | Constitutional Developmental in Pakistan | 3(3-0) |
| BPA-301 | Introduction to Public Administration | 3(3-0) |
| IRS-404 | International Relations: 1648-1945 | 3(3-0) |
| PPS-301 | Introduction to Parliamentary Studies | 3(3-0) |
| Semester 5 | | |
| IRS-501 | International Relations: 1945-2000 | 3(3-0) |
| IRS-503 | Public International Law-I | 3(3-0) |
| IRS-505 | Regional And International Organizations | 3(3-0) |
| IRS-507 | Foreign Policy Analysis | 3(3-0) |
| IRS-509 | International Political Economy | 3(3-0) |
| IRS-511 | Peace Studies | 3(3-0) |
| Semester 6 | | |
| IRS-502 | Research methodology | 3(3-0) |
| IRS-504 | Public International Law-II | 3(3-0) |
| IRS-506 | Foreign Policy of Pakistan | 3(3-0) |
| IRS-508 | Defence And Strategic Studies | 3(3-0) |
| IRS-510 | Diplomacy | 3(3-0) |
| IRS-512 | Conflict Management And Resolution | 3(3-0) |
| Semester 7 | | |
| IRS-601 | Comparative And Developmental Politics | 3(3-0) |
| IRS-603 | Comparative Foreign Policy of Major Powers (US, Russia, China) | 3(3-0) |
| IRS-605 | International Relations in The New Millennium | 3(3-0) |
| IRS-607 | Comparative Political Systems of UK And USA | 3(3-0) |
| IRS-609 | Politics of Pakistan | 3(3-0) |
| IRS-611 | South Asia | 3(3-0) |
| Semester 8 | | |
| IRS-602 | Human Rights in International Relations | 3(3-0) |
| IRS-604 | Arms Control And Disarmament | 3(3-0) |
| IRS-606 | Contemporary Political Ideologies | 3(3-0) |
| IRS-608 | Major Issues in International Relations | 3(3-0) |
| IRS-631 | Research Report | 3(0-3) |

MA Political Science

| Semester 1 | | |
|---|--|--------|
| POL-551 | Ideology and Dynamics of Politics in Pakistan | 3(3-0) |
| POL-553 | Western Political Thought - I | 3(3-0) |
| POL-555 | Theory Comparative and Developmental Politics –I | 3(3-0) |
| POL 557 | Introduction to International Relations | 3(3-0) |
| POL-561 | Political Parties & Pressure Groups | 3(3-0) |
| Semester 2 | | |
| POL-552 | Western Political thought-II | 3(3-0) |
| POL-554 | Muslim Political Thought | 3(3-0) |
| POL-556 | Theory Comparative and Developmental Politics –I | 3(3-0) |
| POL-562 | Conflict & Peace Studies | 3(3-0) |
| POL 558 | Research Methodology | 3(3-0) |
| Semester 3 | | |
| POL-651 | Political System of USA and UK | 3(3-0) |
| POL-653 | The Muslim World: Dynamics and Issues | 3(3-0) |
| POL-655 | Foreign Policy of Major Powers | 3(3-0) |
| POL-657 | Political Economy | 3(3-0) |
| Optional Subjects | | |
| POL-659 | International Law | 3(3-0) |
| POL-661 | Public Administration | 3(3-0) |
| Semester 4 | | |
| POL-652 | Political Sociology | 3(3-0) |
| POL-654 | International Organization | 3(3-0) |
| Optional Subjects (Any Four of the Following) | | |
| POL 658 | Local Self Government | 3(3-0) |
| POL 660 | Defense and Strategic studies | 3(3-0) |
| POL 662 | Central Asia and its Politics | 3(3-0) |
| POL 664 | South Asian Political system | 3(3-0) |
| POL 680 | Research Thesis (Optional) | 6(0-6) |

MA International Relations

| Semester 1 | | |
|--|--|--------|
| IRS-551 | Introduction and Issues of International Relations - I | 4(4-0) |
| IRS-553 | International Relations since 1945 - I | 3(3-0) |
| IRS-555 | Theories of International Relations | 4(4-0) |
| IRS-557 | Foreign Policy Analysis | 4(4-0) |
| IRS-559 | International law | 3(3-0) |
| Semester 2 | | |
| IRS-552 | International Regional Organizations | 3(3-0) |
| IRS-554 | Foreign Policy of Pakistan | 4(4-0) |
| IRS-556 | International Political Economy | 4(4-0) |
| IRS-558 | Introduction and Issues of International Relations - II | 4(4-0) |
| IRS-560 | International Relations since 1945 - II | 3(3-0) |
| Semester 3 | | |
| IRS-651 | Research Methodology (Compulsory) | 3(3-0) |
| IRS-653 | Conflict Management and Resolution (Compulsory) | 3(3-0) |
| IRS-655 | Theory and Practice of Diplomacy (Compulsory) | 3(3-0) |
| OPTIONAL SUBJECTS (Two from the following) | | |
| IRS-657 | Foreign Policy of Neighboring Countries (China, India, Afghanistan & Iran) | 3(3-0) |
| IRS-659 | Defense and Strategic Studies (Optional) | 3(3-0) |
| IRS-661 | Terrorism and Counter Terrorism (Optional) | 3(3-0) |
| IRS-677 | Seminar Course on contemporary issue (Optional) | 3(3-0) |
| Semester 4 | | |
| IRS-652 | Nuclear Proliferation (Compulsory) | 3(3-0) |
| IRS-654 | Foreign Policy of Major Powers (U.S.A, China, Russia) (Compulsory) | 3(3-0) |
| Optional Papers (Three from the following) | | |
| IRS-656 | Strategic Dynamics of Central Asia (Optional) | 3(3-0) |
| IRS-658 | Contemporary Issues of Middle East (Optional) | 3(3-0) |
| IRS-660 | Political Geography (Optional) | 3(3-0) |
| IRS-678 | Seminar Course New Paradigm in International Security (Optional) | 3(3-0) |
| IRS-679 | Seminar Course War & Conduct of War (Optional) | 3(3-0) |
| IRS-680 | Research Project / Thesis (Optional) | 6(0-6) |

MS / PhD Political Science

| | | |
|----------|--|--------|
| POL -701 | Research Methodology | 3(3-0) |
| POL-702 | Comparative And Developmental Political Theory | 3(3-0) |
| POL-703 | Politics, State And Society Dialectics In Pakistan (Issue Oriented Course) | 3(3-0) |
| POL-704 | International Relations | 3(3-0) |
| POL-705 | Political Sociology | 3(3-0) |
| POL-706 | Economic Development | 3(3-0) |
| POL-707 | Devolution Of Power And Good Governance (Emphasis On Pakistan) | 3(3-0) |
| POL-708 | Strategic Policies Of Great Powers (USA, Russia, China) | 3(3-0) |
| POL-709 | Major Issues In Global Politics | 3(3-0) |
| POL-710 | Strategic Issues And Defence Policy of Pakistan | 3(3-0) |
| POL-711 | International And Regional Organizations And Contemporary World | 3(3-0) |
| POL-712 | Political Dynamics Of The Muslim World | 3(3-0) |
| POL-713 | Policy Analysis | 3(3-0) |
| POL-714 | Advanced Research Methods | 3(3-0) |
| POL-715 | Political Ideologies | 3(3-0) |
| POL-716 | Regionalism and New World Order | 3(3-0) |
| POL-717 | Foreign Policy Analysis | 3(3-0) |
| POL-718 | Theories of International Relations | 3(3-0) |
| POL-719 | Dynamics of Pakistan Politics | 3(3-0) |
| POL-720 | Conflict Management in South Asia | 3(3-0) |
| POL-721 | International Political Economy | 3(3-0) |
| POL-722 | International terrorism and Pakistan quest for peace | 3(3-0) |
| POL-723 | International Organizations (UNO, OIC, SAARC, EU, ECO) | 3(3-0) |
| POL-724 | Local Self-government | 3(3-0) |
| POL-725 | Contemporary political systems (Iran, Pakistan, India, China and Russia) | 3(3-0) |
| POL-726 | Muslim Political Philosophy | 3(3-0) |
| POL-732 | Comparative study of Western Political Thoughts | 3(3-0) |
| POL-733 | Politics of Federalism in Pakistan | 3(3-0) |
| POL-734 | Arms Control and Disarmament | 3(3-0) |
| POL-735 | Democracy and Authoritarianism in South Asia | 3(3-0) |



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|---------------------------------------|---|--------|
| POL-736 | Issues in South Asian region | 3(3-0) |
| POL-737 | Contemporary Issues in International Politics | 3(3-0) |
| POL-738 | Politics & Parliamentary Studies | 3(3-0) |
| Mandatory Requirements for MS | | |
| POL-728 | Seminar (General) | 1(0-1) |
| POL-729 | Seminar (Research) | 1(0-1) |
| POL-730 | Thesis | 6(0-6) |
| Mandatory Requirements for PhD | | |
| POL-758 | Seminar (General) | 1(0-1) |
| POL-759 | Seminar (Research) | 1(0-1) |
| POL-760 | Thesis | --- |

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|--------------------------------------|-------------------------------------|--------|
| IRS-721 | Power Sharing in Multiethnic States | 3(3-0) |
| IRS-722 | Politics of Human Rights | 3(3-0) |
| IRS-723 | Contemporary Political Theories | 3(3-0) |
| Mandatory Requirements for MS | | |
| IRS-728 | Seminar (General) | 1(0-1) |
| IRS-729 | Seminar (Research) | 1(0-1) |
| IRS-730 | Thesis | 6(0-6) |



MS International Relations

| | | |
|---------|---|--------|
| IRS-701 | International Relations Advance Theory and Practice | 4(4-0) |
| IRS-702 | Advanced Research Methodology | 4(4-0) |
| IRS-703 | Seminar on Contemporary Regional and Global Issues | 4(4-0) |
| IRS-704 | Foreign Policy Analysis | 3(3-0) |
| IRS-705 | An Analysis of Pakistan's Foreign Policy | 3(3-0) |
| IRS-706 | Politics of South Asia | 3(3-0) |
| IRS-707 | Ethnic Conflict in Global Perspective | 3(3-0) |
| IRS-708 | International Organizations | 3(3-0) |
| IRS-709 | Internal Law and Use of Force | 3(3-0) |
| IRS-710 | Arms Control and International Security | 3(3-0) |
| IRS-711 | Politics of Middle East | 3(3-0) |
| IRS-712 | Contemporary Trends in International Law | 3(3-0) |
| IRS-713 | Comparative Analyses of Foreign Policy of Major Powers (any two) | 3(3-0) |
| IRS-714 | Role of International Financial Institutions in International Relations | 3(3-0) |
| IRS-715 | Politics and Security of Asia-Pacific Region | 3(3-0) |
| IRS-716 | National Security Issues in Contemporary Pakistan | 3(3-0) |
| IRS-717 | Contemporary Environmental Issues | 3(3-0) |
| IRS-718 | Major Issues of Muslim World | 3(3-0) |
| IRS-719 | Conflict and Cooperation in South Asia | 3(3-0) |
| IRS-720 | Peace Building in Post-conflict Societies | 3(3-0) |



Department of Sociology

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batoolazam@hotmail.com



Mission

To provide sociological knowledge to the students, which is relevant to their practical life. This is being achieved by imparting knowledge and skills to young sociologists-social engineers and social workers. Moreover, efforts are made to discover the broad pattern of interaction of social life that influences the social behavior. This is further strengthened by carrying out research on socio-economic, cultural, social, demographic, environmental and political problems of Pakistani Society.

Introduction

Sociological knowledge is applicable in every field, in every day personal interactional situation and in all aspects of life. Sociology is the scientific study of the human relationships and their consequences. It is committed to provide research skills to students that can be integrated usefully with relevant practical experience. Sociologist seeks to discover the broad patterns of interaction of social life that influences social behaviors. We provide students with a coherent introduction to core themes and issues of the discipline in a stimulating environment. Moreover, we offer graduate and post graduate level education in social sciences with a strong emphasis on communicative process and technologies within institutional settings, drawing on the active research interest of faculty and students. We also offer education in social sciences within an interdisciplinary context which highlights the continuities and differences among a number of scientifically social prospective. Training in a range of methodologies and research skills appropriate to these disciplines provides rigorous foundation for this distinctive

feature. In addition, internship opportunity with international and national organizations working in the field of social development is provided to the students in order to blend the academic knowledge with practical skills.

This department was established in 2005 at Government College University Faisalabad. The faculty of the Department includes highly qualified and experienced teachers who have a track record of academic and research experience and relevant field experience in national or international organizations.

In addition, short certificate courses on different social development aspects like Poverty Alleviation, Gender and Development, Human Development and Sociology, Communication and Presentation Skills, Community Management Skills, Urban Transportation Management, Urban Renewal, Participatory Relax/Rapid Approach (PAR), Project Planning and Logical Framework, Population Studies, and Social Problems of Pakistan etc. are being planned to be launched very soon.

Faculty

Dr. Zahira Batool

Associate Professor / Chairperson
PhD (UAF), Post Doc (UC-Australia)

Prof. Dr. Haq Nawaz Anwar

Professor
PhD (UAF)

Programs Offered

1. BS Sociology
2. MSc Sociology
3. MA Social Work
4. MSc Criminology
5. MPhil Sociology
6. PhD Sociology
7. Post Graduate Diploma

Chairperson: Dr. Zahira Batool

**Dr. Babak Mahmood**

Associate Professor
PhD (UAF)

Dr Muhammad Farooq

Associate Professor
PhD (UAF)

Dr. FalakSher

Assistant Professor
PhD (GCUF)

Dr. Muhammad Shabbir Ch.

Assistant Professor / Coordinator DLE SOC
PhD (UOP)

Dr. Nazia Malik

Assistant Professor
PhD (UAF)

Dr. Ayesha Ch.

Assistant Professor
PhD (UAF)

Dr. Sadaf Mahmood

Assistant Professor (OPS)
PhD (Germany)

Ms. Saira Siddiqui

Lecturer
MPhil (PU, Lahore)

Mr. Sajid Mehmood Sajid

Lecturer
MPhil (PU, Lahore)

Ms. Sana Ejaz

Lecturer (on Study Leave)
MPhil (PU, Lahore)

Mr. Basharat Ali

Lecturer
MPhil (UAF)

Ms. Paris Zaka Ullah

Lecturer
MPhil (Riphah)

Ms. Yasmeen Akhtar

Lecturer
MPhil (PMAS)

Ms. Ammara Asghar

MPhil (RIPA)
Lecturer

Mr. Muhammad Atif

Research Officer
MPhil (UOS)

Mr. Muhammad Idrees

Teaching Assistant
MPhil (GCUF)

Ms. Fozia Mumtaz

Teaching Assistant
MSc (UAF)

Scheme of Studies BS Sociology

| Semester 1 | | |
|------------|--|--------|
| ENG-321 | Functional English | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| SOC-301 | Introduction to Psychology | 3(3-0) |
| SOC-305 | Social Work | 3(3-0) |
| SOC-307 | Introduction to Sociology | 3(3-0) |
| Semester 2 | | |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| STA-321 | Introduction to Statistical Theory | 3(3-0) |
| ECO-408 | Issue in Pakistan Economy | 3(3-0) |
| SOC-302 | Social Tolerance | 3(3-0) |
| SOC-308 | Social Thought | 3(3-0) |
| Semester 3 | | |
| ENG-421 | Communication Skills | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| SOC-403 | Introduction to Industrial Sociology | 3(3-0) |
| SOC-405 | Organizational Behaviour and HRD | 3(3-0) |
| SOC-407 | Classical Sociological Theories | 3(3-0) |

| Semester 4 | | |
|--|--|--------|
| ENG-422 | Technical Writing | 3(3-0) |
| POL-406 | Introduction to International Relation | 3(3-0) |
| SOC-404 | Contemporary Sociological Theories | 3(3-0) |
| SOC-406 | Pakistani Society & Culture | 3(3-0) |
| SOC-408 | Gender Studies | 3(3-0) |
| Semester 5 | | |
| SOC-501 | Criminology | 3(3-0) |
| SOC-503 | Research Methodology | 4(3-1) |
| SOC-505 | Sociology of Development | 3(3-0) |
| SOC-507 | Project Planning & Management | 4(3-1) |
| SOC-509 | Community Development | 3(3-0) |
| Semester 6 | | |
| SOC-502 | Research Design & Socio-metry | 3(3-0) |
| SOC-504 | Anthropology | 3(3-0) |
| SOC-506 | Population Studies | 4(3-1) |
| SOC-508 | Rural Sociology | 3(3-0) |
| SOC-510 | Urban Sociology | 3(3-0) |
| Semester 7 | | |
| ENG-611 | English for Employment | 3(3-0) |
| SOC-603 | Sociology of Health & Medicine | 3(3-0) |
| SOC-605 | Comparative Social Institutions | 3(3-0) |
| SOC-607 | Sociology of Education | 3(3-0) |
| SOC-601 | Islamic Sociology | 3(3-0) |
| Elective-I | | |
| Elective-II | | |
| Semester 8 | | |
| SOC-602 | Social Change & Transformation | 3(3-0) |
| SOC-604 | Sociology of Religion | 3(3-0) |
| SOC-606 | Sociology of Globalization | 3(3-0) |
| Elective-III | | |
| Elective-IV | | |
| SOC-631 | Project OR | 3(0-3) |
| SOC-632 | Internship | 3(0-3) |
| Elective I, II, III, IV will be selected from the list below | | |
| SOC-608 | Clinical Sociology | 3(3-0) |
| SOC-609 | Impact Assessment | 3(3-0) |

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|---------|---|--------|
| SOC-610 | Governance in Social Policy | 3(3-0) |
| SOC-611 | Conflict and Alternative Dispute Reslection | 3(3-0) |
| SOC-612 | Corporate Social Responsibilities | 3(3-0) |
| SOC-613 | Electronic Media and Virtual Society | 3(3-0) |
| SOC-614 | Sociology of Law and Human Rights | 3(3-0) |
| SOC-616 | Rural Development | 3(3-0) |

MSc Sociology

| Semester 1 | | |
|----------------------|--|---------|
| SOC-551 | Principles of Sociology | 3(3-0) |
| SOC-553 | Classical Sociological Theory | 3(3-0) |
| SOC-555 | Social Psychology | 3(3-0) |
| STA-321 | Introduction to Statistical Theory | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| SOC-557 | Social Communication Skills | 3(3-0) |
| Semester 2 | | |
| SOC-552 | Methods of Social Research | 4 (3-1) |
| SOC-554 | Cultural Anthropology | 4 (3-1) |
| SOC-556 | Population Dynamics | 4 (3-1) |
| SOC-558 | Sociology of Gender | 3 (3-0) |
| SOC-560 | Social Change | 3 (3-0) |
| Semester 3 | | |
| SOC-651 | Research Design and Measurement | 4(3-1) |
| SOC-653 | Sociology of Development | 4(3-1) |
| SOC-655 | Contemporary Sociological Theory | 3(3-1) |
| SOC-657 | Organizational Behavior and Human Resource Development | 3(3-0) |
| One Optional Subject | | |
| SOC-661 | Social Problems of Pakistan | 3(3-0) |
| SOC-663 | Community Development | 3(3-0) |
| SOC-665 | Sociology of Human Rights | 3(3-0) |
| SOC-667 | Sociology of Education | 3(3-0) |
| SOC-669 | Sociology of Health and Medicine | 3(3-0) |
| SOC-671 | Gerontology | 3(3-0) |
| Semester 4 | | |
| SOC-652 | Criminology | 3(3-0) |
| SOC-654 | NGO Management | 3(3-0) |

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|--|-----------------------------------|--------|
| SOC-656 | Sociology of Social Work | 3(3-0) |
| SOC-679 | Seminar | 1(0-1) |
| SOC-680 | Thesis | 6(0-6) |
| All those students who will not take thesis can choose two subjects from the following. Moreover, they will have to submit a report. | | |
| SOC-508 | Rural Sociology | 3(3-0) |
| SOC-660 | Urban Sociology and Human Ecology | 3(3-0) |
| SOC-662 | Industrial Sociology | 3(3-0) |
| SOC-604 | Sociology of Religion | 3(3-0) |

MA Social Work

| Semester 1 | | |
|------------|--|---------|
| SOW-551 | Social Case Work | 3(2-1) |
| SOW-553 | Social Group work | 3 (3-0) |
| SOW-555 | Community Development and Organization | 3 (3-0) |
| SOW-557 | Social Research Methods | 3 (3-0) |
| SOW-559 | History and Philosophy of Social Work | 2 (2-0) |
| SOW-571 | Social Problems of Pakistan | 3 (3-0) |
| SOW-573 | Human Growth and Behavior | 3 (3-0) |
| Semester 2 | | |
| SOW-552 | Sociology of Culture and Social Institutions | 3 (3-0) |
| STA-321 | Introduction to Statistical Theory | 3 (3-0) |
| CSI-321 | Introduction to Computing Applications | 3 (2-1) |
| SOW-554 | Gender and Development | 3 (3-0) |
| SOW-556 | Field work-I | 1 (0-1) |
| SOW-558 | Social Policy, Planning and Welfare Administration | 3 (3-0) |
| SOW-560 | Population Planning | 2 (2-0) |
| Semester 3 | | |
| SOW-651 | Social Legislation | 3 (3-0) |
| SOW-653 | NGO Management and Leadership | 3 (3-0) |
| SOW-655 | Human Rights | 3 (3-0) |
| SOW-657 | Social Development | 3 (3-0) |
| SOW-659 | Social Action | 3 (3-0) |
| SOW-661 | Medical and Psychiatric Social Work | 2 (2-0) |
| Semester 4 | | |
| SOW-652 | Juvenile Delinquency | 2 (2-0) |
| SOW-654 | Poverty Reduction | 2 (2-0) |

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| SOW-656 | Social Gerontology | 3 (3-0) |
| SOW-658 | Social Defense and Correlation Services | 3 (3-0) |
| SOW-660 | Child Protection | 3 (3-0) |
| SOW-662 | Social Rehabilitation | 3 (3-0) |
| SOW-664 | Field work-II | 1 (0-1) |

MSc Criminology

| Semester 1 | | |
|------------|---|--------|
| CRM-551 | Introduction to Criminology | 3(3-0) |
| CRM-553 | Methods of Social Research | 4(3-1) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| CRM-555 | Theoretical Perspectives on Crime and Criminal Behavior | 3(3-0) |
| CRM-557 | Social Psychology | 3(3-0) |
| ENG-421 | Communication skills | 3(3-0) |
| Semester 2 | | |
| CRM-552 | Criminal Investigation and Methods of Assessment | 3(2-1) |
| CRM-554 | Drug Abuse and Related Crimes | 3(3-0) |
| CRM-556 | Islamic Perspective on Crime and Punishment | 3(3-0) |
| CRM-558 | Correctional Institutions and Policing | 3(3-0) |
| CRM-560 | Forensic Science and Cyber Crime | 3(2-1) |
| CRM-562 | Terrorism and Gender Violence | 3(3-0) |
| Semester 3 | | |
| CRM-651 | Criminality and Criminal Justice system | 3(3-0) |
| CRM-653 | Community justice and crime prevention in Pakistan | 3(3-0) |
| CRM-655 | Psychological Interventions for Criminal Behaviour | 3(3-0) |
| CRM-657 | Demographic Hazards | 3(3-0) |
| CRM-659 | Juvenile Delinquency | 3(3-0) |
| CRM-661 | Organizational and Human Resource Management | 3(3-0) |
| Semester 4 | | |
| CRM-652 | Sociology of Human rights | 3(3-0) |
| CRM-656 | Organized Crime and Money Laundering | 3(3-0) |
| CRM-631 | Project | 2(0-2) |
| CRM-632 | Internship | 2(0-2) |



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|--------------------------|--|--------|
| CRM-680 | Thesis OR two optional subjects from the list below | 6(0-6) |
| Optional Subjects | | |
| CRM-654 | Penology | 3(3-0) |
| CRM-662 | Crime and security | 3(3-0) |
| CRM-664 | Crime and mental health issues | 3(3-0) |
| CRM-666 | Procedures of evidence in criminal law | 3(3-0) |
| CRM-668 | Sentencing-as a post-conviction | 3(3-0) |

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|---------------------------------------|-------------------------|--------|
| STA-795 | Statistics for Research | 3(2-1) |
| SOC-728 | Seminar (General) | 1(0-1) |
| SOC-729 | Seminar (Research) | 1(0-1) |
| SOC-730 | Thesis | 6(0-6) |
| Mandatory Requirements for PhD | | |
| SOC-758 | Seminar (General) | 1(0-1) |
| SOC-759 | Seminar (Research) | 1(0-1) |
| SOC-760 | Thesis | --- |



MPhil / PhD Sociology

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| Core Courses for MPhil | | |
| SOC-702 | Contemporary Sociological Theory | 3(3-0) |
| SOC-703 | Gender and Development | 4(3-1) |
| SOC-704 | Population Dynamics | 3(3-0) |
| SOC-705 | Criminology | 4(3-1) |
| SOC-709 | Research Methods in Social Sciences | 4(3-1) |
| Core Courses for PhD | | |
| SOC-701 | Advance Research Methods and Design | 4(3-1) |
| SOC-713 | Sociological Theory | 3(3-0) |
| SOC-715 | Techniques of Population Analysis | 4(3-1) |
| SOC-720 | Sociology of Health | 3(3-0) |
| SOC-722 | Criminology and Criminal Justice | 3(3-0) |
| SOC-723 | Sociology of Human Development | 3(3-0) |
| Optional Courses for MPhil & PhD | | |
| SOC-706 | Rural Social Organization | 3(3-0) |
| SOC-707 | Community Organization and Development | 3(3-0) |
| SOC-708 | Population Issues and Problems | 3(3-0) |
| SOC-710 | Qualitative Research Methods and Techniques | 4(3-1) |
| SOC-711 | Advance Research Methodology | 3(3-0) |
| SOC-712 | Social Paradigms | 3(3-0) |
| SOC-716 | Sociology of Development | 3(3-0) |
| SOC-717 | Social Change | 3(3-0) |
| SOC-718 | Human Resource Development | 3(3-0) |
| SOC-719 | Gender Studies | 3(3-0) |
| SOC-714 | Contemporary Social Problems of Pakistan | 3(3-0) |
| Mandatory Requirements for MPhil | | |





Faculty of Engineering

1. Department of Chemical Engineering Technology
2. Department of Civil Engineering Technology
3. Department of Electrical Engineering
4. Department of Environmental Sciences & Engineering
5. Department of Mechanical Engineering Technology



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Dean

Ph: 041-9201566

Email: farhat@gcuf.edu.pk

Prof. Dr. Farhat Abbas, a PhD in Agricultural Engineering with expertise in Environmental Engineering from Newcastle University – UK, is well recognized for his skills in planning and developing of technology programs at University level. He established Faculty of Engineering, strengthened by five departments enlisted parallel at left side.

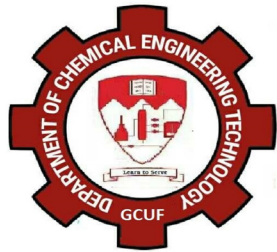
Prof. Abbas is listed among HEC recognized supervisor in the field of Engineering as he continues to supervise PhD and MPhil students. He has authored a number of research articles, book chapters, and extension manuals. He is a successful resource developer in securing funds for PC-1 and executing new projects for University's growth.

The Faculty of Engineering is contributing to the Faisalabad community from the platforms of Faisalabad Waste Management Company, IEEE Computer Society & other chapters, solar powering GCUF New Campus and ICT services for holding exams of NTS, Judiciary, and University's entry tests.

Department of Chemical Engineering Technology

Phone : 041-9203027

Email: cet@gcuf.edu.pk



Government College University Faisalabad



Vision

To become a premier hub for Chemical Engineering Technology program, which is recognized for its diversity and known for its quality and standards.

Mission

The mission of the department of Chemical Engineering Technology is to offer academic programs with solid and technical foundation that prepare students for professional practice, such as chemical process engineering, application of chemical principles to industrial processes, problem solving, translating information into new processes & products and exercise leadership in industry, academia and government in terms of technical, economic and social issues.

Introduction

Pakistan is a land of opportunities. Recently, as a result of CPEC project, Pakistan has gained a vital Geo-strategic location in the region. This impact will increase the demand of technical professionals in the field of Chemical Engineering Technology in the near future.

The department of Chemical Engineering Technology at GCUF started its journey in 2016 and is the first government sector unit in Faisalabad, which initiate the degree course in B.Sc. Chemical Engineering Technology under the umbrella of National Technology Council (NTC).

Faculty

Engr. Muddasar Safdar

Lecturer
MSc Chemical and Energy Engineering
(OvGU, Magdeburg, Germany)

Dr. Muhammad Ammar

Assistant Professor (IPFP)
PhD in Chemical Engineering (CAS, China)

Dr. Muhammad Ahmad

Assistant Professor (TTS)
PhD in Chemical Engineering (MLU, Halle Salle, Germany)

Engr. Bilal Akbar

Lecturer
MSc Chemical Engineering (PU)

Engr. Sana Jamal

Lecturer
MSc Chemical Engineering (PU)

Engr. Baber Saeed

Lecturer
MSc Petroleum Engineering (TU, Clusthal, Germany)

Engr. Maria Jafer Khan

Lecturer
MSc in Chemical Engineering
(UET, Lahore)

Programs Offered

Bsc Chemical Engineering Technology

Incharge: Engr. Muddasar Safdar

**Engr. Syed Ejaz Haider**

Lecturer
MSc Chemical and Energy Engineering
(OvGU, Magdeburg, Germany)

Engr. Muhammad Ali Jamal

Research Officer
MSc in Chemical Engineering and Technology (BUCT, China)

Scheme of Studies for BSc Chemical Engineering Technology

| Semester 1 | | |
|------------|---|--------|
| ACH-321 | Applied Chemistry | 3(2-1) |
| ENG-321 | Functional English | 3(3-0) |
| CSI-321 | Introduction To Computing Applications | 3(2-1) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| PHY-321 | Fundamentals of Mechanics | 3(2-1) |
| MET-301 | Technical Drawing | 3(2-1) |
| Semester 2 | | |
| ELT-431 | Electrical Technology | 3(2-1) |
| CHT-302 | Industrial Materials | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| MTH-322 | Introduction to Calculus | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| MET-304 | Workshop Practice | 2(2-0) |
| Semester 3 | | |
| CHT-401 | Particle Technology | 3(2-1) |
| CHT-403 | Chemical Process Industries-I | 3(3-0) |
| CHT-405 | Basic Thermodynamics | 3(2-1) |
| CHT-407 | Basic Process Calculation- I | 3(3-0) |
| CHT-409 | Mechanical Separation Operations | 3(3-0) |
| Semester 4 | | |
| CHT-402 | Fluid Flow Operations | 3(2-1) |
| CHT-404 | Chemical Process Industries-II | 3(3-0) |
| CHT-406 | Basic Process Calculations-II | 3(3-0) |
| CHT-408 | Renewable Energy Technology | 3(3-0) |
| FST-301 | Introduction to Food Science and Technology | 3(3-0) |
| CHT-410 | Petroleum and Petrochemical Technology | 3(3-0) |

| Semester 5 | | |
|------------|--|----------|
| CHT-501 | Mass Transfer Operations | 3(2-1) |
| CHT-503 | Heat Transfer Operations | 3(2-1) |
| CHT-505 | Safety, Health and Environment | 3(3-0) |
| CHT-507 | Industrial Instrumentation | 3(2-1) |
| CHT-509 | Engineering Management | 3(3-0) |
| Semester 6 | | |
| CHT-502 | Chemical Reactor Technology | 3(3-0) |
| CHT-504 | Chemical Process Control | 3(2-1) |
| CHT-506 | Process Plant Utilities | 2(2-0) |
| CHT-508 | Equipment Maintenance | 3(3-0) |
| CHT-510 | Chemical Process Design and Simulation | 3(2-1) |
| CHT-512 | Chemical Process Economics | 3(3-0) |
| Semester 7 | | |
| CHT-631-A | Project | 3(0-3) |
| CHT-632-A | Internship * | 16(0-16) |
| Semester 8 | | |
| CHT-631-B | Project | 3(0-3) |
| CHT-632-B | Internship * | 16(0-16) |

* Performance for the Industrial Training internship will be assessed based on:

1. Industrial Trainer's Report (20%)
2. Industrial Training Advisor's report through visit or survey (10%)
3. Internship Report (50%)
4. Viva voce (20%)



Department of Civil Engineering Technology

Civil Engineering Technology



Programs Offered

Bsc Civil Engineering Technology

Incharge: Faizan Ashraf



Vision

Emerge as a Center of Excellence in Civil Engineering Technology, fostering a generation of globally competent and socially committed civil engineering technologists who will contribute to the nation building process

Mission

To provide a comprehensive education and training at the levels and to equip the graduate with strong ethical and moral values and make them socially committed.

Introduction

The department of Civil Engineering Technology started offering BSc Civil Engineering Technology program in the year 2015. The objective of the BSc Civil Engineering Technology program is to provide the students good understanding of civil engineering solutions in a global, societal and environmental context, in consistent with the principles of sustainable development. The programme will make the students capable of identifying, formulating and solving civil engineering problems that meet specified performance, cost, time, safety and other quality needs. BSc Civil Engineering Technology program emphasizes on industry standard and research based projects to enhance the students' skills for becoming successful professionals in the field of Civil Engineering and Technology.

Faculty

Faizan Ashraf

Coordinator/ Research officer
MS in Construction & Engineering Management

Talha Aslam

IT Focal Person/ Research officer
MS Scholar

Atta Mehroz

Exam-Coordinator/ Research Officer
MS in Geotechnical & Highway Engineering

Scheme of Studies for BSc Civil Engineering Technology

| Semester 1 | | |
|------------|--|--------|
| CET-301 | Applied Mechanics | 3(2-1) |
| CET-303 | Engineering Geology | 2(2-0) |
| ENG-321 | Functional English | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| CET-305 | Materials and Method of construction | 3(2-1) |
| CET-307 | Professional Ethics | 2(2-0) |
| Semester 2 | | |
| EET-304 | Electrical Machines -I | 3(2-1) |

| | | |
|-------------------|--|--------|
| CET-302 | Fluid Technology | 3(2-1) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| CET-304 | Mechanics of Materials | 3(2-1) |
| CET-306 | Surveying | 3(1-2) |
| CET-308 | Technical Drawing | 3(1-2) |
| Semester 3 | | |
| CET-401 | Advance Surveying and Application of GIS | 3(1-2) |
| CET-403 | Concrete Technology -1 | 3(2-1) |
| ENG-322 | English Comprehensive and Composition | 2(2-0) |
| CET-405 | Hydraulic Machinery | 3(2-1) |
| CET-407 | Structural Technology | 3(3-0) |
| CET-409 | Soil Mechanics-I | 3(2-1) |
| Semester 4 | | |
| CET-402 | Introduction to Architecture and Town Planning | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| CET-404 | Quantity Surveying | 2(2-0) |
| CET-406 | Soil Mechanics-II | 3(2-1) |
| CET-408 | Transportation Technology | 3(2-1) |
| CET-410 | Water Supply and Waste Water Management | 3(2-1) |
| Semester 5 | | |
| CET-501 | Concrete Technology –II | 3(2-1) |
| CET-503 | Contract Management | 3(2-0) |
| CET-505 | Foundation Technology | 3(2-1) |
| CET-507 | Hydrology | 3(2-1) |
| CET-509 | Irrigation and Hydraulic Structures | 3(3-0) |
| CET-511 | Occupational Health and Safety | 2(2-0) |
| Semester 6 | | |
| CET-502 | Building Codes | 2(2-0) |
| CET-504 | Construction Management | 3(3-0) |
| CET-506 | Environmental Management | 3(2-1) |
| CET-508 | Pavement Technology | 3(2-1) |
| CET-510 | Renewable Energy Technology | 3(2-1) |
| CET-512 | Steel Structures | 3(2-1) |
| Semester 7 | | |

| | | |
|-------------------|--------------|----------|
| CET-631-A | Project | 3(0-3) |
| CET-632-A | Internship * | 16(0-16) |
| Semester 8 | | |
| CET-631-B | Project | 3(0-3) |
| CET-632-B | Internship * | 16(0-16) |

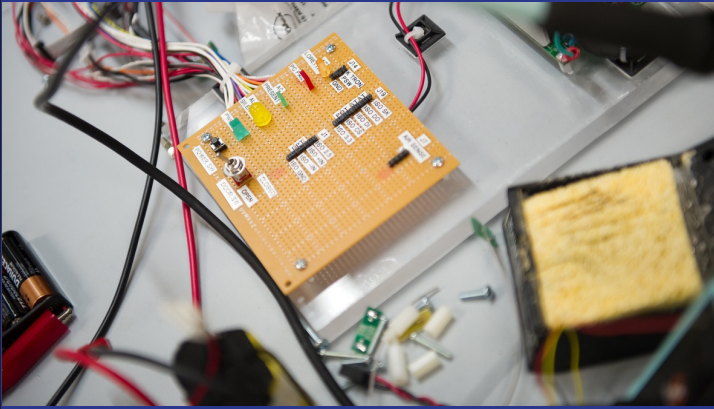
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1. Industrial Trainer's Report (20%)
2. Industrial Training Advisor's report through visit or survey (10%)
3. Internship Report (50%)
4. Viva voce (20%)



Department of Electrical Engineering

Phone: 041-9203009
Email: ee@gcuf.edu.pk



Programs Offered

1. BSc Electrical (Telecommunication) Engineering
2. BSc Electrical Engineering Technology

Incharge: Dr Umer Ijaz



Vision

The vision of the department is not only to embrace the rapid changes taking place in the Electrical Engineering sector but also to contribute to it through research and innovation.

Mission

To prepare individuals capable of responding to the rapidly changing field of Engineering and technology. The telecom and power industry has witnessed unprecedented growth in the recent years and it is still growing. It is imperative that our students develop the necessary expertise to grasp this change. Pakistan has gained very important geo-economic position in the region recently owing to CPEC. Technical personnel especially in Electrical sector will be in high demand in near future. To meet the challenges, special attention will be given to engineering education.

Introduction

The department of Electrical Engineering GCUF began its journey in 2004. BSc Electrical (Telecommunication) Engineering program is accredited by Pakistan Engineering Council. Department has been recently shifted to the spacious Iqbal Block New Campus Government College University Faisalabad.

The Department of Electrical Engineering aims to provide highly skilled professionals to cope with the demands of ever-growing Telecommunication sector in the country. The Department has laboratories well-equipped with the state of art equipment mostly of National Instruments (NI) Corporation of USA, with the aim to enable the students to simulate and implement solutions.

Faculty

Dr. Umer Ijaz

Incharge / Assistant Professor
PhD Electronics & Communication Engineering (Polytechnic Di Torino)
Specialization: Electronics & Communication

Dr. Abdul Rauf Bhatti

Assistant Professor
PhD Electrical Engineering (Malaysia)
Specialization: Photovoltaic systems (PV system)

Dr. Arslan Dawood Butt

Assistant Professor
PhD IT (Electronics Engineering) (Italy)
Specialization: Electronics, Radiation Detection Systems

Dr. Yawar Ali

Assistant Professor
PhD Electrical Engineering (China)
Specialization: Communication

Engr. Muhammad Ibrahim Khan

Assistant Professor
PhD Scholar (UET Lahore)
Specialization: Power

Engr. Hafiz Muhammad Kamran Ishfaq

Assistant Professor
PhD Scholar (Malaysia)
Specialization: Antenna and Microwave

**Engr. Farah Batool**

Lecturer
MSc Electrical Engineering Scholar
Specialization: Electronics

Engr. Nouman Safdar

Lecturer
MS Electrical Engineering (UOL)
Specialization: Power

Engr. Taufeeq Liaqat

Lecturer
MS Electrical Engineering
Specialization: Computer Networks

Engr. Rehan Liaqat

Lecturer
PhD Scholar (UET Taxila)
Specialization: Power

Engr. Ubaidullah

Lecturer
MSc Electrical Engineering (CASE Isb)
Specialization: Communication and Signal Processing

Engr. Muhammad Bilal

Lecturer
PhD Scholar
Specialization: Embedded Systems

Engr. Ali Raza

Lecturer
PhD Scholar (China)
Specialization: Electronics& Communication

Engr. Ahsan Noor Khan

Lecturer
PhD Scholar (England)
Specialization: Telecommunication

Engr. Hussain Raza Qasim

Lecturer
PhD Scholar (Korea)
Specialization: Telecommunication

Engr. Waqar Aziz

Lecturer
PhD Scholar (New Zealand)
Specialization: Telecommunication

Engr. Abdul Maalik

Lecturer
MSc Electrical Engineering (TUF, Faisalabad)
Specialization: Telecommunication

Engr. Abu Bakar Sharif

Lecturer
PhD Scholar (China)
Specialization: Electronics, Communication and Control System

Engr. Ali Iqbal

Lecturer
MS Electrical Engineering (NUST, Islamabad)
Specialization: Telecommunication

Muhammad Saad Sharif

Lecturer
MS Electrical Engineering (New Castle University)
Specialization: Power

Engr. Muhammad Husnain Khalid

Lab Engineer/Academic Coordinator
MSc Electrical Engineering Scholar
Specialization: Power

Engr. Anam Mughees

Research Officer/Lab Engineer
MS Engineering (UET Lahore)
Specialization: Power

Engr. Aleem Hussain

Lab Engineer
MSc Electrical Engineering Scholar
Specialization: Power

Engr. Mariam Naseem

Lab Engineer
MSc Electrical Engineering Scholar
Specialization: Telecommunication

Engr. Muzammal Hayat

Lab Engineer
MSc Electrical Engineering Scholar
Specialization: Telecommunication

Engr. Saad Ullah

Research Officer/Lab Engineer
MSc Electrical Engineering (CEME NUST)
Specialization: Communication

Syed Zeeshan Haider

Research Officer/ Exam Coordinator
MSc Electrical Engineering (Sweden)
Specialization: Signal Processing

Engr. Maria Hanif

Research Officer
MSc Electrical Engineering (UET Lahore)
Specialization: Electronics & Communication

Engr. Muhammad Fraz Anwar

Teaching Assistant / Assistant Academic Coordinator
MS Electrical Engineering
Specialization: Telecommunication

Engr. Irfan Riaz Shohab

Teaching Assistant / Assistant Exam Coordinator
MScS (Data Center Networks)
Specialization: Telecommunication

Scheme of Studies BSc Electrical (Telecommunication) Engineering

| Semester 1 | | |
|------------|--|--------|
| PHY-321 | Fundamentals of Mechanics | 3(2-1) |
| ELE-301 | Workshop Practice | 1(0-1) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| MTH-323 | Calculus and Analytical Geometry | 3(3-0) |
| ELE-303 | Linear Circuit Analysis | 4(3-1) |
| Semester 2 | | |
| ELE-302 | Engineering Drawing | 1(0-1) |
| CSI-301 | Programming Fundamentals | 3(2-1) |
| MTH-324 | Multivariable and Integral Calculus | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| ENG-321 | Functional English | 3(3-0) |
| ELE-304 | Electronic Devices and Circuits | 4(3-1) |
| Semester 3 | | |
| MTH-424 | Linear Algebra | 3(3-0) |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |

| | | |
|-------------------|---------------------------------------|--------|
| ELE-401 | Digital Logic Design | 4(3-1) |
| CSI-401 | Data Structures and Algorithms | 4(3-1) |
| ELE-403 | Electrical Network Analysis | 4(3-1) |
| Semester 4 | | |
| ELE-402 | Electronic Circuit Design | 4(3-1) |
| ELE-404 | Microprocessor Systems | 4(3-1) |
| ELE-406 | Instrumentation and Measurements | 4(3-1) |
| ENG-421 | Communication Skills | 3(3-0) |
| MTH-423 | Differential Equations and Transforms | 3(3-0) |
| Semester 5 | | |
| ELE-501 | Electromagnetic Field Theory | 3(3-0) |
| ELE-503 | Signals and Systems | 4(3-1) |
| ELE-505 | Probability Methods in Engineering | 3(3-0) |
| ELE-507 | Power Electronics | 4(3-1) |
| ELE-509 | Electrical Machines | 4(3-1) |
| Semester 6 | | |
| ELE-502 | Wave Propagation and Antennas | 4(3-1) |
| ELE-504 | Communication Systems | 4(3-1) |
| ELE-506 | Digital Signal Processing | 4(3-1) |
| ELE-508 | Engineering Economics and Management | 3(3-0) |
| ELE-510 | Linear Control Systems | 4(3-1) |
| Semester 7 | | |
| ELE-601 | Computer Communication Networks | 4(3-1) |
| ELE-603 | RF and Microwave Engineering | 4(3-1) |
| ELE-605 | Digital Communications | 4(3-1) |
| ELE-607 | Procurement Management | 2(2-0) |
| ELE-631-A | Project | 3(0-3) |
| Semester 8 | | |
| ELE-602 | Optical Communication | 4(3-1) |
| ELE-604 | Wireless and Mobile Communication | 3(3-0) |
| ELE-606 | Satellite Engineering | 4(3-1) |
| ELE-631-B | Project | 3(0-3) |

BSc Electrical Engineering Technology

| | | |
|-------------------|---|--------|
| Semester 1 | | |
| EET-301 | Applied Technology Mathematics-1 | 3(3-0) |
| ACH-321 | Applied Chemistry | 3(2-1) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| EET-305 | Engineering Drawing | 3(1-2) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| EET-307 | Linear Circuit Analysis | 3(2-1) |
| Semester 2 | | |
| PHY-321 | Fundamentals of Mechanics | 3(2-1) |
| PST-321 | Pakistan studies | 2(2-0) |
| EET-302 | Applied Technology Mathematics-2 | 3(3-0) |
| EET-304 | Electrical Machines –I | 3(2-1) |
| EET-306 | Power Generation Systems | 2(2-0) |
| EET-308 | Workshop Technology | 1(0-1) |
| Semester 3 | | |
| EET-401 | AC Circuit Analysis | 4(2-2) |
| EET-403 | Digital Electronics | 4(2-2) |
| PHY-323 | Basic Electronics | 3(2-1) |
| EET-405 | Electromagnetic Field | 2(2-0) |
| EET-407 | Technical Communication Skills | 3(3-0) |
| Semester 4 | | |
| EET-402 | Electrical Machines- II | 4(2-2) |
| EET-404 | Electrical Instrumentations and Measurements | 4(2-2) |
| EET-406 | Electrical Power Transmission | 3(2-1) |
| EET-408 | Electrical Power Distribution and Utilization | 3(2-1) |
| EET-410 | Technical Report Writing | 3(3-0) |
| Semester 5 | | |
| EET-501 | Control Technology | 3(2-1) |
| EET-503 | Communication Technology | 4(2-2) |
| EET-505 | Industrial Drives and PLC | 3(2-1) |
| EET-507 | Microprocessor theory and Interfacing | 3(2-1) |
| EET-509 | Switch Gear and Protective Devices | 3(2-1) |
| EET-511 | Total Quality Management | 2(2-0) |
| Semester 6 | | |

| | | |
|---------------------|---------------------------------|----------|
| EET-502 | Renewable Energy Technology | 3(3-0) |
| EET-504 | Power System Analysis | 2(2-0) |
| EET** | Elective ** | 3(2-1) |
| EET-506 | Power Electronics | 4(2-2) |
| EET-508 | Project Management | 3(3-0) |
| EET-510 | Data and Computer Communication | 4(2-2) |
| Semester 7 | | |
| EET-631-A | Project | 3(0-3) |
| EET-632-A | Internship * | 16(0-16) |
| Semester 8 | | |
| EET-631-B | Project | 3(0-3) |
| EET-632-B | Internship * | 16(0-16) |
| **Electives: | | |
| EET 512 | High Voltage Technology | 3(2-1) |
| EET 514 | Digital Communication | 3(2-1) |

* Performance for the Industrial Training internship will be assessed based on:

1. Industrial Trainer's Report (20%)
2. Industrial Training Advisor's report through visit or survey (10%)
3. Internship Report (50%)
4. Viva voce (20%)





Department of Environmental Sciences & Engineering

Phone: 041-9201566



Programs Offered

1. BS Environmental Science
2. MSc Environmental Science
3. MPhil Environmental Science
4. MPhil Environmental Engineering
5. PhD Environmental Science

Chairman: Prof. Dr. Farhat Abbas

Vision

The department envisions that Environmental Science is a multi-disciplinary subject combining ecosystem processes and human activities. The understanding of knowledge and skills acquired through studying Environmental Science is critical to the attainment of sustainable development for sound environmental management.

Mission

The mission of the department is to make people aware of the hazards of environmental pollution and offer viable solutions to these problems. MPhil Environmental Engineering degree has been introduced to provide the professional engineers with the opportunities to develop a greater competency in major areas of Environmental Engineering. Courses for the degrees offered at the department include BS Environmental Science, MPhil Environmental Science, MPhil Environmental Engineering and PhD Environmental Science have been designed to deliver a sound theoretical knowledge and practical expertise of scientific and engineering principles that would enable graduates to effectively address the local to global environmental issues.

Introduction

The degree programs offered at the Department of Environmental Sciences and Engineering bridge the gap between various disciplines. The challenges of 21st century would require advance research and activities in the field of Environmental

Sciences and Engineering. It is, therefore, necessary to develop the research facilities in order to cope with future demands. The department is engaged in multidisciplinary research. Researchers of this department are exploiting the phenomena of phytoremediation, biodegradation, wastewater treatment, and climate change among others. Phytoremediation is a low cost cleanup technique comprising direct use of living green plants for in-situ (in place) removal of contaminants from soils and surface waters. Biodegradation is the chemical dissolution of materials by bacteria, fungi, or other biological means. Wastewater treatment is possible through UASB (Upflow Anaerobic Sludge Blanket Reactor). Climate change is variability in the statistical distribution of weather patterns when the change lasts for an extended period of time. In other words, it may refer to a change in average weather conditions. Odd weather patterns cause shifting of seasons, weather complexities, and resultantly high values of Heat Index.

For climate change research, development, and outreach (community awareness), GCUF collaborates with its national and international partners including PARC-Islamabad, ICIMOD (Nepal), TERI (India), BCAS (Bangladesh), Alterra of Wageningen University of the Netherlands. Heat stress has direct effects on human health. Health studies which derive a relation between health and heat usually make use of temperatures recorded at standardised locations outside city limits. In general, they do not cover the conditions in which the most vulnerable people, the urban and rural poor people, actually live in. Due to the Urban Heat Island effect, urban areas are exposed to higher levels

of heat than the people living in surrounding rural areas. In addition, indoor temperatures can differ greatly from outdoor temperatures. In order to generate weather data for true urban environments, the temperatures must be recorded within the urban locations. The existing two weather stations in Faisalabad (one at the airport and the other at the University of Agriculture Faisalabad) do not generate true urban environmental data rather they produce agricultural scenarios.

Realizing the importance and need of a weather station in urban settings, the Vice Chancellor, Government College University Faisalabad inaugurated the automatic weather station at the old campus on March 02, 2016. This weather station is complete sets of instruments and measures wide range of climate and weather parameters. These instruments have been donated by the Alterra, Wageningen, the Netherlands under a joint regional project HI-AWARE. The researchers from the Netherlands, Dr. Christian Siderius and Ms Tanya elaborated the use and functions of this weather station in the scenario of heat waves in urban environments. Prof. Dr. Muhammad Ali (Vice Chancellor) thanked the Wageningen University for their collaboration and discussed the use of data from weather station in various fields of life and natural sciences.

There is insufficient knowledge regarding the role of potential risk factors and adaptation measure such as house building material type on heat-related mortality. The health benefits from interventions in housing and the outdoor built environment, such as increasing green spaces and using albedo (e.g. painting roofs white) are a research area offering significant potential for improving people's health, next to early warning systems. Researchers of the Department of Environmental Sciences & Engineering at GCU Faisalabad are exploiting threshold values of Heat Index in the slums of Faisalabad in order to be able to recommend to the city and district government for mitigation strategies including planting of good number of trees in vulnerable areas and recommending to the public the specific building materials to be used in their house construction. In continuation to the collaborative activities a "Stakeholders Consultation Workshop on Heat Stress in Faisalabad" was held on March 03, 2016 at GCU Faisalabad.

The workshop was attended by the researchers from GCUF, UAF, PARC, ALTERA-Wageningen University, LEAD-Pakistan, representatives from Rescue 1122 - Faisalabad, Faisalabad Waste Management Company, Vice Principal Punjab Medical College, health professionals from Allied Hospital Faisalabad

and civil society representatives and students. The Vice Chancellor Prof. Dr. Muhammad Ali welcomed the participants from various disciplines and offered every possible support for heat-stress related studies in Faisalabad. Participants of the stakeholders' workshop on the issues of heat stress and the related preemptive measures in Faisalabad. Organizing International Conference on "Global Environmental Change" is an annual routine activity of the Department. This year the 4th conference in this sequence was organized at the New Campus of the University. Five hundred trees of various species were planted at New Campus as a field activity of this conference.

Faculty

Prof. Dr. Farhat Abbas

Professor / Chairman
PhD Agricultural Engineering (Newcastle, UK)
Specialization: Climate Change Extremes, Resource Management, GIS Applications

Dr. Muhammad Ibrahim

Assistant Professor
PhD (UAF), Postdoc (South Korea)
Specialization: Soil and Environmental Sciences

Dr. Muhammad Siddique

Assistant Professor
PhD (PU), Postdoc Kurume University, Japan
Specialization: Biotechnology

Dr. Sabir Hussain

Assistant Professor
PhD (France), Postdoc (Ireland)
Specialization: Biotransformation and Bioremediation of Pollutants in Contaminated Soils and Wastewaters

Dr. Tahira Yasmeen

Assistant Professor
PhD (QAU)
Specialization: Plant Microbial Ecology and Biotechnology

Dr. Muhammad Saleem Arif

Assistant Professor
PhD (UAF), Postdoc (UK, Switzerland)
Specialization: Soil Biology and Biogeochemistry, Sustainability

Dr. Muhammad Riaz

Assistant Professor
PhD (U.K.), Postdoc (Australia; Switzerland)
Specialization: Biochar for Sustainable Soil Management.

Dr. Shafaqat Ali

Assistant Professor
PhD (ZJU, China)
Specialization: Phytotoxicity and Phytoremediation of Environmental Pollutants, Biochar, Stress Physiology

Dr. Muhammad Adrees

Assistant Professor (On ex-Pakistan leave)
PhD (Imperial College, London)
Specialization: Nitrogen and Ozone Pollution, Climate change

Dr. Tanvir Shahzad

Assistant Professor
PhD (France), Postdoc (France)
Specialization: Soil Biochemistry, Biochar, Carbon Sequestration

Dr. Hina Rizvi

Assistant Professor
PhD (PU); Specialization: Water Quality and Treatment

Dr. Faisal Mahmood

Assistant Professor
PhD (France); Specialization: Crop Modeling, Biochar

Dr. Muhammad Iqbal

Assistant Professor
PhD (Austria)
Specialization: Soil Microbiology & Biochemistry; Bioremediation and Metal immobilization in Environment

Dr. Muhammad Rizwan

Assistant Professor
PhD (France); Specialization: Phytotoxicity & Phytoremediation

Dr. Ghazala

Assistant Professor
PhD (GCUF); Specialization: Toxicology

Dr. Zaib-un-Nisa

Assistant Professor
PhD (GCUF); Specialization: Biodiversity and Toxicology

Ms. Shamaila Noreen

Lecturer
Mphil (GCUF); Specialization: Environmental Sciences

Ms. Huma Saeed

Lecturer (on Ex-Pakistan leave)
Mphil (GCUF); Specialization: Environmental Sciences

**Ms. Saadia Hina**

Lecturer (on study leave)

MPhil (GCUF); Specialization: Pollution Monitoring and EIA

Ms. Aaifa Chaudhary

Lecturer (on Ex-Pakistan leave)

MS (PU); Specialization: Air Pollution and EMS

Mr. Muhammad Kashif Irshad

Lecturer (on Ex-Pakistan leave) MSc (Hons) (UAF)

Specialization: Soil and Environmental sciences

Mr. Zaheer Abbas Virk

Lecturer

MSc (Hons) (UAF); Specialization: Soil Chemistry

Scheme of Studies**BS Environmental Science**

| Semester 1 | | |
|------------|--|--------|
| ENV-301 | Introduction to Environmental Science | 3(3-0) |
| BOT-303 | Functional Biology-I | 3(2-1) |
| CHM-305 | Basic Chemistry | 3(2-1) |
| ENG-321 | Functional English | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| Semester 2 | | |
| ENV-302 | Introduction to Earth Sciences | 3(2-1) |
| BOT-306 | Functional Biology-II | 3(2-1) |
| ENV-306 | Environmental Anthropology | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| STA-321 | Introduction to Statistical Theory | 3(3-0) |
| Semester 3 | | |
| ENV-401 | Environmental Chemistry | 3(2-1) |
| ENV-403 | Environmental Physics | 3(2-1) |
| ENV-405 | Philosophy | 3(3-0) |
| ECO-408 | Issues in Pakistan Economy | 3(3-0) |
| ENG-421 | Communication Skills | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(3-0) |

| Semester 4 | | |
|------------|--|--------|
| ENV-402 | Fundamentals of Ecology | 3(3-0) |
| ENV-404 | Environmental Microbiology | 3(2-1) |
| ENV-406 | Environmental Pollution | 3(3-0) |
| ENV-408 | Climatology | 3(3-0) |
| PSY-422 | Introduction to Psychology | 3(3-0) |
| ENV-410 | Waste Management | 3(3-0) |
| Semester 5 | | |
| ENV-501 | Applied Ecology | 3(2-1) |
| ENV-503 | Basics of Environmental Toxicology | 3(2-1) |
| ENV-505 | Environmental Profile of Pakistan | 3(3-0) |
| ENV-507 | Fundamentals of Environmental Economics | 3(3-0) |
| ENV-509 | Analytical Techniques in Environmental Science | 3(1-2) |
| ENV-511 | Energy and Environment | 3(3-0) |
| Semester 6 | | |
| ENV-502 | Fundamentals of Environmental Biotechnology | 3(2-1) |
| ENV-504 | GIS & Remote Sensing | 3(2-1) |
| ENV-506 | Basics of Environmental Management Systems | 3(3-0) |
| ENV-508 | Biodiversity & Conservation | 3(3-0) |
| ENV-510 | Environmental Monitoring | 3(2-1) |
| ENV-512 | Water Resources Management | 3(3-0) |
| Semester 7 | | |
| ENV-601 | Introduction to Climate Change | 3(3-0) |
| ENV-603 | Basics of Environmental Impact Assessment | 3(3-0) |
| ENV-605 | Natural Resource Management | 3(3-0) |
| ENV-607 | Research Methods in Environmental Science | 3(3-0) |
| ENV-609 | Urban Planning and Management | 3(3-0) |
| ENV-611 | Soil and Environment | 3(3-0) |
| Semester 8 | | |
| ENV-602 | Environmental Laws & Policies | 3(3-0) |
| ENV-604 | Health and Environment | 3(3-0) |
| ENV-606 | Pollution Control Technologies | 3(2-1) |
| ENV-610 | Atmospheric Science | 3(3-0) |
| ENV-612 | Disaster Management | 3(3-0) |
| ENV-631 | Research Project * | 6(0-6) |

Research projects will be offered to the students with 85% or above marks (till semester 6). Students securing less than 85% marks will study two additional elective courses ENV-610 & ENV-612 (each of 3 credit hours) instead of research work.

MPhil/PhD Environmental Science

| | | |
|---------|---|--------|
| ENV-701 | Environmental Governance | 3(3-0) |
| ENV-702 | Advanced Analytical Techniques | 3(3-0) |
| ENV-703 | Environment Impact Assessment Practical Solutions | 3(3-0) |
| ENV-704 | Project Development & Management | 3(3-0) |
| ENV-705 | Occupational Safety and Environment | 3(3-0) |
| ENV-706 | Environmental Management Systems | 3(3-0) |
| ENV-707 | Energy Conservation and Environment | 3(3-0) |
| ENV-708 | Climate Change | 3(3-0) |
| ENV-709 | Advance in Plant Ecology | 3(3-0) |
| ENV-710 | Biological Conservation | 3(3-0) |
| ENV-711 | Wildlife Forestry and wetland Conservation and Management | 3(3-0) |
| ENV-712 | Advanced Urban Ecology and Management | 3(3-0) |
| ENV-713 | Advanced Environmental Chemistry | 3(3-0) |
| ENV-714 | Applied Environmental Microbiology | 3(3-0) |
| ENV-715 | Freshwater Ecology(Limnology) | 3(3-0) |
| ENV-716 | Environmental Sociology | 3(3-0) |
| ENV-717 | Environmental Geology | 3(3-0) |
| ENV-718 | Marine Pollution | 3(3-0) |
| ENV-719 | Epidemiology | 3(3-0) |
| ENV-720 | Advances in Environmental Biotechnology | 3(3-0) |
| ENV-722 | Watershed Management | 3(3-0) |
| ENV-723 | Environmental Auditing | 3(3-0) |
| ENV-724 | Vegetation Ecology | 3(3-0) |
| ENV-725 | Alternative energy sources | 3(3-0) |
| ENV-726 | Cleaner Production Technology | 3(3-0) |
| ECO-714 | Advanced Resource and Environment Economics | 3(3-0) |
| ENV-732 | Environmental Applications of Remote Sensing | 3(3-0) |
| ENV-733 | Environment Risk Assessment | 3(3-0) |

| | | |
|---------|--|--------|
| ENV-734 | Principles and Applications of Bioremediation | 3(3-0) |
| ENV-735 | Environment Engineering | 3(3-0) |
| ENV-736 | Sustainable Urban Planning and Management | 3(3-0) |
| ENV-737 | Natural Resource Conservation | 3(3-0) |
| ENV-738 | Sustainable Agriculture, Transport and Industrial Production | 3(3-0) |
| ENV-739 | Industrial Ecology | 3(3-0) |
| ENV-740 | Sustainable Development | 3(3-0) |
| ENV-741 | Solid and Hazardous Waste Management | 3(3-0) |
| ENV-751 | Environmental Degradation | 3(3-0) |
| ENV-752 | Agro Biodiversity & its Conservation | 3(3-0) |
| ENV-753 | Advanced Research Methodology in Environmental Science | 3(3-0) |
| ENV-755 | Environmental Toxicology | 3(3-0) |
| ENV-756 | Quality Assurance and Quality Control | 3(3-0) |
| ENV-757 | Special Topic in Environment Science | 3(3-0) |

Mandatory Requirements for MPhil

| | | |
|---------|--------------------|--------|
| ENV-728 | Seminar (General) | 1(0-1) |
| ENV-729 | Seminar (Research) | 1(0-1) |
| ENV-730 | Thesis | 6(0-6) |

In addition to 6 credit hours of thesis, the students must take 26 credit hours in total (13 each during first and second semesters). General and research seminars to be also enrolled during First & Second semesters, respectively. Total credit hours for degree are 32.

Mandatory Requirements for PhD

| | | |
|---------|--------------------|--------|
| ENV-758 | Seminar (General) | 1(0-1) |
| ENV-759 | Seminar (Research) | 1(0-1) |
| ENV-760 | Thesis | |

The students must qualify 20 credit hours in total (10 each during first and second semesters). General and research seminars to be enrolled during first and second semesters, respectively to be eligible for sitting in comprehensive examination during the third semester (after passing all 20 credit hours).

MPhil Environmental Engineering

| | | |
|---------|---|--------|
| ENE-701 | Principles of Environmental Engineering | 3(3-0) |
| ENE-702 | Environmental Engineering Analytical Techniques | 3(1-2) |
| ENE-703 | Solid Waste Engineering and Management | 3(2-1) |
| ENE-704 | Physico-chemical Processes in Environmental Engineering | 3(3-0) |
| ENE-705 | Wastewater Engineering and Design | 3(3-0) |
| ENE-706 | Environmental Management and Impact Assessment | 3(2-1) |
| ENE-707 | Renewable Energy Resource Engineering | 3(2-1) |
| ENE-708 | Ecology and Risk Assessment | 3(3-0) |
| ENE-709 | Environmental Health and Safety Engineering | 3(2-1) |
| ENE-710 | Agricultural Pollution Control Engineering | 3(2-1) |
| ENE-711 | Applied Remote Sensing | 3(3-0) |
| ENE-712 | Special Topics in Environmental Engineering | 3(3-0) |
| MTH-741 | Applied Mathematics for Environmental Engineers | 3(3-0) |

Mandatory Requirements for MPhil

| | | |
|---------|--------------------|--------|
| ENE-728 | Seminar (General) | 1(0-1) |
| ENE-729 | Seminar (Research) | 1(0-1) |
| ENE-730 | Thesis | 6(0-6) |

In addition to 6 credit hours of thesis, the students must take 26 credit hours in total (13 each during first and second semesters). General and research seminars to be also enrolled during First & Second semesters, respectively. Total credit hours for degree are 32.

ELIGIBILITY CRITERIA

a- MPhil Environmental Science

1- BS/BSc (4 years) in Environmental/Natural Sciences making total number of education to 16

b- MPhil Environmental Engineering

1- BS/BSc/BE (4 years) in relevant fields making total number of education to 16

2- Registration number from Pakistan Engineering Council

(Minimum CGPA of 2.5/4.00 or 2nd division in terminal degree earned under annual system from HEC recognised universities)

c- PhD Environmental Science

1- MSc/MS/MPhil in Environmental/Natural Sciences making total number of education to 18

2- Minimum CGPA of 3.0/4.00 or 1st division in terminal degree earned under annual system from HEC recognised universities





Department of Mechanical Engineering Technology



Mission

To produce technologists and researchers with sound knowledge on fundamentals of traditional, modern and emerging areas of engineering together with innovative design abilities, IT and managerial skills, which are essential to achieve sustainable national development.

Vision

To develop well qualified engineers and technologists who are innovative entrepreneurial and successful in advanced fields of mechanical engineering to cater the ever changing industrial demands and social needs.

Introduction

Mechanical Engineering and the related technologies have developed today's world. We live in the era of constantly improving the existing and inventing the new technologies. Mechanical Engineering Technology has made it possible to convert our lives towards easier mode by making everything we use, more efficient. We provide students with a competitive education, hands-on experience, exposure to cutting-edge research, and support to pursue their dreams.

Faculty

Dr. Muhammad Yasar Javaid

Assistant Professor / Incharge
PhD (Malaysia)
Specialization: Computational Fluid Dynamics (CFD)

Engr. Imran Zahid

Lecturer/Academic Coordinator
MS Thermal Power Engineering (UET LHR)
Specialization: Thermal Engineering

Engr. Muhammad Raza Lashari

Lecturer
MS Intelligent Building Technology & Management (Hong Kong)
Specialization: HVAC

Engr. Fouzia Gillani

Lecturer
PhD Scholar (IST)
Specialization: Manufacturing Engineering

Engr. Abdul Ghafoor Bhatti

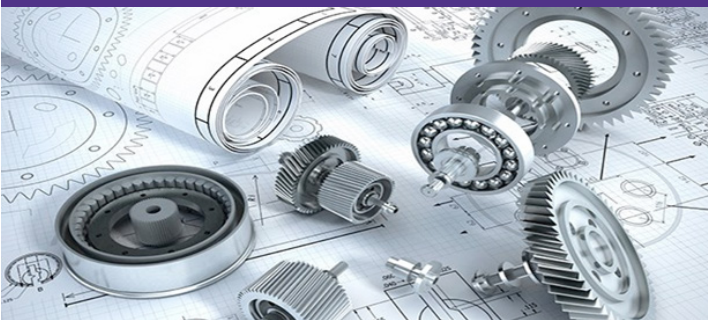
Lecturer
MS Thermal Power Engineering (UET LHR)
Specialization: Mechanical Engineering

Engr. Tahir Abbas

Lecturer
MSc (Malaysia)
Specialization: Impact Engineering

Engr. Aown Muhammad Shah

Research Officer
MS Scholar (UOL)
BSc Mechanical Engineering (BZU)
Specialization: Mechanical Design



Programs Offered

BSc Mechanical Engineering Technology

Incharge: Dr. Muhammad Yasar Javaid

BSc Mechanical Engineering Technology

| Semester 1 | | |
|------------|--|--------|
| ACH-321 | Applied Chemistry | 3(2-1) |
| ENG-321 | Functional English | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(1-2) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| MET-301 | Technical Drawings | 3(1-2) |
| Semester 2 | | |
| MET-302 | Electrical Technology | 3(2-1) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| MTH-322 | Introduction to Calculus | 3(3-0) |
| MET-304 | Workshop Practice | 3(1-2) |
| MET-306 | Statics | 4(3-1) |
| Semester 3 | | |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| MET-401 | Fluid Flow Processes | 3(2-1) |
| MET-403 | Materials Technology | 3(2-1) |
| MET-405 | Dynamics | 4(3-1) |
| MET-407 | Thermodynamics for Technologists | 4(3-1) |
| Semester 4 | | |
| MET-402 | Basic Mechanics of Machines | 3(2-1) |
| MET-404 | Hydraulics Machinery | 3(2-1) |
| MET-406 | Industrial Thermal Utilities | 3(2-1) |
| MET-408 | Industrial Electronics Technology | 3(2-1) |
| MET-410 | Strength of Materials | 4(3-1) |
| Semester 5 | | |
| MET-501 | Design of Machine Elements | 3(2-1) |
| MET-503 | HVAC Technology | 4(3-1) |
| MET-505 | Inspection & Quality Control | 3(2-1) |
| MET-507 | Instrumentation Technology | 3(2-1) |
| MET-509 | Machining Technology – I | 3(2-1) |
| Semester 6 | | |
| MET-502 | Condition Monitoring and Maintenance | 3(2-1) |

| MET-504 | Heat and Mass Flow Processes | 4(3-1) |
|------------|-------------------------------|----------|
| MET-506 | Health Safety and Environment | 3(3-0) |
| MET-508 | IC Engine Operation | 4(3-1) |
| MET-510 | Manufacturing Technology | 3(2-1) |
| Semester 7 | | |
| MET-631-A | Project | 3(0-3) |
| MET-632-A | Internship * | 16(0-16) |
| Semester 8 | | |
| MET-631-B | Project | 3(0-3) |
| MET-632-B | Internship * | 16(0-16) |

* Performance for the Industrial Training internship will be assessed based on:

1. Industrial Trainer's Report (20%)
2. Industrial Training Advisor's report through visit or survey (10%)
3. Internship Report (50%)
4. Viva voce (20%)



Faculty of Islamic & Oriental Learning

1. Department of Islamic Studies & Arabic
2. Department of Persian
3. Department of Punjabi
4. Department of Urdu



Prof. Dr. Muhammad Ali (TI)
Dean

Ph: 041-9200670, 9203000

Email: vc@gcuf.edu.pk,

Prof. Dr. Muhammad Ali (Tamgha-e-Imtiaz), a renowned international name in the field of Biological Sciences has joined Government College University Faisalabad as its 4th Vice Chancellor. Recognizing his valuable achievements in the field of science and research, the Government of the Pakistan conferred upon him “Tamgha-e-Imtiaz”. He earned his PhD from University of Wales (UK) and Post-Doctoral work from MU Columbia, USA. Dr. Ali has vast experience in the domains of teaching, research, administration, planning & development and project management. With an academic experience of more than 26 years, he enjoys a strong research outlook with many PhD and MPhil students to his credit .

Department of Islamic Studies & Arabic

Phone: 041-9201559
041-9201292

Email: islamic.st@gcuf.edu.pk
arabic@gcuf.edu.pk



Programs Offered

- | | |
|--------------------------|-----------------|
| 1. BS Islamic Studies | 1. BS Arabic |
| 2. MA Islamic Studies | 2. MA Arabic |
| 3. MPhil Islamic Studies | 3. MPhil Arabic |
| 4. PhD Islamic Studies | 4. PhD Arabic |

Chairman: Dr. Ghulam Shams-ur-Rehman

Vision

To seek an advanced knowledge & understanding of classical and modern Islamic religious thoughts, Islamic textual traditions and to promote Arabic language and literature of the contemporary world among the students.

Mission

- To present Islam as a code of life based on the revealed knowledge of the Holy Quran & Sunnah.
- To engage students in exploring primary texts, history, global Muslim communities and the regional issues of the Islamic world.
- To enable the students to understand the classical literature and poetry of Arabic language.
- To prepare the students to understand, speak and write the Arabic language

Introduction

Govt. College University Faisalabad started its journey to deliver the education more than one hundred years ago. The subject of Islamic Studies was introduced in 1955-56 before the partition of subcontinent with the name "Deenayat" which was offered by Mr. M. Abdullah Kamil. Prof. Iftikhar Ahmad Chishti & Prof. Dr. Muhammad Ishaq Qurashi (a famous national personality) played an important role as pioneer of the Department. Later on, in 1985, the department of Islamic Studies was established. Since its establishment, the alumni of this department have been serving in the various institutions in country and abroad. Two research Journal "Zia-e-Tahqeeq" & Al-Ihsan (HEC Approved) have also been launched to highlight the intellectual efforts of the faculty members and students. Furthermore, "Seerah Chair" and Tasawwuf Study Centre" were established in this Department for promoting moral

values, harmony and peace in all spheres of Human life.

Arabic is an official language of the united nation and a major language of the Middle East and North Africa, spoken by 280 million people around the world. Arabic is the living medium of vibrant contemporary literature and culture. Arabic is also the language of Holy Quran and Islamic world, the need of billions world's people and has a significant influence as a religion and a civilization in the culture and politics of the world history and the globalised context of the Modern world. The department intends to take effective measures to expand the vision of the status of Arabic language in Pakistan on the following lines, The students will be made capable enough to have direct access to consult the original sources of Islamic sciences, Arabic language and literature

Faculty

Dr. Ghulam Shams-ur-rehman

Associate Professor

PhD Islamic Studies

Specialization: Sufism, contemporary Muslim socio-religious

Prof. Dr. Humayun Abbas

PhD Islamic Studies

Post Doc (Glasgow, U.K)

Specialization: Tafseer, Hadith & Seerah, Tasawwuf

**Dr. Sher Ali**

Assistant Professor
PhD Islamic Studies
Specialization: History of Islam, Tasawwuf

Dr. Muhammad Hamid Raza

Assistant Professor
PhD Islamic Studies (PU, Lahore)

Dr. Yasir Arfat Awan

Assistant Professor
PhD Islamic Studies (PU, Lahore)

Dr. Mahmood Ahmad Abdullah

Assistant Professor
PhD (PU, Lahore)
Specialization: Qur'anic & Hadith Studies, Arabic Grammar

Dr. Hamid Hamad

Assistant Professor
PhD Islamic Studies (PU, Lahore)
Specialization: Islamic Economics, Fiqh-ul-Hadith

Dr. Matloob Ahmad

Associate Professor
PhD Islamic Studies
Specialization: Islamic jurisprudence and Tasawwuf

Dr. Umar Hayat

Associate Professor
PhD Islamic Studies (Islamia University, Bahawalpur)
Specialization: Study of Civilization & Religion

Saima Ashraf

Lecturer
MPhil Islamic Studies (GCUF)

Zia-Ur-Rehman Zia

Lecturer (On Study Leave)
MPhil Islamic Studies

Sobia Nosheen

Lecturer (On Study Leave)
MPhil Islamic Studies (B.Z.U Multan)

Hafiz Muhammad Asghar

Lecturer
MPhil Islamic Studies (GCUF)

Muhammad Usman Siddique

Lecturer
MPhil Islamic Studies (GCUF)

Dr. Saba Noor

Research Officer
PhD Islamic Studies

Dr. Muhammad Saleem Ismail

Assistant Professor
PhD (PU, Lahore)

Dr. Iftikhar Ahmad Khan

Assistant Professor
PhD (PU, Lahore)

Dr. Ghulam Ahmad

Assistant Professor
PhD (GCUF)

Asif Ali Raza

Assistant Professor
MPhil Arabic (GCUF)

Dr. Muhammad Imran Anwar

Research Officer
PhD Arabic

Dr. Muhammad Saleem

Research Officer
PhD Arabic

Scheme of Studies BS Islamic Studies

| Semester 1 | | |
|------------|--|--------|
| ISL-301 | Introduction to Topics of Holy Quran-I | 3(3-0) |
| EDU-313 | Introduction to Education | 3(3-0) |
| PER-321 | Persian Language | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| ENG-321 | Functional English | 3(3-0) |
| STA-322 | Introduction to Statistical Theory-I | 3(3-0) |
| Semester 2 | | |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |

| ISL-304 | Introduction to Topics of Holy Quran-II | 3(3-0) |
|------------|--|--------|
| ISL-324 | Arabic Language-I | 3(3-0) |
| STA-323 | Introduction to Statistical Theory-II | 3(3-0) |
| ENG-322 | English Comprehensive & Composition | 3(3-0) |
| SOC-307 | Introduction to Sociology | 3(3-0) |
| Semester 3 | | |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| ISL-401 | Uloom-ul-Quran | 3(3-0) |
| ENG-421 | Communication Skills | 3(3-0) |
| HIS-423 | History of Ottoman | 3(3-0) |
| ISL-425 | Arabic Language-II | 3(3-0) |
| Semester 4 | | |
| ISL-402 | History and Compilation of Hadith | 3(3-0) |
| ISL-406 | Study of Islamic Fiqh | 3(3-0) |
| POL-406 | Introduction to International Relations | 3(3-0) |
| HIS-424 | History of Sub-Continent | 3(3-0) |
| ARB-426 | Arabic Poetry | 3(3-0) |
| ISL-408 | Islamic Literature in English | 3(3-0) |
| Semester 5 | | |
| ISL-501 | Study of Seerah of Holy Prophet | 3(3-0) |
| ISL-503 | History of Tafseer and its Principles | 3(3-0) |
| ISL-505 | Textual Study of Al-Quran-I | 3(3-0) |
| ISL-507 | Textual Study of Al-Hadith-I | 3(3-0) |
| ISL-509 | Textual Study of Muslim Family Law | 3(3-0) |
| Semester 6 | | |
| ISL-502 | Uloom-ul-Hadith | 3(3-0) |
| ISL-504 | History of Fiqh | 3(3-0) |
| ISL-506 | Textual Study of Al-Quran-II | 3(3-0) |
| ISL-508 | Fiqh-Al-Sunnah | 3(3-0) |
| ISL-510 | Study of Religions | 3(3-0) |
| ISL-514 | Methodology of Research in Islamic Studies | 3(3-0) |
| Semester 7 | | |
| ISL-601 | Fiqh-ul-Quran | 3(3-0) |
| ISL-603 | Usool-ul-Fiqh | 3(3-0) |
| ISL-607 | Akhlaq-o-Tasawwuf | 3(3-0) |
| ISL-609 | Modern Islamic world: Resources and Problems | 3(3-0) |
| ENG-611 | English for Employment | 3(3-0) |

| | | |
|---------------------------------------|---|--------|
| ISL-613 | Al-Dawah-wal-Irshad | 3(3-0) |
| Semester 8 | | |
| ISL-602 | Muslim Economical Thoughts | 3(3-0) |
| ISL-604 | Objectives and Philosophy of Shariah | 3(3-0) |
| ISL-606 | Study of Selected Interpretation of Compilation of Hadith | 3(3-0) |
| ISL-608 | History of Islamic Culture and Civilization | 3(3-0) |
| ISL-610 | Ethics of Disagreement | 3(3-0) |
| * ISL-630 | Thesis | 6(0-6) |
| * Two courses from optional OR Thesis | | |

MA Islamic Studies

| | | |
|-------------------|---|--------|
| Semester 1 | | |
| ISL-551 | Textual study of Al-Quran | 3(3-0) |
| ISL-553 | History of Al-Hadith and Its principles | 3(3-0) |
| ISL-555 | Arabic grammar | 3(3-0) |
| ISL-557 | Socio-Political thoughts of Islam | 3(3-0) |
| ISL-559 | Study of Seerah | 3(3-0) |
| Semester 2 | | |
| ISL-552 | History of Tafseer and its principles | 3(3-0) |
| ISL-554 | Textual study of Al-Hadith | 3(3-0) |
| ISL-556 | Arabic Literature | 3(3-0) |
| ISL-558 | History of Islam (Umayyad & abbasid) | 3(3-0) |
| ISL-560 | Muslim Economics Thoughts | 3(3-0) |
| ISL-562 | Research Methodology | 3(3-0) |
| Semester 3 | | |
| ISL-651 | History of Al-Fiqh and its principles | 3(3-0) |
| ISL-653 | Study of Religions-I (non-semitic) | 3(3-0) |
| ISL-655 | Islamic Akhlaq & Tasawwuf | 3(3-0) |
| ISL-661 | Islamic Banking | 3(3-0) |
| ISL-665 | Islam and Science OR Thesis (ISL-680) | 3(3-0) |
| Semester 4 | | |
| ISL-652 | Textual study of Al-Fiqh | 3(3-0) |
| ISL-654 | Study of Religions-II (semitic) | 3(3-0) |
| ISL-656 | History of Islam (Spain & Ottoman) | 3(3-0) |
| ISL-662 | Islamic Literature in English | 3(3-0) |
| *ISL-664 | Quranic education | 3(3-0) |

| | | |
|---------------------------------------|---------------------------|--------|
| *ISL-668 | International Islamic Law | 3(3-0) |
| *ISL-680 | Thesis | 6(0-6) |
| * Two courses from optional OR Thesis | | |

MPhil / PhD Islamic Studies

| | | |
|-------------------------------------|---|--------|
| Core Courses | | |
| *ISL-701 | Principles of research and editing | 3(3-0) |
| *ISL-702 | Methodological Principles and Foundations of Islamic Studies | 3(3-0) |
| *ISL-703 | Quranic Studies | 3(3-0) |
| *ISL-704 | Hadith Studies | 3(3-0) |
| *ISL-705 | Seerah Writing | 3(3-0) |
| *ISL-706 | Sources of Islamic studies | 3(3-0) |
| *ISL-707 | Islam and Oriental Research | 3(3-0) |
| *ISL-708 | Contemporary Ijtihadi Institutions | 3(3-0) |
| *ISL-709 | Muslim Thought of Sub-continent | 3(3-0) |
| *ISL-710 | Tasawwuf Studies | |
| *ISL-711 | Studies of Religious Literature | 3(3-0) |
| *ISL-712 | Translation Studies | 3(3-0) |
| ISL-713 | Research Methods of Social Sciences | 3(3-0) |
| ISL-714 | Orientalism and Occidentalism | 3(3-0) |
| ISL-715 | Tafsir Methodology | 3(3-0) |
| ISL-716 | Methods of Hadith Compilation | 3(3-0) |
| ISL-717 | Methods of Seerah Writing | 3(3-0) |
| ISL-718 | Research Methods, its scope and Introduction to the topic of Research | 3(3-0) |
| ISL-719 | Methods of Ijtihad | |
| ISL-720 | Study of Islamic Literature in English | 3(3-0) |
| ISL-721 | Methods of Tasawwuf | 3(3-0) |
| ISL-722 | Islam and Contemporary Civilization and Thoughts | 3(3-0) |
| Mandatory Requirements Mphil | | |
| ISL-728 | Seminar (General) | 1(0-1) |
| ISL-729 | Seminar (Research) | 1(0-1) |
| ISL-730 | Thesis | 6(0-6) |
| Mandatory Requirements PhD | | |
| ISL-758 | Seminar (General) | 1(0-1) |
| ISL-759 | Seminar (Research) | 1(0-1) |

| | | |
|---------------------|--------|--|
| ISL-760 | Thesis | |
| * Courses for MPhil | | |

Scheme of Studies BS Arabic

| | | |
|-------------------|--|--------|
| Semester 1 | | |
| ARB-303 | Basic Arabic Grammar | 3(3-0) |
| ENG-321 | Functional English | 3(3-0) |
| SOC-307 | Introduction to Sociology | 3(3-0) |
| POL-301 | Introduction to Political Science | 3(3-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| Semester 2 | | |
| ARB-310 | Functional Arabic (Listening) | 3(3-0) |
| MTH-322 | Introduction to Calculus | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| POL-406 | Introduction to International Relations | 3(3-0) |
| ECO-408 | Issues in Pakistan Economy | 3(3-0) |
| Semester 3 | | |
| ARB-401 | Functional Arabic - I (Speaking) | 3(3-0) |
| PSY-422 | Introduction to Psychology | 3(3-0) |
| ISL-501 | Study of Seerah of Holy Prophet | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| ENG-421 | Communication Skills | 3(3-0) |
| Semester 4 | | |
| ARB-402 | Arabic Composition & Dictation | 3(3-0) |
| ARB-404 | Applied Grammar | 3(3-0) |
| ARB-406 | Functional Arabic - III (Writing) | 3(3-0) |
| PER-507 | Pakistani Zubano ka Mutalia | 3(3-0) |
| ISL-608 | Akhlaq-o-Tasawaf | 3(3-0) |
| ENG-422 | Technical Writing | 3(3-0) |
| Semester 5 | | |
| ARB-501 | Arabic World | 3(3-0) |
| ARB-503 | Hadith Literature | 3(3-0) |
| ARB-505 | Quran Literature | 3(3-0) |
| ARB-507 | History of Arabic Literature- I (Ancient Period) | 3(3-0) |



| | | |
|-------------------|--|--------|
| ARB-509 | Translation - I (Theory) | 3(3-0) |
| Semester 6 | | |
| ARB-502 | Translation - II (Practical) | 3(3-0) |
| ARB-504 | History of Arabic | 3(3-0) |
| ARB-506 | Language History of Arabic Literature - II | 3(3-0) |
| ARB-508 | Classical Arabic Prose | 3(3-0) |
| ARB-510 | Modern Arabic Prose | 3(3-0) |
| ARB-512 | Classical Arabic Poetry | 3(3-0) |
| Semester 7 | | |
| ARB-601 | Criticism | 3(3-0) |
| ARB-603 | Introduction to Linguistics | 3(3-0) |
| ARB-605 | Modern Arabic Poetry | 3(3-0) |
| ARB-607 | Methodology of Research in Arabic | 3(3-0) |
| ARB-609 | Comparative Literature | 3(3-0) |
| ARB-611 | Rhetoric & Prosody | 3(3-0) |
| Semester 8 | | |
| ARB-630 | Thesis | 6(0-6) |
| ARB-604 | Arabic Literature in the subcontinent | 3(3-0) |
| ARB-606 | Arabic Media | 3(3-0) |
| ARB-608 | Arabic Literature in Spain | 3(3-0) |

MA Arabic

| | | |
|-------------------|-------------------------------|--------|
| Semester 1 | | |
| ARB-551 | Applied Morphology | 3(3-0) |
| ARB-553 | Written & Spoken Arabic | 3(3-0) |
| ARB-555 | Literary History of Arabs (I) | 3(3-0) |
| ARB-557 | Arabic Prose | 3(3-0) |
| ARB-663 | Islamic and Literary sources | 3(3-0) |
| ARB-651 | Functional Arabic-I | 3(3-0) |
| Semester 2 | | |
| ARB-552 | Applied Syntax | 3(3-0) |
| ARB-554 | Functional Arabic-II | 3(3-0) |
| ARB-556 | Literary History of Arabic II | 3(3-0) |
| ARB-558 | Arabic Prose II | 3(3-0) |
| ARB-560 | Principles of translation | 3(3-0) |
| ARB-562 | Arabic Poetry-(I) | 3(3-0) |
| Semester 3 | | |

| | | |
|---|---|--------|
| ARB-651 | Literary Study of Al-Quran | 3(3-0) |
| ARB-653 | Basics of Research Methodology & Editing | 3(3-0) |
| ARB-655 | Study of electronic and print media | 3(3-0) |
| ARB-661 | Arabic Poetry-II | 3(3-0) |
| ARB-657 | Study of Arabian world & its Culture | 3(3-0) |
| ARB-659 | Arabic Literature of Andalusia & Migrants | 3(3-0) |
| Semester 4 | | |
| ARB-652 | Literary Study of Al- Hadith | 3(3-0) |
| ARB-654 | Contemporary Arabic Literature | 3(3-0) |
| ARB-656 | History of Literary Criticism | 3(3-0) |
| ARB-658 | Arabic Literature in sub Continent | 3(3-0) |
| ARB-663 | History of Islam (Option I for non researchers) | 3(3-0) |
| ARB-660 | Linguistic (Option II for non researchers) | 3(3-0) |
| ARB-680 | Thesis | 6(0-6) |
| Student will take Two optional subjects OR Thesis | | |

MPhil / PhD Arabic

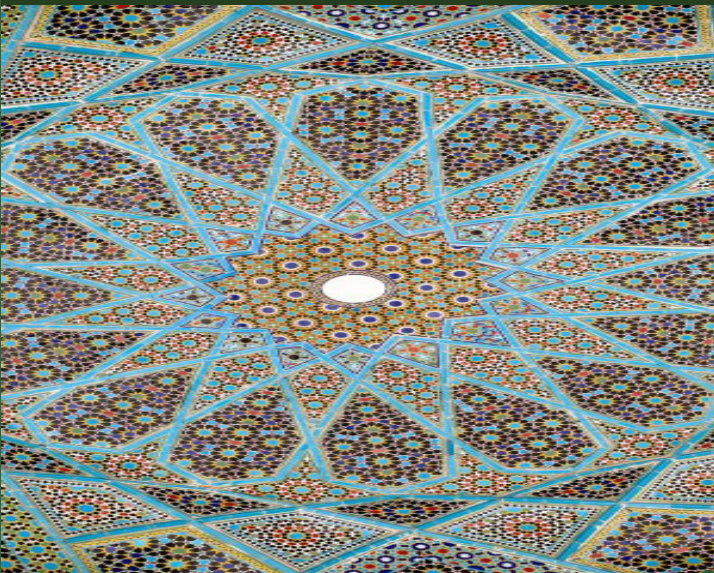
| | | |
|-------------------------------------|---|--------|
| ARB-701 | Methodology of research and editing | 3(3-0) |
| ARB-702 | Art of Translation | 3(3-0) |
| ARB-703 | Comparative Literature | 3(3-0) |
| ARB-704 | Arabic Rhetoric | 3(3-0) |
| ARB-705 | literary Criticism (ancient & modern) | 3(3-0) |
| ARB-706 | Arabic legacy in Pakistan | 3(3-0) |
| ARB-707 | Study of Primary Sources of Arabic Literature | 3(3-0) |
| ARB-708 | Methods of Literary Study | 3(3-0) |
| ARB-710 | Prosody | 3(3-0) |
| ARB-711 | Literary branches and their development | 3(3-0) |
| ARB-731 | Phonetics | 3(3-0) |
| ARB-732 | Contemporary Arabic literature | 3(3-0) |
| ARB-733 | Arabic Media | 3(3-0) |
| ARB-734 | New Trends in Arabic Literature | 3(3-0) |
| ARB-735 | Area Study | 3(3-0) |
| ARB-736 | Arabic rhetoric | 3(3-0) |
| ARB-737 | Contemporary critical school of thought | 3(3-0) |
| ARB-738 | Contemporary lingual issues | 3(3-0) |
| Mandatory Requirements Mphil | | |
| ARB-728 | Seminar (General) | 1(0-1) |

| | | |
|-----------------------------------|--------------------|--------|
| ARB-729 | Seminar (Research) | 1(0-1) |
| ARB-730 | Thesis | 6(0-6) |
| Mandatory Requirements PhD | | |
| ARB-758 | Seminar (General) | 1(0-1) |
| ARB-759 | Seminar (Research) | 1(0-1) |
| ARB-760 | Thesis | |



Department of Persian

Phone: 041-9200672
Email: persian@gcuf.edu.pk



Programs Offered

1. BS Persian
2. MA Persian
3. MPhil Persian
4. Diploma in Persian (6 Months)

Coordinator: Dr. Ghulam Akbar



Vission

To promot and spread Persian language that can act as a bridge between two countries Pakistan and Iran.

Mission

To revive the glory of Persian language which is a store house of immense literary and philosophical literature.

Introduction

Persian is spoken by 120 million people not just in Iran, but also in Afghanistan and Central Asia. Learning Persian language is not only a source of developing our relations with Iran, Afghanistan, Tajikistan and other Persian regional countries but also helps in fully understanding Urdu language, literature and Allama Iqbal's poetry. In addition, a great treasure of religious books is in Persian language and many other have been translated in Persian language. These books are an authority in religious and religious teachings too. The department of Persian is newly established in GCUF with a view to provide facilities for advanced studies and research in the fields of Persian language and literature with particular emphasis on the literature produced in the Indo-Pak subcontinent during the last nine centuries, and to familiarize the younger generation of this country with the history, language and literature of Iran.

Students of this Department continue to enter a variety of vocational fields, some of which are CSS, Advertising, Media, Banking, Business, Translation /Interpreting, Teaching, Educational Administration & Research, News agencies, Foreign Ministry, Central Asia Trading etc.

Faculty

Dr. Ghulam Akbar

Assistant Professor / Coordinator
PhD Persian

Specialization: Criticism, Research, Editing, Translation, Mysticism.

Dr. Sami Ullah

Assistant Professor
PhD Persian (Tehran)

Specialization: Critical Editing ,Criticism, Research, Translation, Rhetoric.

Dr. Muhammad Shah Khagga

Assistant Professor
PhD Persian (Punjab)

Specialization: Criticism, Research, Editing, Mysticism, Iqbal Study.





Scheme of Studies BS Persian

| Semester 1 | | |
|------------|--|--------|
| PER-301 | Farsi Nasam o Naser aur Dastoor | 3(3-0) |
| PER-303 | Farsi Nazar o Naser aur Alam e bayan | 3(3-0) |
| ENG-321 | Functional English | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| ECO-408 | Issues in Pakistan Economy | 3(3-0) |
| Semester 2 | | |
| PER-302 | Farsi Nazar o Naser aur Dastoor e Farsi | 3(3-0) |
| PER-304 | Farsi Nazar o Naser aur Alam e Badi | 3(3-0) |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| ARB-310 | Functional Arabic | 3(3-0) |
| Semester 3 | | |
| PER-401 | Iran mein classical farsi naser k irtaqa ka tanqadi jaiza | 3(3-0) |
| PER-403 | Iran mein classical farsi Shair ka irtaqa | 3(3-0) |
| PER-405 | Iranology | 3(3-0) |
| PER-407 | Iqbaliat | 3(3-0) |
| SOC-307 | Introduction to Sociology | 3(3-0) |
| Semester 4 | | |
| PER-402 | Dastoor pysharافتy zuban e Farsi | 3(3-0) |
| PER-404 | (Tarjma) urdu abarat ka Farsi mein tarjma | 3(3-0) |
| PER-406 | Barsageer mein Iran mein classical farsi naser k irtaqa ka tanqadi jaiza | 3(3-0) |
| PER-408 | Urdu aur Farsi k Lissani Rawabit | 3(3-0) |
| PER-410 | Irfani Matan | 3(3-0) |
| Semester 5 | | |
| PER-501 | Barsageer mein Iran mein classical farsi shairy ka irtaqa | 3(3-0) |
| PER-503 | Alam e bayan wa baddi wa maini | 3(3-0) |
| PER-505 | Tahqeq o naqid adabi | 3(3-0) |
| PER-507 | Pakistani Zubano ka Mutalia | 3(3-0) |
| PER-509 | Maktoobat-e-Imam Rabbani | 3(3-0) |
| Semester 6 | | |

| PER-502 | Iran mein farsi adab ky irtqa ka tanqdi jaiza | 3(3-0) |
|------------|--|---------|
| PER-504 | Iran mein tasswaf ky irtqa ka tanqdi jaiza | 3(3-0) |
| PER-506 | Jadeed Farsi naser k irtaqa ka tanqadi jaiza | 3(3-0) |
| PER-508 | Farsi Ghuftari | 3(3-0) |
| PER-510 | Sabaq Shanasi | 3(3-0) |
| PER-512 | Persian Literature in Punjab | 3(3-0) |
| Semester 7 | | |
| PER-601 | Barsageer mein tassawaf ka irtaqa | 3(3-0) |
| PER-603 | Jadeed Farsi shair k irtaqa ka tanqadi jaiza | 3(3-0) |
| PER-605 | Barsageer mein Farsi adab ky irtaqa ka tanqadi jaiza | 3(3-0) |
| PER-607 | Criticism | 3(3-0) |
| PER-609 | Persian Research Methodology | 3(3-0) |
| PER-611 | Comparative Study of Persian and Urdu Literature | 3(3-0) |
| Semester 8 | | |
| PER-602 | Mysticism | 3(3-0) |
| PER-604 | Rhetoric | 3(3-0) |
| PER-630 | Tahqeeqi Maqala | 6 (0-6) |

MA Persian

| Semester 1 | | |
|------------|---------------------------------|--------|
| PER-551 | Classical Prose-I | 3(3-0) |
| PER-553 | Classical Poetry -I | 3(3-0) |
| PER-555 | Literary History of Persia-I | 3(3-0) |
| PER-557 | Literary History of Indo-Pak-I | 3(3-0) |
| PER-559 | Iranology-I | 3(3-0) |
| PER-561 | Persian Grammar-I | 3(3-0) |
| PER-563 | Linguistics | 3(3-0) |
| Semester 2 | | |
| PER-552 | Classical Prose-II | 3(3-0) |
| PER-554 | Classical Poetry-II | 3(3-0) |
| PER-556 | Literary History of Persia-II | 3(3-0) |
| PER-558 | Literary History of Indo-Pak-II | 3(3-0) |
| PER-550 | Iranology-II | 3(3-0) |
| PER-552 | Persian Grammar-II | 3(3-0) |
| PER-554 | Persian Literature in Punjab | 3(3-0) |
| PER-556 | Religious Literature | 3(3-0) |

| Semester 3 | | |
|------------|--|--------|
| PER-651 | Modern Persian Literature-I | 3(3-0) |
| PER-653 | Iqbaliat-I | 3(3-0) |
| PER-655 | Mysticism-I | 3(3-0) |
| PER-657 | Comparative Study of Persian and Urdu Literature | 3(3-0) |
| PER-659 | Persian Research Methodology | 3(3-0) |
| PER-661 | Persian Manuscript Studies | 3(3-0) |
| PER-663 | Rhetoric | 3(3-0) |
| Semester 4 | | |
| PER-652 | Modern Persian Literature-II | 3(3-0) |
| PER-654 | Iqbaliat-II | 3(3-0) |
| PER-656 | Mysticism-II | 3(3-0) |
| PER-658 | Criticism | 3(3-0) |
| PER-660 | Persian Literary Sources | 3(3-0) |
| PER-662 | Comparative Study of Arabic and Persian Literature | 3(3-0) |
| PER-664 | Translation and Spoken Persian | 3(3-0) |

MPhil Persian

| PER-711 | Literary History of Persia | 3(3-0) |
|----------------------------------|--|--------|
| PER-712 | Classical & Modern Prose | 3(3-0) |
| PER-713 | Iqbaliyat | 3(3-0) |
| PER-714 | Research Methodology | 3(3-0) |
| PER-715 | Rhetoric, Translation & Spoken Persian | 3(3-0) |
| PER-716 | Historiography | 3(3-0) |
| PER-721 | Literary History of Sub-Continent | 3(3-0) |
| PER-722 | Classical & Modern Poetry | 3(3-0) |
| PER-723 | Persian Literary Criticism | 3(3-0) |
| PER-724 | Mysticism | 3(3-0) |
| PER-725 | Iranology | 3(3-0) |
| PER-726 | Linguistics | 3(3-0) |
| Mandatory Requirements for MPhil | | |
| PER-728 | Seminar (General) | 1(0-1) |
| PER-729 | Seminar (Research) | 1(0-1) |
| PER-730 | Tahqeeqi Maqala | 6(0-6) |

Department of Punjabi

Phone: 041-9200672
Email: punjabi@gcuf.edu.pk



Programs Offered

1. BS Punjabi
2. MA Punjabi
3. MPhil Punjabi

Coordinator: Dr. Asma Ghulam Rasool



Vision

To establish Punjabi Language, Literature and history as one of the oldest and richest literatures of the world favorably comparative with the literatures in other languages.

Mission

To promote Punjabi language and literature and highlight its rich history and diversity.

Introduction

Punjabi is a language of Sufis which imbibes the culture and values of its people. The department aspires to restore the Punjabi language and literature to its rightful place in academia and society. Punjabi is the language of millions of people of Punjab and a means of communication through which they perform and execute the business of their daily life. For centuries Punjabi has been a medium of expression of the saints and other great poets of this region. Therefore the structure of the Punjabi classical poetry is erected on the foundations of mysticism and high moral values. The great mystics like Baba Fareed GunjShakkar, Shah Hussain, Sultan Bahoo, Syed Bulhey Shah, Ali Haider, Syed Hashmin Shah, Syed Waris Shah, Maulvi Ghulam Rasool, Mian Muhammad Bukhsh and Khwaja Ghulam Fareed present their striking ideas in Punjabi poetic form for the worldly as well as the religious guidance of the people. Punjabi language does not only reflect the realities and attitudes of life but is also a great source of social, cultural and historical identity.

Faculty

Dr. Asma Ghulam Rasool
Assistant Professor / Incharge
PhD
Specialization: Poetry and Prose

Dr. Fiaz Maghyana
Assistant Professor
PhD
Specialization: Prose

Dr. Sobia Aslam
Assistant Professor (OPS)
PhD
Specialization: Poetry & Poetry

Scheme of Studies BS Punjabi

| Semester 1 | | |
|------------|--|--------|
| PUN-301 | Punjabi Bol Chaal | 3(3-0) |
| PUN-303 | Punjabi di Jadeed Nasar | 3(3-0) |
| ENG-321 | Functional English | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| Semester 2 | | |
| PUN-302 | Punjabi Lok Adab | 3(3-0) |
| PUN-304 | Punjabi Perrhai Likhai | 3(3-0) |



| | | |
|-------------------|---------------------------------------|--------|
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| PUN-306 | Sandal Bar da Nasri Adab | 3(3-0) |
| PUN-308 | Sandal Bar da Shairy Adab | 3(3-0) |
| Semester 3 | | |
| PUN-401 | Punjabi Immla tay Grammar | 3(3-0) |
| PUN-403 | Punjabi Da Deeni tay Seerati Adab | 3(3-0) |
| ENG-421 | Communication Skills | 3(3-0) |
| ECO-480 | Issues in Pakistan Economy | 3(3-0) |
| PER-408 | Farsi Adab ki Rawait | 3(3-0) |
| SOC-307 | Introduction to Sociology | 3(3-0) |
| Semester 4 | | |
| PUN-402 | Chonwan Lok Sinfan | 3(3-0) |
| PUN-404 | Jadeed Chonwan Punjab Adab | 3(3-0) |
| URD-701 | Urdu Adab | 3(3-0) |
| HIS-416 | Geografi Aloom | 3(3-0) |
| PUN-406 | Punjabi di Rizmiya Shairy | 3(3-0) |
| STA-321 | Introduction to Statistical Theory | 3(3-0) |
| Semester 5 | | |
| PUN-501 | Adbi Sinfan | 3(3-0) |
| PUN-503 | Qadeem Chonwan Punjabi Adab | 3(3-0) |
| PUN-505 | Classicy Shairy tay Tassawaf | 3(3-0) |
| PUN-507 | Jadeed Shairy | 3(3-0) |
| PUN-509 | Qisa Adab | 3(3-0) |
| Semester 6 | | |
| PUN-502 | Tarjama Kari | 3(3-0) |
| PUN-504 | Gurmukhi: Parrhai Likhai | 3(3-0) |
| PUN-506 | Punjabi Adab di Tarikh | 3(3-0) |
| PUN-508 | Qadeem Punjabi Nasar | 3(3-0) |
| PUN-510 | Punjabi Tanqeed | 3(3-0) |
| Semester 7 | | |
| PUN-601 | Khososi Mutalia: Waris Shah | 3(3-0) |
| PUN-603 | Asool Tahqeeq | 3(3-0) |
| PUN-605 | Punjabi Lisaniat | 3(3-0) |
| PUN-607 | Tarjama Kari (Arabic, Persian) | 3(3-0) |
| PUN-609 | Punjabi Lughat Navesi | 3(3-0) |

| Semester 8 | | |
|---|-----------------------------|--------|
| PUN-602 | Chonwan Aalami Adab | 3(3-0) |
| PUN-604 | Pakistani Zaban Da Adab | 3(3-0) |
| PUN-606 | Punjabi Sahafat | 3(3-0) |
| *PUN-608 | Hath Likhay tay Rasmul Khat | 3(3-0) |
| *PUN-610 | Hindustan da Punjabi Adab | 3(3-0) |
| PUN-630 | Thesis OR | 6(0-6) |
| PUN-631 | Project OR | 6(0-6) |
| PUN-632 | Internship | 6(0-6) |
| Those student who will take thesis/project/Internship take read course Code PUN-608 and PUN-610 | | |

MA Punjabi

| Semester 1 | | |
|-------------------|--|--------|
| PUN-551 | Jadeed Punjabi Nazam | 3(3-0) |
| PUN-553 | Punjabi De Jadeed Nasar | 3(3-0) |
| PUN-555 | Punjabi Wich Deni Adab | 3(3-0) |
| PUN-557 | Wa, Jangnama | 3(3-0) |
| PUN-559 | Tareekh Punjabi Zaban-O-Adab (Part-I) | 4(4-0) |
| Semester 2 | | |
| PUN-552 | Jadeed Punjabi Ghazal | 3(3-0) |
| PUN-554 | Punjabi Da Dastani Adab (Part-I) | 3(3-0) |
| PUN-556 | Punjabi Wich Serat Neghari | 3(3-0) |
| PUN-558 | Sahafat Tay Punjabi Sahafat | 4(4-0) |
| PUN-560 | Tareekh Punjabi Zaban-O-Adab (Part-II) | 4(4-0) |
| Semester 3 | | |
| PUN-651 | Tasawuf Tay Sofiana Shairi | 3(3-0) |
| PUN-653 | Pakistani Zabanaan Da Adab | 3(3-0) |
| PUN-655 | Nazri Tanqeed | 4(4-0) |
| PUN-657 | Punjabi Lisaniat | 4(4-0) |
| PUN-659 | Punjabi Da Dastani Adab (Part-II) | 4(4-0) |
| Semester 4 | | |
| PUN-652 | Khoj Tay Ehdaiy Asool | 4(4-0) |
| PUN-654 | Amlai Tanqeed | 4(4-0) |
| PUN-656 | Qaumi Tay Milli Adab | 4(4-0) |
| PUN-658 | Punjabi Tarjmay (Elective) | 3(3-0) |
| PUN-660 | Look Geet (Elective) | 3(3-0) |

| | | |
|---|----------------------------|--------|
| PUN-680 | Tehqeeqi Maqala (Elective) | 6(0-6) |
| Note: Those Students who will take thesis (Tehqeeqi Maqala), will not Read Course codes PUN-658 & PUN-660 | | |

MPhil Punjabi

| PUN-701 | Tehqiq day asool tay soomay | 3(3-0) |
|--|--------------------------------------|--------|
| PUN-702 | Sodhkari tay Ehdaiy Asool | 3(3-0) |
| PUN-703 | Faarsi Grammer tay Zuban | 3(3-0) |
| PUN-704 | Hath Likhay, Rasmulkhat, Gurmukhi | 3(3-0) |
| PUN-705 | Punjabi Zuban di Grammer tay jarran | 3(3-0) |
| PUN-706 | Punjabi Lissaniat/Punjabi Sotiat | 3(3-0) |
| PUN-707 | Punjabi wich Tanqeed | 3(3-0) |
| PUN-708 | Punjabi Adab wich Tarjmay di rawaiat | 3(3-0) |
| Mandatory Requirement for MPhil | | |
| PUN-728 | Seminar (General) | 1(0-1) |
| PUN-729 | Seminar (Research) | 1(0-1) |
| PUN-730 | Tehqiqi Maqala | 6(0-6) |



Department of Urdu

Phone: 041-9200672
Email: urdu@gcuf.edu.pk



Programs Offered

1. BS Urdu
2. MA Urdu
3. MPhil Urdu
4. PhD Urdu

Chairman: Dr. Muhammad Asif Awan

Vision

To promote and develop Urdu language and literature.

Mission

To engage the student in Urdu to make it a

Urdu language has become a craze all over the world and it has connected us with the literary tradition and great works of cross cultural literary studies plus new critical theories, prevalent in the modern literature. This vision of the Department is being worked upon by implementing that frame of policies guide us to this direction.

Introduction

The department of Urdu in GCUF was established in 1963 at post graduate level and very illuminating teacher Mr. Manzoor Hussain Shoar became its first chairman and academic leader. After attaining the status of University, Professor Ishfaq Hussain Bukhari became the first Chairman of the department of Urdu. The department introduced its MPhil programme in addition to its regular master programme. The MPhil programme was started on 2004 and PhD programme started on 2009. The department has recently started BS Urdu four years programmes in 2010. The Department has designed various new courses, like, Computer Literacy, translation, communication skills and script writing. The department is making every effort to encourage and nourish creative talent as well as research aptitude of students. A Journal of Research 'Zuban-o-Adab' is being published by the department according to the parameters

of HEC. Biannual literary magazine of the department reflects also its endeavor to develop creative talents of our youth. Since 2006 the department has been publishing its Research Journal "Zuban-o-Adab" which has got wide recognition and approved by HEC in 2011. In order to have better introduction the Department has Six International Conferences and Seminars as under:

- First International Conference on "Urdu Tehqiq-o-Tanqeed Aalmi Tanazur Mein" held on 29th to 31st August 2006.
- International Seminar on the topic of "QaumiTashkhus Main Zabano-Adab Aur Saqafat kakirdar" held on March 7, 2008.
- International Seminar Ghalib held on March 27, 2008,
- National Seminar on Faiz Ahmed Faiz held on February 16, 2009.
- Faiz Ahmed Faiz International Conference on 3 November, 2011.
- AllamaIqbal International Conference 28 to 30 November, 2012.

Faculty

Dr. Muhammad Asif Awan

Professor / Chairperson
PhD

Specialization: Iqbal Studies, Modern Criticism & Prose

Dr. Perveen Akhtar Kallu

Associate Professor
PhD

Specialization: Research & Fiction Translation, Punjabi Language & Literature

**Dr. Saeed Ahmad**

Associate Professor
PhD
Specialization: Criticism, Classical & Modern Poetry

Dr. Rabia Sarfraz

Associate Professor
PhD
Specialization: Translation, Iqbal studies, Criticism

Dr. Shabbir Ahmad Qadri

Associate Professor
PhD
Specialization: Research, Classical Poetry, Fiction

Dr. Afzal Hameed

Associate Professor
PhD
Specialization: Iqbal Studies, Fiction and Modern Studies

Dr. Tariq Mehmood Hashmi

Assistant Professor
PhD
Specialization: Criticism of Poetry & Modern Trends

Dr. Zafar Hussain Harral

Assistant Professor
PhD (Osaka University Japan)
Specialization: Modern Criticism & Fiction

Dr. Mamuna Subhani

Assistant Professor
PhD
Specialization: Research & Fiction

Mr. Majid Mushtaq

Lecturer
MPhil
Specialization: Translation, Fiction & Poetry

Ms. Saima Iqbal

Lecturer
MPhil
Specialization: Modern Criticism, Fiction & Editing

Hafiz Abdul Aziz

Lecturer
MPhil
Specialization: Modern Criticism, Fiction & editing

Ms. Sumera Akber

MPhil
Lecturer

Scheme of Studies

BS Urdu

| Semester 1 | | |
|------------|---|--------|
| URD-301 | Urdu Zaban: Tashkil-O-Ertiqā | 3(3-0) |
| URD-303 | Urdu Zaban: Qawaid-O-Imlā | 3(3-0) |
| ENG-321 | Functional English | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| SOC-307 | Introduction to Sociology | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| Semester 2 | | |
| URD-302 | Shairy Asnaf: Taaruf Aur Tafheem-I | 3(3-0) |
| URD-304 | Bayan-O-Badee-O-Arooz | 3(3-0) |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| STA-321 | Introduction to Statistical Theory | 3(3-0) |
| *URD-306 | Falsafa | 3(3-0) |
| *URD-308 | Muslim Tehzeeb-O-Saqafat | 3(3-0) |
| *URD-310 | Jadeed Fikri Mubahis | 3(3-0) |
| | * Any one from optional | |
| Semester 3 | | |
| URD-401 | Nasri Asnaf: Taaruf Aur Tafheem | 3(3-0) |
| URD-403 | Shairy Asnaf: Taaruf Aur Tafheem - II | 3(3-0) |
| URD-405 | Adbi Istalahat | 3(3-0) |
| ENG-421 | Communication Skills | 3(3-0) |
| ECO-408 | Issues in Pakistan Economy | 3(3-0) |
| PER-408 | Urdu Aur Farsi K Lissani Rawabat | 3(3-0) |
| URD-407 | Almi Klasic K Trajim | 3(3-0) |
| URD-606 | Urdu Adab ka Maroof Kridaar | |
| Semester 4 | | |
| URD-402 | Nasri Asnaf: Taaruf Aur Tafheem – II | 3(3-0) |
| URD-404 | Inshai-O-Rasmi Naser Aur Terjama Nighari-Amlī Terbiat | 3(3-0) |

| URD-406 | Tehqeeq-O-Tanqeed:Bunjadi Mubahis | 3(3-0) |
|------------|---|--------|
| PUN-414 | Punjabi Adab | 3(3-0) |
| HIS-416 | Geografi Aloom | 3(3-0) |
| URD-408 | Maholiyat | 3(3-0) |
| URD-609 | Urdu Adab ka Tanisi Mutalea | 3(3-0) |
| Semester 5 | | |
| URD-501 | Urdu Dastan Aur Nawal: Fikry Aur Fanny Mubahis | 3(3-0) |
| URD-503 | Tarikh-E-Adab-E-Urdu Aur Adbi Tehreekin | 3(3-0) |
| URD-505 | Urdu Ghazel Ka Fikry-O-Fanny Mutalia | 3(3-0) |
| Semester 6 | | |
| URD-502 | Urdu Afsana Aur Drama: Fikry Aur Fanny Mutla | 3(3-0) |
| URD-504 | Bisvin Sadi Mein Nawal Ka Irtiqā Aur Us K Fikry-O-Fanny Mubahis | 3(3-0) |
| URD-506 | Urdu Nazam: Fikry Aur Fanny Mutaila | 3(3-0) |
| Semester 7 | | |
| URD-601 | Lisaniyat | 3(3-0) |
| URD-603 | Asool-E- Tehqeeq-O-Tadveen | 3(3-0) |
| *URD-605 | Urdu Fiction Main Tarikhi-O-Tehzeebi Shaor | 3(3-0) |
| *URD-607 | Jadeed Urdu Azam Ka Fikry o Fanny Mutalia-Haiytt, Muzoo'at Aur Asaleeb K Hawaly Say | 3(3-0) |
| *URD-609 | Urdu Adab Ka Taneesi Mutla | 3(3-0) |
| *URD-611 | Urdu Adab K Maroof Aur Ahim Kerdar | 3(3-0) |
| *URD-613 | Urdu Fiction Ka Mabaad-UI-Tabiati Mutla | 3(3-0) |
| *URD-615 | Jadeed Urdu Ghazal Ka Asloobi Mutalia-Lehja, Alamat Aur Amijry K Hawaly Say | 3(3-0) |
| | * Any two optional will be selected | |
| Semester 8 | | |
| URD-602 | Nay Tanqeedi Mubahis | 3(3-0) |
| URD-604 | Iqbal Ka Khasusi Mutla(Fikry-O-Fanny Mutla Aur Tashreeh Mata) | 3(3-0) |
| URD-606 | Urdu Nasr K Asaleeb: Mezah, Safernama, App Biti,Fanny-O-Fikry Aur Aslobiati Mutaili | 3(3-0) |
| *URD-608 | Urdu Adab K Nay Mrakiz-Qumi Aur Banul Aqwami | 3(3-0) |
| *URD-610 | Adab Aur Samggi Aloom | 3(3-0) |
| *URD-612 | Adab Aur Ablagiyat | 3(3-0) |
| *URD-614 | Faroogy Urdu K Ahim Idary | 3(3-0) |
| *URD-616 | Adbi Tawarikh Ka Taqabli Mutla | 3(3-0) |

| | | |
|-----------|--|--------|
| *URD-618 | Urdu Adab Ka Maa'baad Nauabadyiati Mutla | 3(3-0) |
| **URD-680 | Thesis | 6(0-6) |
| | * Any two from optional OR ** Research Thesis | |

MA Urdu

| Semester 1 | | |
|-------------------------|--|--------|
| URD-551 | Tarikh-E-Zabano Adab Urdu Part-I | 4(4-0) |
| URD-553 | Urdu Shairy Kalasiki Ahed Mein Part-I | 4(4-0) |
| URD-555 | Asaleeb-E-Nasr-E-Urdu Part-I | 3(3-0) |
| URD-557 | Afsanvi Adab Part-I | 3(3-0) |
| *URD-559 | Asool-O- Masail Talafuzo Imla | 2(2-0) |
| *URD-565 | Terjuma-Asulo Fun | 2(2-0) |
| ENG-421 | Communication Skills | 3(3-0) |
| * Any one from optional | | |
| Semester 2 | | |
| URD-552 | Tarikh-E-Zabano Adab Urdu Part-II | 4(4-0) |
| URD-554 | Urdu Shairy Kalasiki Ahed Mein Part-II | 4(4-0) |
| URD-556 | Asalibe Aser Urdu Part-II | 3(3-0) |
| URD-558 | Afsavi Adab Part-II | 3(3-0) |
| *URD-562 | Hali-O-Akbar Ka Khasosi Mutla | 2(2-0) |
| *URD-566 | Almi Klasik-Taarifi Mutla | 2(2-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| ENG-422 | Technical Writing | 3(3-0) |
| * Any one from optional | | |
| Semester 3 | | |
| URD-651 | Tanqeed (Asuli Mubahis Aur Amlī Tanqeed) | 4(4-0) |
| URD-653 | Iqbal Ka Khasosi Mutaila | 4(4-0) |
| URD-655 | Asool-E-Tehqeeqo Tadveen | 3(3-0) |
| URD-657 | Urdu Shair-O-Adab-Maasir Manzar Nama | 3(3-0) |
| *URD-661 | Farsi Zaban o Adab | 3(3-0) |
| *URD-665 | Ghalib Ka Khasosi Mutla | 3(3-0) |
| * Any one from optional | | |
| Semester 4 | | |
| URD-652 | Tanqeed (Mashraqi-O-Maghrabi) | 4(4-0) |
| URD-654 | Iqbal Ka Khasosi Mutla Part-II | 4(4-0) |
| URD-656 | Sahafat-O-Terjama Aur Ishtihar Sazi | 4(4-0) |

| | | |
|-----------|--|--------|
| *URD-658 | Faisalabad Davision Mein Shair-O-Adab Ki Ravaiat | 3(3-0) |
| *URD-660 | Urdu K Adbi Jaraid Ki Ravait Ka Mutla | 3(3-0) |
| **URD-680 | Thesis | 6(0-6) |
| | * Two optional OR ** Thesis | |

MPhil / PhD Urdu

| *URD-701 | Asool-E-Tehqeeq-O-Tadveen | 3(3-0) |
|----------------------------------|---|--------|
| *URD-702 | Iqbaliat | 3(3-0) |
| *URD-703 | Lisaniat | 3(3-0) |
| URD-704 | Terjima Asool-O- Masail | 2(2-0) |
| URD-705 | Tanqeed Aur Amlī Tanqeed | 3(3-0) |
| *URD-706 | Jadeed Tanqeed | 3(3-0) |
| URD-707 | Ilm-E-Mani, Bian, Bاده, Arooz | 3(3-0) |
| URD-708 | Farsi Zaban-O-Adab Ka Mutala | 2(2-0) |
| URD-709 | Pakistani Media Taaruf-O-Irtiqā | 2(2-0) |
| URD-710 | Arbi Zaban-O-Adab | 2(2-0) |
| **URD-711 | Tehqeed K Almi Rujhanat Aur Urdu Tehqeeq Ma Un Ka Istemal | 3(3-0) |
| **URD-712 | Fikri Mubahis: Janoobi Asia Aur Urdu Zaban-O- Adab Per Un K Asrat | 3(3-0) |
| URD-713 | Urdu Zaban-O-Adab Per Un Ka Mahol: Lisani-O-Saqfti Mubahis | 2(2-0) |
| **URD-714 | Tehqiqi Meyar K Masail | 3(3-0) |
| **URD-715 | Taqabli Tehqiqat: Meyari Tadveen K Misali Namoono | 3(3-0) |
| URD-716 | Urdu Adabi Jaraid | 2(2-0) |
| URD-717 | Taqabli Mutale: Urdu, Arabi, Farsi, Angrezi Adbiat | 2(2-0) |
| URD-718 | Pakistani Urdu Ghazal | 2(2-0) |
| URD-719 | Pakistani Urdu Nazm | 2(2-0) |
| URD-720 | Pakistani Urdu Afsana | 2(2-0) |
| URD-721 | Pakistani Urdu Naval | 2(2-0) |
| URD-722 | Muntkhab Matoon Nazm-O- Nasar: Tafheem-O-Tadveen | 2(2-0) |
| Mandatory Requirements for MPhil | | |
| URD-728 | Seminar (General) | 1(0-1) |
| URD-729 | Seminar (Research) | 1(0-1) |

| URD-730 | Thesis | 6(0-6) |
|---|--------------------|--------|
| Mandatory Requirements for PhD | | |
| URD-758 | Seminar (General) | 1(0-1) |
| URD-759 | Seminar (Research) | 1(0-1) |
| URD-760 | Thesis | --- |
| * Core Courses for MPhil ** Core Courses for PhD | | |



Faculty of Economics & Management Sciences

1. College of Commerce
2. Department of Economics
3. Lyallpur Business School (LBS)
4. Department of Public Administration



Prof. Dr. Hazoor Muhammad Sabir
Dean

Ph: 041-9200431

Email: hmsabir@gcuf.edu.pk

Prof. Dr. Hazoor Muhammad Sabir, Dean, Faculty of Management & Administrative Sciences, started his career in 1990 as Research Officer in University of Agriculture, Faisalabad. Worked as Head of the Department of Business Administration, University of Faisalabad, then served Government College University, Faisalabad as Principal, College of Management & Administrative Sciences, Lastly promoted to the position of Dean, Faculty of Management & Administrative Sciences. As an approved supervisor of HEC, has produced so many MPhil / MS and PhD scholars in the disciplines of Economics, Business and Finance.

College of Commerce

Phone: 041-9239219

Email: commerce@gcuf.edu.pk



Programs Offered

1. BS Commerce
2. MCom
3. MPhil Commerce

Incharge: Dr. Mohsin Bashir

Vision

To produce commerce professionals with strong theoretical and practical knowledge of the field and to enable them to be successful managers for both public and private sectors.

Mission

Commerce is the backbone of any business concern in today's world of cut throat competition in the volatile business environment, the role of commerce professionals has become highly demanding and challenging. The need of the hour is to groom professionals equipped with thorough knowledge and practical tools to deal with the prevailing situation with novelty of ideas and to enable them to make choices and decisions using system approaches. The College aims to promote research in business and market to predict the emerging business trends thus ensuring a meaningful contribution to the Pakistani economy.

Faculty

Dr. Mohsin Bashir

Assistant Professor
PhD (Business Administration) China
Specialization: Human Resource Management

Dr. Khalid Latif

Assistant Professor
PhD (Finance) IIUI
Specialization: Accounting & Finance.

Ms. Sabeen Masood

Lecturer (Gold Medalist)
MS (Business Administration) NUML
Specialization: Human Resource Management

Mr. Mian Muhammad Niaz Shakir

Lecturer
MPhil (Management Sciences) LLU
Specialization: Management

Dr. Qaiser Ijaz

Lecturer
PhD (HRM) Malaysia.
Specialization: Human Resource Management

Mr. Sanaullah

Lecturer
MS (Management Sciences) NUML
PIPFA, APA, LLB.
Specialization: Law & Management

Mr. Muhammad Adnan Afzal

Lecturer
MPhil (Finance)
Specialization: Accounting & Finance

Mr. Raheel Mumtaz

Lecturer (On Study Leave)
PhD Scholar COMSATS
Specialization: Finance

**Mr. Muhammad Farooq Rehan**

Lecturer (On Study Leave)
PhD Scholar Germany
Specialization: Entrepreneurship

Mr. Khalid Hussain

Lecturer
MCom(H) PU
Specialization: Accounting & Finance

Mr. Gohar Mahmood

Lecturer
MPhil BZU
Specialization: Accounting & Finance

Mr. Khurram Ashfaq

Lecturer
PhD Scholar China
Specialization: Accounting

Mr. Shoaib Masood Khan

Lecturer (On Study Leave)
PhD Scholar BZU
Specialization: Finance

Ms. Khadija Zulfiquar

Lecturer
MPhil (Economics) UAF
Specialization: Economics

Scheme of Studies BS Commerce

| Semester 1 | | |
|------------|--|--------|
| COM-301 | Principles of Accounting | 3(3-0) |
| COM-303 | Introduction to Business | 3(3-0) |
| ECO-301 | Principals of Micro Economics | 3(3-0) |
| ENG-321 | Functional English | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| MTH-306 | Business Mathematics | 3(3-0) |
| Semester 2 | | |
| COM-302 | Financial Accounting | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| ECO-302 | Principals of Macro Economics | 3(3-0) |

| ENG-421 | Communication Skills | 3(3-0) |
|------------|---|--------|
| STA-322 | Introduction to Statistical Theory I | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| Semester 3 | | |
| COM-401 | Advanced Accounting-I | 3(3-0) |
| COM-403 | Business Law | 3(3-0) |
| COM-405 | Introduction to Business Finance | 3(3-0) |
| ENG-422 | Technical Writing | 3(3-0) |
| COM-409 | Logic and critical thinking | 3(3-0) |
| ECO-408 | Issues in Pakistan Economy | 3(3-0) |
| Semester 4 | | |
| COM-402 | Advanced Accounting-II | 3(3-0) |
| COM-406 | Cost Accounting | 3(3-0) |
| COM-412 | Principles of Management | 3(3-0) |
| COM-414 | Accounting Information System | 3(3-0) |
| SOC-521 | Business Sociology | 3(3-0) |
| STA-323 | Introduction to Statistical Theory II | 3(3-0) |
| Semester 5 | | |
| MKT-401 | Principles of Marketing | 3(3-0) |
| COM-505 | Financial Management | 3(3-0) |
| COM-507 | Research Methods in Business | 3(3-0) |
| COM-509 | Business Ethics and CSR | 3(3-0) |
| COM-511 | Leadership and Community Development | 3(3-0) |
| ECO-512 | Managerial Economics | 3(3-0) |
| Semester 6 | | |
| COM-506 | Managerial Accounting | 3(3-0) |
| MGT-404 | Human Resource Management | 3(3-0) |
| COM-514 | Principles of Auditing | 3(3-0) |
| PSY-421 | Business Psychology | 3(3-0) |
| COM-518 | Corporate Law and secretarial practices | 3(3-0) |
| COM-520 | Corporate Governance | 3(3-0) |
| Semester 7 | | |
| MGT-602 | Strategic Management | 3(3-0) |
| COM-603 | Business Taxation | 3(3-0) |
| COM-605 | E-Commerce | 3(3-0) |
| COM- | * Elective-1 | 3(3-0) |
| COM- | * Elective-2 | 3(3-0) |

| Semester 8 | | |
|---|--------------------------------------|--------|
| COM-602 | Entrepreneurship and SME Management | 3(3-0) |
| COM-604 | International Business | 3(3-0) |
| COM- | * Elective-3 | 3(3-0) |
| COM- | * Elective-4 | 3(3-0) |
| COM-630 | Project | 6(0-6) |
| Field of Specialization | | |
| Accounting | | |
| COM-611 | Financial Reporting | 3(3-0) |
| COM-612 | Industrial Accounting | 3(3-0) |
| COM-613 | Advance Auditing Problems | 3(3-0) |
| COM-614 | Cost Accounting for Selected Sectors | 3(3-0) |
| COM-615 | Advance Auditing Problems | 3(3-0) |
| COM-616 | Government Accounting | |
| Finance | | |
| COM-618 | Investment and Portfolio Management | 3(3-0) |
| COM-619 | International Finance | 3(3-0) |
| COM-620 | Financial Modeling | 3(3-0) |
| COM-621 | Corporate Finance | 3(3-0) |
| COM-622 | Islamic Banking and Finance | 3(3-0) |
| COM-623 | Risk Management | 3(3-0) |
| COM-624 | Analysis of Financial Statements | 3(3-0) |
| COM-625 | Financial Markets and Institutions | 3(3-0) |
| * Student will opt 4 Elective courses from any one group. | | |

MCom

| Semester 1 | | |
|------------|-------------------------------------|--------|
| MGT-401 | Principles of Management | 3(3-0) |
| MKT-401 | Principles of Marketing | 3(3-0) |
| COM-555 | Accounting for Decision making | 3(3-0) |
| COM-557 | Research Methods in Business | 3(3-0) |
| COM-559 | Taxation; Theory and Practice | 3(3-0) |
| ECO-512 | Managerial Economics | 3(3-0) |
| Semester 2 | | |
| COM-552 | Financial Management | 3(3-0) |
| COM-554 | Management Accounting | 3(3-0) |
| COM-556 | Quantitative Techniques in Business | 3(3-0) |

| | | |
|--|-------------------------------------|--------|
| MGT-404 | Human Resource Management | 3(3-0) |
| MGT-406 | Organizational Behavior | 3(3-0) |
| COM-562 | Corporate Governance | 3(3-0) |
| Semester 3 | | |
| COM-651 | Financial Statement Analysis | 3(3-0) |
| COM-653 | Operation & Production Management | 3(3-0) |
| COM-655 | Management Information System | 3(3-0) |
| COM-657 | Computerized Accounting | 3(3-0) |
| COM- | * Elective-1 | 3(3-0) |
| COM- | * Elective-2 | 3(3-0) |
| Semester 4 | | |
| COM-652 | Entrepreneurship | 3(3-0) |
| COM-654 | International Business | 3(3-0) |
| MGT-602 | Strategic Management | 3(3-0) |
| COM- | Elective-3 | 3(3-0) |
| COM- | Elective-4 | 3(3-0) |
| COM-631 | Internship Report | 3(0-3) |
| Field of Specialization | | |
| Accounting | | |
| COM-658 | Financial Reporting | 3(3-0) |
| COM-659 | Government Accounting | 3(3-0) |
| COM-660 | Advanced Financial Reporting | 3(3-0) |
| COM-661 | Industrial Accounting | 3(3-0) |
| COM-662 | Advance Auditing Problems | 3(3-0) |
| Finance | | |
| COM-663 | Investment and Portfolio Management | |
| COM-664 | Project Management | 3(3-0) |
| COM-665 | International Finance | 3(3-0) |
| COM-666 | Financial Modeling | 3(3-0) |
| COM-667 | Corporate Finance | 3(3-0) |
| COM-668 | Islamic Banking and Finance | 3(3-0) |
| * Student will opt two Elective courses from any one group in each semester. | | |

MPhil Commerce

| | | |
|---|--|--------|
| Core Courses | | |
| COM-701 | Advance Research Methods and Techniques | 3(3-0) |
| ECO-703 | Econometrics: Theory and Practices | 3(3-0) |
| COM- | * Elective-I | 3(3-0) |
| COM- | * Elective-II | 3(3-0) |
| COM-700 | Advanced Corporate Accounting/Reporting | 3(3-0) |
| ECO-706 | Applied Econometrics | 3(3-0) |
| COM- | * Elective-III | 3(3-0) |
| COM- | * Elective-IV | 3(3-0) |
| COM-728 | Seminar (General) | 1(0-1) |
| COM-730 | Thesis | 6(0-6) |
| FIELD OF SPECIALIZATION | | |
| Accounting and Finance | | |
| COM-705 | Financial Modeling | 3(3-0) |
| COM-706 | Financial Institutions and Markets | 3(3-0) |
| COM-707 | Advanced Financial Risk Management | 3(3-0) |
| COM-709 | Advance Auditing Issues | 3(3-0) |
| COM-710 | International Accounting | 3(3-0) |
| COM-717 | Advanced Management Accounting issues | 3(3-0) |
| COM-718 | Securities Analysis and Portfolio Management | 3(3-0) |
| COM-719 | Strategic Management Accounting Problems | 3(3-0) |
| COM-720 | Strategic Financial Management | 3(3-0) |
| COM-720 | Issues in Corporate Governance | 3(3-0) |
| Management and Entrepreneurship | | |
| COM-711 | Strategic Human Resource Management | 3(3-0) |
| COM-712 | Compensation and Performance Management | 3(3-0) |
| COM-713 | Organizational Behavior & leadership | 3(3-0) |
| COM-714 | Entrepreneurship and Business Development | 3(3-0) |
| COM-715 | Strategic Human Resources Management | 3(3-0) |
| COM-716 | Contemporary Issues in Business | 3(3-0) |
| * Student will opt 4 Elective courses from any one group. | | |



Department of Economics

Phone: 041-9201478
 Email: economics@gcuf.edu.pk
 sofia_eco@gcuf.edu.pk



Vision

To achieve broad and increasing recognition of the excellence of its programs among public and private institutions in the region and at international level; and to equip students with skills to implement theoretical and applied research work that will contribute to knowledge and resolve problems confronting the economy.

Mission

To enable the students to exercise their intellectual capacity, to acquire disciplinary knowledge and analytical skills, to value diversity in people and ideas, and to develop ethical decision making abilities. To produce quality economists that will play their constructive role in different public, private sector organizations, policy making, and research. The learning environment is distinguished by admission on merit only, highly accessible faculty, teamwork, and information technology-supported education. The economics faculty places an emphasis on excellence in teaching through continuous professional development in instruction, as well as, in applied and theoretical economic research. Currently, the Department is offering graduate and postgraduate degree programs viz-a-viz BS, MSc, MPhil and PhD.

Introduction

Economists deal with scarcity and choices. In a society where resources are limited and cannot meet the claims put upon it, economists suggest guidance for steering the economy to hit utmost desired goals utilizing limited means with a prime objective of social welfare in all decisions. Economic theory provides powerful and often surprising insights into individual

and social behaviors through providing a better understanding of a variety of contemporary issues.

The employment prospects for economists are very wide as the importance of economics is inevitable. Students who study economics here acquire problem solving skills that are valued by government and business employers, skills that can be used to examine a variety of economic policy issues e.g. problems of unemployment and inflation, policy and project evaluation, the impact of monopoly power and regulation, the impact of foreign trade, and public intervention to deal with social problems like environmental pollution. Our department is well-known for the excellence of its teaching and advising, with a strong reputation for producing innovative PhD graduates.

The Department of Economics has developed curricula to become competitive with the present day requirements. Formulation of policy alternatives by conducting solution oriented research to assist the decision makers for uniform growth and developing manpower in line with the demands of local and international markets are the priorities of the Department. In this context, the Department of Economics is playing a key role to fill the gap of availability of human resources that are required to improve the momentum of economic growth and eradicate socioeconomic evils.

Objectives

The general goal of the Department is to serve for the public good and to make the knowledge of Economics accessible. All the academic programmes i.e. BS, MSc MPhil and PhD of the Department of Economics have been carefully designed to fulfill the following objectives of the Department and the market demands.

- To offer quality programs that Maintain high academic



Programs Offered

1. BS Economics
2. MSc Economics
3. MPhil Economics
4. PhD Economics

Chairperson: Prof. Dr. Sofia Anwar

standards, include core components to foster critical thinking, communication, and commitment to lifelong learning.

- To provide the opportunity for higher education to students from diverse backgrounds.
- To assist students in developing, evaluating, and implementing employment decisions and plans by helping students to develop self-knowledge related to career choice and work preferences, providing educational and occupational information to guide students' career and educational planning.
- To develop their understanding of the world of work and linking students with alumni, employers, and professional organizations

In addition to imparting class room knowledge, department strives hard to engage students in research activities. Department has won many national and international projects in this regard. These projects are enhancing capacity building and providing employment opportunities to the students. Currently, three projects are running in the department. The project entitled *"Estimation of transport energy demand and development of future pathways for greener Pakistan"* under HEC NRPU 2017 was won by Prof. Dr. Sofia Anwar (PI) and Dr. Syed Asif Ali Naqvi (co-PI). In the 2018 NRPU by HEC Pakistan again a project entitled *"Socio-economic impacts of extreme weather events on the livelihood and adaptations to offset vulnerabilities for improving living standard in Punjab"* was won by Dr. Syed Asif Ali Naqvi (PI) and Dr. Sofia Anwar as co-PI. Department has the honor also to participate in an international project *"Strengthening Vegetable Value Chains in Pakistan (SVVSP) for greater community livelihood benefits (2018-2022)"* funded by Australian center for International Agricultural Research (ACIAR) Through CABI and UAF. In the Marketing team Dr. Sofia Anwar is working as Project Incharge -I along with Dr. Syed Asif Ali Naqvi and Dr. Abdul Majeed Nadeem as team members.



Faculty

Prof. Dr. Sofi a Anwar

PhD(Pak)
Professor / Chairperson
(HEC Approved PhD Supervisor)
Specialization: Econometrics, Macro Economics, Research Methodology

Dr. Zahoor Hussain Javed

PhD (Turkey)
Assistant Professor
Specialization: Monetary Policy

Dr. Muhammad Rizwan Yaseen

PhD(France)
Assistant Professor
(HEC Approved PhD Supervisor)
Specialization: Simulation and Food security

Dr. Muhammad Sohail Amjad Makhdum

PhD (Germany)
Assistant Professor
Specialization: Econometrics & Microeconomics

Dr. Syed Asif Ali Naqvi

PhD(Pak)
Assistant Professor
Specialization: Project Appraisal and climate change impacts

Dr. Abdul Majeed Nadeem

PhD (China)
Assistant Professor
Specialization: Agriculture and Environmental Economics

Ms. Asia Naseem

MPhil (Pak)
Lecturer (on PhD study leave)
Specialization: International Trade

Ms. Sadia Ali

MPhil (Pak)
Lecturer (on PhD study leave)
Specialization: Mathematical Economics

Mr. Qasim Ali

MPhil (Pak)
Lecturer
Specialization: Micro Economics

Ms. Saadia Narjis

MSc(Hons) (Pak)
Lecturer
Specialization: Agriculture Economics

Ms. Nazia Yasmin

MPhil (Pak)
Lecturer (on PhD study leave)
Specialization: Development Economics

Ms. Anam Shahzadi

MPhil (Pak)
Lecturer (on PhD study leave)
Specialization: Macro Economics, Econometrics

Ms. Anisa Shamim

MPhil (Pak)
Lecturer
Specialization: International Economics

Mr. Imran Qaisar

MPhil (Pak)
Lecturer (on PhD study leave)
Specialization: Computer Applications, Statistics, Efficiency Analysis

Mr. Muhammad Faraz Riaz

MPhil (Pak)
Lecturer (on PhD study leave)
Specialization: Econometrics and Mathematical Economics

Mr. Abdul Quddoos

MSc (Hons) (Pak)
Lecturer
Specialization: Mathematical Economics, Production Economics

Mr. Muhammad Umar Farooq

MPhil (Pak)
Lecturer (on PhD study leave)
Specialization: Monetary Economics

Mr. Muhammad Abubakar

BS (Hons) (Pak)
Teaching Assistant

Scheme of studies BS Economics

| 1st Semester | | |
|--------------|---|--------|
| ECO-301 | Principles of Micro Economics | 3(3-0) |
| ENG-321 | Functional English | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| CSI-321 | Introduction to computing applications | 3(2-1) |
| SOC-307 | Introduction to Sociology | 3(3-0) |
| Semester 2 | | |
| ECO-302 | Principles of Macro Economics | 3(3-0) |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| MTH-322 | Introduction to Calculus | 3(3-0) |
| GEO-305 | Economic Geography | 3(3-0) |
| MKT-401 | Principals of Marketing | 3(3-0) |
| Semester 3 | | |
| ECO-401 | Intermediate Micro Economics | 3(3-0) |
| ECO-403 | Agricultural Economics | 3(3-0) |
| ENG-421 | Communication Skills | 3(3-0) |
| STA-322 | Introduction to Statistical theory – I | 3(3-0) |
| COM-301 | Principals of accounting | 3(3-0) |
| MGT-401 | Principles of Management | 3(3-0) |
| Semester 4 | | |
| POL-406 | Introduction to International Relations | 3(3-0) |
| ECO-402 | Intermediate Macroeconomics | 3(3-0) |
| ECO-404 | World Economic History | 3(3-0) |
| ECO-406 | International Trade Theory | 3(3-0) |
| STA-323 | Introduction to Statistical theory – II | 3(3-0) |
| ECO-408 | Issues in Pakistan Economy | 3(3-0) |
| Semester 5 | | |
| ECO-501 | Microeconomic theory | 3(3-0) |
| ECO-503 | Macroeconomics theory | 3(3-0) |
| ECO-505 | Mathematical Economics I | 3(3-0) |
| ECO-507 | Population Economics | 3(3-0) |
| ECO-509 | International Finance | 3(3-0) |
| ECO-511 | Health Economics | 3(3-0) |

| Semester 6 | | |
|------------|--|--------|
| ECO-502 | Development Economics | 3(3-0) |
| ECO-504 | Econometrics I | 3(3-0) |
| ECO-506 | Mathematical Economics II | 3(3-0) |
| ECO-508 | Environmental and Natural Resource Economics | 3(3-0) |
| ECO-510 | General Equilibrium and Welfare Economics | 3(3-0) |
| ECO-512 | Managerial Economics | 3(3-0) |
| Semester 7 | | |
| ECO-601 | Research Methodology | 3(3-0) |
| ECO-603 | Public Sector Economics | 3(3-0) |
| ECO-605 | Econometrics-II | 3(3-0) |
| ECO-607 | Project Appraisal and Investment Analysis | 3(3-0) |
| ECO-609 | Labor Economics | 3(3-0) |
| ECO-611 | Energy economics | 3(3-0) |
| Semester 8 | | |
| ECO-602 | Institutional Economics | 3(3-0) |
| ECO-604 | Islamic Economics | 3(3-0) |
| ECO-606 | Monetary Economics | 3(3-0) |
| ECO-631 | Project | 3(0-3) |

MSc Economics

| Semester 1 | | |
|------------|---|--------|
| ECO-551 | Microeconomics I | 3(3-0) |
| ECO-553 | Macroeconomics I | 3(3-0) |
| ECO-555 | Mathematical Economics I | 3(3-0) |
| ECO-557 | Economics Statistics | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| Semester 2 | | |
| ECO-552 | Microeconomics II | 3(3-0) |
| ECO-554 | Macroeconomics II | 3(3-0) |
| ECO-556 | Mathematical Economics II | 3(3-0) |
| ECO-558 | Statistical Inference and Decision Making | 3(3-0) |
| ECO-560 | Public Finance | 3(3-0) |
| ECO-562 | Monetary Economics | 3(3-0) |
| Semester 3 | | |
| ECO-651 | Islamic Economics | 3(3-0) |
| ECO-653 | Econometrics I | 3(3-0) |
| ECO-655 | Major Issues in Pakistan Economy | 3(3-0) |
| ECO-657 | Research Methodology | 3(3-0) |
| ECO-659 | Environmental Economics | 3(3-0) |
| Semester 4 | | |
| ECO-652 | Development Economics | 3(3-0) |
| ECO-654 | International Economics | 3(3-0) |
| ECO-656 | Econometrics II | 3(3-0) |
| ECO-658 | Computer Applications in Quantitative Analysis in Economics | 3(3-0) |
| ECO-662 | Agricultural Economics | 3(3-0) |
| ECO-664 | Managerial Economics | 3(3-0) |



MPhil / PhD Economics

| | | |
|---|--|--------|
| *ECO-701 | Microeconomic Analysis | 3(3-0) |
| *ECO-702 | Macroeconomic Analysis | 3(3-0) |
| *ECO-703 | Econometrics: Theory and practices | 3(3-0) |
| *ECO-704 | Research Methodology | 3(3-0) |
| **ECO-705 | Advanced Microeconomic Theory | 3(3-0) |
| **ECO-706 | Advanced Macroeconomic Theory | 3(3-0) |
| ECO-707 | Applied Econometrics | 3(3-0) |
| ECO-708 | Policy Analysis | 3(3-0) |
| ECO-709 | International Trade | 3(3-0) |
| ECO-710 | Production Economics | 3(3-0) |
| ECO-711 | Advanced Econometrics | 3(3-0) |
| ECO-712 | Advanced Development Economics | 3(3-0) |
| ECO-713 | Advanced Monetary Economics | 3(3-0) |
| ECO-714 | Advanced Resource and Environmental Economics | 3(3-0) |
| ECO-715 | Economic Analysis and Evaluation of Development Projects | 3(3-0) |
| ECO-716 | Computer Application for Social Sciences | 3(3-0) |
| ECO-717 | Advanced Research Methodology | 3(3-0) |
| ECO-718 | Advanced welfare Economics | 3(3-0) |
| ECO-719 | Advanced Labor Economics | 3(3-0) |
| ECO-720 | Mathematical Economics | 3(3-0) |
| Mandatory Requirements for MPhil | | |
| ECO-728 | Seminar (General) | 1(0-1) |
| ECO-729 | Seminar (Research) | 1(0-1) |
| ECO-730 | Thesis | 6(0-6) |
| Mandatory Requirements for PhD | | |
| ECO-758 | Seminar (General) | 1(0-1) |
| ECO-759 | Seminar (Research) | 1(0-1) |
| ECO-760 | Thesis | |
| *Core courses for MPhil program; the students will have to take four core courses as and when offered by the department. | | |
| **Core courses for PhD students; the students will have to take three core courses as and when offered by the department. | | |
| For the optional courses in PhD , students will opt that course which he has not studied in his Mphil | | |



Lyallpur Business School (LBS)

Phone: 041-9203020

Email: directorlbs@gcuf.edu.pk



Vision

To be a leading business school in the region with visible presence, marked excellence and exclusive traditions aspires to transforming graduates into competent, dedicated and skilled business professionals.

Mission

To provide quality education to business graduates through inculcating in them the conceptual knowledge synergized with practical applications by utilizing the state-of-the-art equipment and infrastructure with experienced, trained and qualified faculty. The LBS is thriving to transform individuals into skilled professionals trimmed fine enough in catering to exclusive demand of top notch conglomerates and enabling them to contribute their drastic role in the development and prosperity of their families, society and overall country specifically.

Introduction

Since its inception, Lyallpur Business School is exerting painstaking efforts to build marked reputation for producing business graduates fully equipped with professional excellence and excelled moral values. At LBS, the students are inculcated knowledge and skills through exceptionally talented and experienced faculty enriched in generating ideas coupled with experiential learning, exposure to real time problems and hands on leadership/team work experiences synergized with foreign exposure. The outgoing graduates are enriched with pivotal urge to lead, eager to explore and design the practical

solutions to everyday business problems/ opportunities. The prime focus of all programs at LBS is to groom the graduates into responsible personalities powered with devotion, practical and methodological skills and persistent enthusiasm towards goal accomplishments. The LBS management is very keen towards both co-curricular and extra-curricular initiatives/ activities and in order to accomplish it, a great emphasis is laid on conducting professional seminars, workshops and academic simulations throughout the semester. All offered programs at LBS are compatible to the guidelines and standards set by Higher Education Commission and Government College University, Faisalabad. After getting education, the graduates are motivated and determined to contributing their part in the development and progress of society in specific and the overall country in general.

Bachelor of Business Administration (BBA)

The core aim of the BBA program is to impart basic as well as professional knowledge and technical knowhow among the young graduates. The whole curriculum is specifically designed as per the standards/ guidelines of Higher Education Commission. The faculty at LBS not only is keen to groom the young students into competent, skilled and industrious professional but also to develop their personalities into dutiful, responsible and sensible citizen of the society.

Programs Offered

1. BBA
2. BBS (2 Year)
3. Executive MBA
4. MBA 1.5 Year
5. MS Business Administration
6. PhD Business Administration

Director: **Dr. Muhammad Abrar**

Faculty

Prof. Dr. Hazoor Muhammad Sabir

Professor / Dean
PhD (UAF)

Dr. Muhammad Abrar

Associate Professor / Director
PhD Marketing (HUST.- P.R.China)

Dr. Safdar Husain Tahir

Associate Professor
PhD Finance (GCUF)

Dr. Muhammad Shahid Tufail

Assistant Professor / HOD
PhD Management (UoB-UK)

Dr. Muhammad Ishtiaq

Assistant Professor/ HOD
PhD Finance(UoB-UK)

Dr. Aamir Inam Bhutta

Assistant Professor
PhD Finance (UNIROMA2-Italy)

Dr. Bashir Ahmad

Assistant Professor
PhD Management (ITU-Turkey)

Dr. Faiq Mahmood

Assistant Professor
PhD Finance (HUST-P.R.China)

Dr. Jahanzeb Sultan

Assistant Professor
PhD Finance (WUT-P.R.China)

Dr. Masood Nawaz Kalyar

Assistant Professor
PhD Management Sciences (IU-Turkey)

Dr. Mohsin Bashir

Assistant Professor
PhD HRM (HUST.- P.R.China)

Dr. Muhammad Fayyaz Sheikh

Assistant Professor
PhD Finance (CIIT-ISB)

Dr. Muhammad Imdad Ullah

Assistant Professor
PhD Management (UUM-Malaysia)

Dr. Muhammad Waseem Bari

Assistant Professor
PhD HRM (BIT-P.R.China)

Dr. Rizwan Shabbir

Assistant Professor
PhD Marketing (HUST.- P.R.China)

Dr. Sadia Shaheen

Assistant Professor
PhD Management (CUST)

Dr. Sharjeel Saleem

Assistant Professor
PhD Management ((Univie- Austria)

Dr. Ahsan Riaz

Lecturer
PhD Finance (APU-Malaysia)

Dr. Rizwan Kamran

Lecturer
PhD Finance (USTC, P.R.CHINA)

Mr. Adnan Ashraf

Lecturer
MS Finance (PU)

Mr. Ahmad Sohail Khan

Lecturer
MS Marketing (ICBS)

Mr. Ahsan Zubair

Lecturer
MS Marketing (NUML)
MBA HRM (UCP)

Ms. Aisha Saleem

Lecturer
Mphil Economics (NCBA&E)

Ms. Ambreen Zainab

Lecturer
MS Management (UOL)

Mr. Arsalan Najeeb Khan

Lecturer
MBA Marketing (UCP)

Ms. Ayesha Attique

Lecturer
MCom Finance (UAF)

Ms. Ayesha Sharif

Lecturer
MBA Marketing (VU)

Ms. Ayesha Sohail

Lecturer
MS Management (VU)
MBA HRM (UCP)

Ms. Faiqa Kiran

Lecturer
PhD Scholar (NCBA& E)
MS Management (ICBS)

Mr. Fayyaz Ahmad

Lecturer
MS Engineering Management (NUST)

Ms. Ghazala Beenish

Lecturer
Mphil Accounting & Finance (KCWU)

Ms. Hadia Awan

Lecturer
MS Management (UET)

Ms. Irum Shahzadi

Lecturer
Mphil Business Administration

Mr. Muhammad Ashar

Lecturer
MS HRM (MAJU)

Mr. Muhammad Saleem

Lecturer
MS Finance (PU)

Ms. Rabia Sarfraz

Lecturer
MBA HRM (UCP)



Ms. Rafia Kazmi
Lecturer
MS Management

Ms. Riffit Gill
Lecturer
MS (NUML)

Mr. Salman Arshad
Lecturer
MS Management

Mr. Tayyab Kashif
Lecturer
MS Marketing (NUML)

Mr. Usama Anwar
Lecturer
MBA Marketing (IBA)

Mr. Azeem Ahmad Khan
Teaching Assistant
MBA Marketing

Mr. Furqan Mushtaq
Teaching Assistant
MBA Marketing

Mr. Hafiz Sohrab Ali
Teaching Assistant
MS Management

Mr. Syed Hassan Raza
Teaching Assistant
MS Finance (MAJU)

Mr. Yasir Ali
Teaching Assistant
MS Finance

Mr. Adnan Arshad
Lecturer(On PhD Study Leave)
MS Finance (CIIT-LHR)

Ms. Anum Nisar
Lecturer (On EOL)
MBA HRM & Marketing (UCP)

Mr. Asim Kahloon
Lecturer (On PhD Study Leave)
MBA (UCP)

Mr. Faisal Anees
Lecturer (On PhD Study Leave)
MS Finance (MAJU)

Mr. Hamad Raza Zaidi
Lecturer (On PhD Study Leave)
MBA Finance (UK)

Mr. Muhammad Sajid
Lecturer (On Study Leave)
MS Finance(AU)

Mr. Muhammad Salman Rasheed
Lecturer (On PhD Study Leave)

Mr. Muhammad Shahbaz
Lecturer (On PhD Study Leave)
MS Marketing

Mr. Qamar Ali
Lecturer (On PhD Study Leave)
MS (UMT)

Mr. Syed Ahmed Hassan Gillani
Lecturer (On PhD Study Leave)

Mr. Syed Hamad Hassan Shah
Lecturer (On PhD Study Leave)
MBA(QAU)

Mr. Usman Zafar
Lecturer (On PhD Study Leave)
MSBA (NCBA&E)

Mr. Waqas Safdar
Lecturer (On PhD Study Leave)
MBA Marketing & Finance (IBA)

Mr. Yasir Tanveer
Lecturer (On PhD Study Leave)

Scheme of Studies Bachelor of Business Administration (BBA)

| Semester 1 | | |
|------------|---|--------|
| FIN-301 | Financial Accounting-I | 3(3-0) |
| ECO-301 | Principles of Microeconomics | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| ENG-321 | Functional English | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| PSY-321 | Human Psychology | 3(3-0) |
| Semester 2 | | |
| FIN-302 | Financial Accounting-II | 3(3-0) |
| ECO-302 | Principles of Macroeconomics | 3(3-0) |
| MTH-306 | Business Mathematics | 3(3-0) |
| MGT-401 | Principles of Management | 3(3-0) |
| SOC-307 | Introduction to Sociology | 3(3-0) |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| Semester 3 | | |
| FIN-401 | Managerial Accounting | 3(3-0) |
| PST-321 | Pakistan Studies | 3(3-0) |
| STA-304 | Business Statistics | 3(3-0) |
| MKT-401 | Principles of Marketing | 3(3-0) |
| FIN-402 | Business Finance | 3(3-0) |
| ENG-407 | Oral Communication | 3(3-0) |
| Semester 4 | | |
| STA-401 | Statistical Inference | 3(3-0) |
| MGT-402 | Business Communication | 3(3-0) |
| MKT-402 | Marketing Management | 3(3-0) |
| MGT-404 | Human Resource Management | 3(3-0) |
| MGT-406 | Organizational Behavior | 3(3-0) |
| ENV-301 | Introduction to Environmental Sciences | 3(3-0) |
| Semester 5 | | |
| FIN- 501 | Financial Management | 3(3-0) |
| MGT-501 | Operations Management | 3(3-0) |
| MKT-501 | Consumer Behavior | 3(3-0) |
| MGT-503 | Business Ethics & Corporate Social Responsibility | 3(3-0) |

| | | |
|---|---|--------|
| MGT-505 | Industrial Safety & Risk Management | 3(3-0) |
| LAW - 513 | Business Law | 3(3-0) |
| Semester 6 | | |
| FIN-502 | International Business | 3(3-0) |
| MGT-502 | Information and Communication Technology | 3(3-0) |
| MGT-504 | Business Research Methods | 3(3-0) |
| MGT-506 | Language (Arabic/French/Chinese) | 3(3-0) |
| MKT-502 | International Relations and Current Affairs | 3(3-0) |
| ECO-512 | Managerial Economics | 3(3-0) |
| Semester 7 | | |
| ECO-408 | Issues in Pakistan Economy | 3(3-0) |
| MGT-601 | Entrepreneurship | 3(3-0) |
| MGT-603 | Quality Management Systems | 3(3-0) |
| | Specialization I | 3(3-0) |
| | Specialization II | 3(3-0) |
| Semester 8 | | |
| MGT-602 | Strategic Management | 3(3-0) |
| | Specialization III | 3(3-0) |
| | Specialization IV | 3(3-0) |
| | Specialization V | 3(3-0) |
| | Specialization VI OR (Business Project) | 3(3-0) |
| * Student will opt Elective courses from any one group. | | |

i- Banking and Finance

| | | |
|---------|------------------------------|--------|
| FIN-611 | Banking Law & Practices | 3(3-0) |
| FIN-612 | Islamic Banking | 3(3-0) |
| FIN-613 | Consumer Banking | 3(3-0) |
| FIN-614 | Banking Operation Management | 3(3-0) |
| FIN-615 | SME & Microfinance | 3(3-0) |
| FIN-616 | International Banking | 3(3-0) |
| FIN-617 | Investment Banking | 3(3-0) |
| FIN-618 | Corporate Finance | 3(3-0) |
| FIN-619 | Corporate Governance | 3(3-0) |
| FIN-620 | Financial Risk Management | 3(3-0) |
| FIN-621 | Money & Capital Market | 3(3-0) |
| FIN-622 | Financial Derivatives | 3(3-0) |
| FIN-623 | Financial Statement Analysis | 3(3-0) |

| | | |
|-----------|--|--------|
| FIN – 624 | Portfolio Management | 3(3-0) |
| FIN – 625 | International Trade & Foreign Exchange | 3(3-0) |

ii- Marketing

| | | |
|----------|---|--------|
| MKT- 610 | International Marketing | 3(3-0) |
| MKT- 611 | Brand Management | 3(3-0) |
| MKT- 612 | Retail Management | 3(3-0) |
| MKT- 613 | Services Marketing | 3(3-0) |
| MKT- 614 | Sales Management | 3(3-0) |
| MKT- 615 | Advertising Management | 3(3-0) |
| MKT- 617 | New Media Technology in Marketing | 3(3-0) |
| MKT- 618 | Pricing Strategies | 3(3-0) |
| MKT- 619 | Social Media Marketing | 3(3-0) |
| *MKT-620 | *Marketing Business Simulation (*Marketing Business Simulation course will be offered to the students, however, they will be required to pay international fee (if any) at their own.) | 3(3-0) |

iii- Supply Chain Management

| | | |
|----------|---|--------|
| MKT- 633 | Supply Chain Performance | 3(3-0) |
| MKT- 634 | Managing Sustainability in Supply Chains | 3(3-0) |
| MKT- 635 | Decision Models for SCM | 3(3-0) |
| MKT- 636 | Logistics Management | 3(3-0) |
| MKT- 637 | Procurement management | 3(3-0) |
| MKT- 638 | Transportation management | 3(3-0) |
| MKT- 639 | Warehousing Management | 3(3-0) |
| MKT- 640 | Routing management | 3(3-0) |
| MKT- 641 | Vendor Selection and Development | 3(3-0) |
| MKT- 642 | Inventory Management & Forecasting in Supply Chains | 3(3-0) |
| MKT- 643 | Supply Chain Risk Management | 3(3-0) |

iv- Human Resource Management

| | | |
|---------|--------------------------------------|--------|
| MGT-610 | Organizational Development | 3(3-0) |
| MGT-611 | Human Resource Development | 3(3-0) |
| MGT-612 | Cases in HRM | 3(3-0) |
| MGT-613 | Performance Management | 3(3-0) |
| MGT-614 | Essentials of Training & Development | 3(3-0) |
| MGT-615 | International HRM | 3(3-0) |
| MGT-616 | Reward and Compensation Management | 3(3-0) |
| MGT-617 | Conflict and Negotiation Management | 3(3-0) |

v- Industrial Management

| | | |
|---------|--------------------------------------|--------|
| MGT-621 | Principles of Industrial Engineering | 3(3-0) |
| MGT-622 | Production Planning and control | 3(3-0) |
| MGT-623 | Facility Planning and Layout | 3(3-0) |
| MGT-624 | Manufacturing System Analysis | 3(3-0) |
| MGT-625 | Project Management | 3(3-0) |

Bachelor of Business Studies (BBS)

| | | |
|-------------------|------------------------------|--------|
| Semester 1 | | |
| ECO-301 | Principles of Microeconomics | 3(3-0) |
| FIN-301 | Financial Accounting-I | 3(3-0) |
| STA-304 | Business Statistics | 3(2-1) |
| MTH-306 | Business Mathematics | 3(3-0) |
| MGT-401 | Principles of Management | 3(3-0) |
| Semester 2 | | |
| ECO-302 | Principles of Macroeconomics | 3(3-0) |
| FIN-302 | Financial Accounting-II | 3(3-0) |
| MKT-401 | Principles of Marketing | 3(3-0) |
| FIN-402 | Business Finance | 3(3-0) |
| MGT-402 | Business Communication | 3(3-0) |
| Semester 3 | | |
| FIN - 401 | Managerial Accounting | 3(3-0) |
| MKT-402 | Marketing Management | 3(3-0) |
| MGT-404 | Human Resource Management | 3(3-0) |
| MGT-406 | Organizational Behavior | 3(3-0) |
| FIN-501 | Financial Management | 3(3-0) |



Master of Business Administration 1.5 Years Degree Program

| Semester 4 | | |
|------------|--|--------|
| MKT-501 | Consumer Behavior | 3(3-0) |
| MGT-502 | Information and Communication Technology | 3(3-0) |
| MGT-504 | Business Research Methods | 3(3-0) |
| LAW-513 | Business Law | 3(3-0) |
| MGT-601 | Entrepreneurship | 3(3-0) |

Executive MBA

| Semester 1 | | |
|------------|--|---------|
| FIN-304 | Financial Accounting | 3 (3-0) |
| STA-304 | Business Statistics | 3 (3-0) |
| CSI-321 | Introduction to Computing Applications | 3 (2-1) |
| MGT-401 | Principles of Management | 3 (3-0) |
| MKT-401 | Principles of Marketing | 3 (3-0) |
| MGT-402 | Business Communication | 3 (3-0) |
| Semester 2 | | |
| FIN - 401 | Managerial Accounting | 3 (3-0) |
| MKT-402 | Marketing Management | 3 (3-0) |
| MGT-404 | Human Resource Management | 3 (3-0) |
| FIN – 402 | Business Finance | 3 (3-0) |
| MGT-504 | Business Research Methods | 3 (3-0) |
| Semester 3 | | |
| MGT-406 | Organizational Behavior | 3 (3-0) |
| MGT- 501 | Operations Management | 3 (3-0) |
| FIN-502 | International Business | 3 (3-0) |
| MKT-501 | Consumer Behavior | 3 (3-0) |
| MGT-601 | Entrepreneurship | 3 (3-0) |
| MGT-603 | Quality Management Systems | 3 (3-0) |
| Semester 4 | | |
| MGT-602 | Strategic Management | 3 (3-0) |
| MGT-613 | Performance Management | 3 (3-0) |
| MKT-613 | Services Marketing | 3 (3-0) |
| MKT-615 | Advertising Management | 3 (3-0) |
| FIN-623 | Financial Statement Analysis | 3 (3-0) |

| Semester 1 | | |
|---|-------------------------------------|--------|
| FIN-703 | Financial Reporting and Analysis | 3(3-0) |
| MGT-701 | Advanced Research Methods | 3(3-0) |
| MKT-701 | Strategic Marketing | 3(3-0) |
| MGT-703 | Strategic Human Resource Management | 3(3-0) |
| Semester 2 | | |
| FIN-701 | Strategic Finance | 3(3-0) |
| | Specialization I | 3(3-0) |
| | Specialization II | 3(3-0) |
| | Specialization III | 3(3-0) |
| Semester 3 | | |
| | Specialization IV | 3(3-0) |
| | Specialization V | 3(3-0) |
| | Specialization VI | 3(3-0) |
| * Student will opt Elective courses from any one group. | | |

* We are offering following four specializations.

i- Banking and Finance

| | | |
|---------|--|--------|
| FIN-711 | Credit Analysis & Investment Banking | 3(3-0) |
| FIN-712 | International Banking and Capital Markets | 3(3-0) |
| FIN-713 | Insurance Strategies and Policies | 3(3-0) |
| FIN-714 | Financial Derivatives | 3(3-0) |
| FIN-715 | Financial Systems and Prudential Regulations | 3(3-0) |
| FIN-716 | Financial Engineering | 3(3-0) |
| FIN-717 | Portfolio Management | 3(3-0) |
| FIN-718 | International Trade & Foreign Exchange | 3(3-0) |
| FIN-719 | Behavioral and Experimental Finance | 3(3-0) |
| FIN-720 | Financial Market and Institutions | 3(3-0) |
| FIN-721 | Corporate Governance | 3(3-0) |
| FIN-722 | Real Estate Finance | 3(3-0) |
| FIN-723 | Financial Risk Management | 3(3-0) |
| FIN-724 | Treasury and Fund Management | 3(3-0) |
| FIN-725 | Finance Theory | 3(3-0) |
| FIN-726 | Financial Modeling | 3(3-0) |
| FIN-727 | Financial Econometrics | 3(3-0) |

ii- Marketing

| | | |
|---------|---|--------|
| MKT-710 | Integrated Marketing Communications | 3(3-0) |
| MKT-711 | Marketing Research | 3(3-0) |
| MKT-712 | Seminar in Marketing | 3(3-0) |
| MKT-713 | Personal Selling | 3(3-0) |
| MKT-714 | Business to Business Marketing | 3(3-0) |
| MKT-715 | Societal Marketing | 3(3-0) |
| MKT-716 | New Product Development | 3(3-0) |
| MKT-717 | Supply Chain Management | 3(3-0) |
| MKT-718 | Cases in Marketing | 3(3-0) |
| MKT-719 | Intellectual Property Rights | 3(3-0) |
| MKT-720 | *Business Games / Strategy and Marketing Business Simulation (*Business Games will be offered to the students, however, they will be required to pay fee (if any) at their own.) | 3(3-0) |
| MGT-721 | Innovation Management | 3(3-0) |

iii- Human Resource Management

| | | |
|---------|--------------------------------------|--------|
| MGT-710 | Recruitment and selection | 3(3-0) |
| MGT-711 | Change Management | 3(3-0) |
| MGT-712 | Compensation and Reward Management | 3(3-0) |
| MGT-713 | Conflict and Negotiation Management | 3(3-0) |
| MGT-714 | Leadership | 3(3-0) |
| MGT-715 | Seminar in Human Resource Management | 3(3-0) |
| MGT-716 | Labor Laws | 3(3-0) |
| MGT-717 | Human Resource Development | 3(3-0) |
| MGT-718 | Knowledge Management | 3(3-0) |

iv- Industrial Management

| | | |
|---------|---|--------|
| MGT-731 | Industrial Solutions | 3(3-0) |
| MGT-732 | Energy and Environment | 3(3-0) |
| MGT-733 | Manufacturing process Design and Analysis | 3(3-0) |
| MGT-734 | Project Management | 3(3-0) |
| MGT-735 | Industrial Project | 3(3-0) |
| MGT-736 | Engineering Cost calculations | 3(3-0) |

MS Business Administration

| Semester 1 | | |
|------------|-------------------------------------|---------|
| FIN-701 | Strategic Finance | 3(3-0) |
| MGT-701 | Advanced Research Methods | 3(3-0) |
| MKT-701 | Strategic Marketing | 3(3-0) |
| MGT-703 | Strategic Human Resource Management | 3(3-0) |
| Semester 2 | | |
| | Specialization I | 3 (3-0) |
| | Specialization II | 3 (3-0) |
| | Specialization III | 3 (3-0) |
| | Specialization IV | 3 (3-0) |
| Semester 3 | | |
| BAM-728 | General Seminar | 1 (0-1) |
| BAM-729 | Research Seminar | 1 (0-1) |
| BAM-730 | Research and Thesis | 6 (0-6) |

* Student will opt Elective courses from any one group.

We are offering following three specialization

i- Banking and Finance

| | | |
|-----------|---|--------|
| FIN – 731 | Financial Systems and Prudential Regulations | 3(3-0) |
| FIN – 732 | Financial Engineering | 3(3-0) |
| FIN – 733 | Financial Market and Institutions | 3(3-0) |
| FIN – 734 | Issues in Financial Risk Management | 3(3-0) |
| FIN – 735 | Corporate Finance Theory | 3(3-0) |
| FIN – 736 | Econometrics Methods and applications | 3(3-0) |
| FIN – 737 | Insurance Management and Strategies | 3(3-0) |
| FIN – 738 | Mergers Acquisition & Corporation Restructuring | 3(3-0) |
| FIN – 739 | Issues in Islamic Banking | 3(3-0) |
| FIN – 740 | Issues in Corporate Finance | 3(3-0) |
| FIN – 741 | Financial Reporting & Business Valuation | 3(3-0) |
| FIN – 742 | Behavioral and Experimental Finance | 3(3-0) |
| FIN – 743 | Issues in Corporate Governance | 3(3-0) |
| FIN – 744 | Real Estate Finance | 3(3-0) |
| FIN – 745 | Financial Modeling and Analysis | 3(3-0) |

ii- Human Resource Management

| | | |
|---------|------------------------------------|--------|
| MGT-711 | Change Management | 3(3-0) |
| MGT-712 | Compensation and Reward Management | 3(3-0) |

| | | |
|---------|--------------------------------------|---------|
| MGT-713 | Conflict and Negotiation Management | 3(3-0) |
| MGT-714 | Leadership | 3(3-0) |
| MGT-719 | Learning Organizations | 3(3-0) |
| MGT-720 | Industrial/Organizational Psychology | 3 (3-0) |
| MGT-721 | Advances in HR Development | 3 (3-0) |
| MGT-722 | Performance Management and Appraisal | 3 (3-0) |

iii- Marketing

| | | |
|----------|---|---------|
| MKT- 710 | Integrated Marketing Communications | 3 (3-0) |
| MKT- 711 | Marketing Research | 3(3-0) |
| MKT- 721 | Innovation Management | 3(3-0) |
| MKT- 731 | Product Pricing Decisions: Concepts and Application | 3 (3-0) |
| MKT- 732 | Distribution Strategy and Supply Chain Management | 3 (3-0) |
| MKT- 733 | Customer Relationship Management | 3 (3-0) |
| MKT- 734 | Applied Corporate Brand Management | 3 (3-0) |
| MKT- 735 | Managing Products and Brands | 3 (3-0) |
| MKT- 736 | Special Topics in Marketing | 3 (3-0) |
| MKT- 737 | Issues in Services Marketing | 3 (3-0) |
| MKT- 738 | Digital Marketing and Social Media | 3 (3-0) |

PhD Business Administration

| | | |
|---------|--|--------|
| BAM-801 | Philosophy of Management Science | 3(3-0) |
| BAM-802 | Advanced Techniques in Quantitative Research | 3(3-0) |
| BAM-803 | Dynamics of Academic Writing | 3(3-0) |
| BAM-804 | Advanced Techniques in Qualitative Research | 3(3-0) |
| BAM-805 | Research Strategy and Design | 3(3-0) |
| | Elective Course - 1 | 3(3-0) |
| | Elective Course - 2 | 3(3-0) |
| | Elective Course - 3 | 3(3-0) |
| | Elective Course – 4 | 3(3-0) |
| BAM-758 | Seminar (General) | 1(0-1) |
| BAM-759 | Seminar (Research) | 1(0-1) |
| BAM-760 | Thesis | |

* Elective course are taken from any one of the following three groups

i- Human Resource Management

| | | |
|---------|---|---------|
| BAM-806 | Recruitment and Selection Issues | 3 (3-0) |
| BAM-807 | Dynamics of Learning and Development | 3 (3-0) |
| BAM-808 | Contemporary Issues in Performance Management | 3 (3-0) |
| BAM-809 | Challenges in Compensation Management | 3 (3-0) |
| BAM-810 | Strategic Reward Management | 3 (3-0) |
| BAM-811 | Human Resource Development Practices | 3 (3-0) |
| BAM-812 | Personality, Attitude and Behavior | 3 (3-0) |
| BAM-813 | Contemporary Theories in HRM | 3 (3-0) |
| BAM-814 | Dynamics of Leadership and Organizational Development | 3 (3-0) |

ii- Marketing

| | | |
|---------|--|---------|
| BAM-816 | Marketing Strategy and Management | 3 (3-0) |
| BAM-817 | Marketing Science Theory Construction | 3 (3-0) |
| BAM-820 | Behavioral Approaches to Decision Making and Negotiation | 3 (3-0) |
| BAM-821 | Brand and Product Management | 3 (3-0) |
| BAM-822 | Social Network Analysis (SNA) | 3 (3-0) |
| BAM-823 | Data Analytics for Marketing decisions | 3(3-0) |
| BAM-824 | Seminar in Services Marketing | 3(3-0) |
| BAM-825 | Issues in Marketing Communication | 3(3-0) |
| BAM-826 | Special Topics in Promotion Management | 3(3-0) |
| BAM-827 | Seminar in Innovation Management | 3(3-0) |

iii- Banking & Finance

| | | |
|-----------|---|---------|
| BAM – 828 | Emerging Issues in Financial Markets | 3 (3-0) |
| BAM – 829 | Financial Derivatives and Risk Management | 3 (3-0) |
| BAM – 830 | Issues in Real Estate Finance | 3 (3-0) |
| BAM – 831 | Issues in Behavioral Finance | 3 (3-0) |
| BAM – 832 | Empirical Corporate Finance | 3 (3-0) |
| BAM – 833 | Special Topics in Finance | 3 (3-0) |
| BAM – 834 | Financial Risk Management | 3 (3-0) |
| BAM – 835 | Issues in Banking | 3 (3-0) |
| BAM – 836 | Seminar in Corporate Governance | 3 (3-0) |

Department of Public Administration

Phone: 041-9203018
Email: pubadmin@gcuf.edu.pk



Vision

Developing conscientious and above board citizens having a passion, desire and thirst to serve the society.

Mission

To inculcate ideologies, norms and practices of administration among our learning community for achieving the idea of state.

Introduction

The Department of Public Administration is a dynamic association of scholars and pupils having a deep interest in improving the policy implementation in public sector organizations. As a discipline, it is often compared with Business Administration. In fact, it has the added advantage for the prospective students who will have extensive knowledge about effective and efficient methods for running public as well as private organizations after the completion of their respective programs.

Faculty

Dr. Arfan Ali
Incharge / Assistant Professor
PhD (China)

Mr. Muhammad Zia ud Din
Lecturer
MPhil (QAU)

Ms. Saira Solat
Lecturer
MS (NUML)

Mr. Syed Afraz Gilani
Lecturer (On Study Leave)
PhD Scholar

Ms. Uzma Waseem
Lecturer
MS (Public Administrator)

Mr. Bilal Hassan
Lecturer (on study leave)
PhD Scholar

Mr. Adeel Anjum
Lecturer, MS Marketing (TUF)

Ms. Samar Akbar
Lecturer, MPA (GCUF) (on study leave)

Mr. Bilal Shahid Cheema
Lecturer
MPhil (NDU)

Ms. Fiza Sabir
Lecturer
MSBA (NCBAE)

Mr. Abdul Sattar
Teaching Assistant
MS Finance (NUML)

MS. Riffat Noureen
Teaching Assistant
MBA (GCUF)

Programs Offered

1. BS Public Administration
2. Master Public Administration (MPA)
3. MS Public Administration

Incharge : Dr. Irfan Ali

Scheme of Studies BS Public Administration

| Semester 1 | | |
|------------|--|--------|
| ENG-321 | Functional English | 3(3-0) |
| CSI-321 | Introduction to Computing Application | 3(2-1) |
| BPA-301 | Introduction to Public Administration | 3(3-0) |
| ECO-301 | Principals of Microeconomics | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| Semester 2 | | |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| SOC-307 | Introduction to Sociology | 3(3-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| ECO-302 | Principals of Macroeconomics | 3(3-0) |
| MGT-401 | Principles of Management | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| Semester 3 | | |
| STA-322 | Introduction to Statistical Theory-1 | 3(3-0) |
| ENG-421 | Communication Skills | 3(3-0) |
| BPA-405 | Environmental Issues & Management | 3(3-0) |
| BPA-401 | Financial Accounting | 3(3-0) |
| BPA-403 | Administrative Ethics | 3(3-0) |
| PSY-305 | Introduction to Psychology | 3(3-0) |
| Semester 4 | | |
| ENG-422 | Technical Writing | 3(3-0) |
| MGT-406 | Organizational Behavior | 3(3-0) |
| HIS-305 | Politics & Administration | 3(3-0) |
| BPA-404 | Introduction to Public Policy | 3(3-0) |
| MKT-401 | Principles of Marketing | 3(3-0) |
| MGT-404 | Human Resource Management | 3(3-0) |
| Semester 5 | | |
| BPA-501 | Government & Society in Pakistan | 3(3-0) |
| BPA-507 | Principles of Public Finance | 3(3-0) |
| ECO-502 | Development Economics | 3(3-0) |
| STA-323 | Introduction to Statistical Theory-II | 3(3-0) |
| BPA-503 | Political & Constitutional Development in Pakistan | 3(3-0) |

| FIN-501 | Financial Management | 3(3-0) |
|------------|--|--------|
| Semester 6 | | |
| BPA-504 | Research Methods & Techniques | 3(3-0) |
| BPA-506 | Administrative Law & Accountability | 3(3-0) |
| POL-406 | Introduction to International Relations | 3(3-0) |
| BPA-502 | Decentralization & Governance | 3(3-0) |
| BPA-510 | Social Entrepreneurship | 3(3-0) |
| MGT-602 | Strategic Management | 3(3-0) |
| Semester 7 | | |
| MGT-611 | Human Resource Developments | 3(3-0) |
| BPA-606 | Industrial Relation and Labour Law | 3(3-0) |
| BPA-601 | Local and Electronic Government | 3(3-0) |
| BPA-602 | Public Sector Management | 3(3-0) |
| BPA-603 | Contemporary Issues of Public Admin in Pakistan | 3(3-0) |
| BPA-609 | Theories of Government and Public Administration | 3(3-0) |
| Semester 8 | | |
| BPA-607 | Media, Politics and Public Policy | 3(3-0) |
| BPA-608 | Economics For Public Policy | 3(3-0) |
| BPA-604 | Project Management | 3(3-0) |
| BPA-631 | Project | 6(0-6) |

Master in Public Administration

| Semester 1 | | |
|------------|--|--------|
| MPA-551 | Public Administration and Society | 3(3-0) |
| MPA-553 | Quantitative Techniques for Management | 3(3-0) |
| MGT-401 | Principles of Management | 3(3-0) |
| MPA-557 | Management Information System | 3(3-0) |
| MPA-559 | Financial Accounting | 3(3-0) |
| ECO-501 | Microeconomics Theory | 3(3-0) |
| Semester 2 | | |
| MGT-404 | Human Resource Management | 3(3-0) |
| MPA-554 | Financial Administration | 3(3-0) |
| MPA-556 | Public Administration in Pakistan | 3(3-0) |
| MPA-558 | Research Methods and Techniques | 3(3-0) |
| MKT-402 | Marketing Management | 3(3-0) |
| MPA-562 | International Marketing | 3(3-0) |

| Semester 3 | | |
|------------|---------------------------------------|--------|
| MPA-651 | Organizational Design & Behavior | 3(3-0) |
| MPA-653 | Comparative Public Administration | 3(3-0) |
| MPA-655 | Human Resource Development | 3(30) |
| MPA-657 | Performance & Compensation Management | 3(3-0) |
| MPA-659 | Project Management | 3(3-0) |
| MPA-661 | Taxation Management | 3(3-0) |
| Semester 4 | | |
| MPA-652 | Public Policy Analysis | 3(3-0) |
| MPA-654 | Total Quality Management | 3(3-0) |
| LAW-603 | Industrial Relation & Labour Law | 3(3-0) |
| MPA-656 | International HRM | 3(3-0) |
| MGT-602 | Strategic Management | 3(3-0) |
| ECO-664 | Managerial Economics | 3(3-0) |
| MPA-632 | Internship | 3(0-3) |

MS Public Administration

| Core Courses | | |
|-------------------------------|---|--------|
| MPA-701 | Governance, Public Administration & Development | 3(3-0) |
| MPA-702 | Organizational Theory & Public Management | 3(3-0) |
| MPA-703 | Comparative public policy | 3(3-0) |
| MPA-704 | Advanced Research Methods | 3(3-0) |
| ECO-703 | Econometrics: Theory and Practices | 3(3-0) |
| MPA-706 | Modern Public Management | 3(3-0) |
| MPA-707 | Strategic HRM | 3(3-0) |
| MPA-708 | Political Economy of Pakistan | 3(3-0) |
| MPA-709 | Multivariate Data Analysis | 3(3-0) |
| Mandatory Requirements for MS | | |
| MPA-728 | Seminar (General) | 1(0-1) |
| MPA-729 | Seminar (Research) | 1(0-1) |
| MPA-730 | Thesis | 6(0-6) |

Faculty of Pharmaceutical Sciences

- 1- Department of Pharmacology
- 2- Department of Pharmaceutics
- 3- Department of Pharmacy Practice
- 4- Department of Pharmacognosy
- 5- Department of Pharmaceutical Chemistry



Prof. Dr. Muhammad Ali (TI)
Dean

Ph: 041-9200670, 9203000
Email: vc@gcuf.edu.pk,

Prof. Dr. Muhammad Ali (Tamgha-e-Imtiaz), a renowned international name in the field of Biological Sciences has joined Government College University Faisalabad as its 4th Vice Chancellor. Recognizing his valuable achievements in the field of science and research, the Government of the Pakistan conferred upon him “Tamgha-e-Imtiaz”. He earned his PhD from University of Wales (UK) and Post-Doctoral work from MU Columbia, USA. Dr. Ali has vast experience in the domains of teaching, research, administration, planning & development and project management. With an academic experience of more than 26 years, he enjoys a strong research outlook with many PhD and MPhil students to his credit.

Faculty of Pharmaceutical Sciences

Phone: 041-9201036
Email: pharmacy@gcuf.edu.pk



Programs Offered

1. Doctor of Pharmacy (PharmD)
2. MPhil and PhD Pharmacology
3. MPhil and PhD Pharmaceutics



Vision

Faculty of Pharmaceutical Sciences is a national model for excellence in pharmacy education, research and services by providing contemporary curriculum, evidence based practice and state of the art research facilities to our students.

Mission

To develop future pharmacist who could better lead as educationist, regulatory affairs manager, researcher, industrial pharmacist, community, hospital and clinical practitioner in Pakistan and beyond.

Introduction

Pharmacy is a life saving healthcare profession. In recent times, paradigm shift in the national and international healthcare systems have fuelled desire to upgrade the medical services in a modern healthcare system. This concept has also revolutionized the service providing approach of the Pharmacy profession which has now developed into a multi-disciplinary profession. Currently, due to various health related issues there is need to develop new potent synthetic and biotech drugs as well as new drug delivery systems. This has substantially shifted the responsibility of Pharmacists towards appropriate use of modern medicines so as to ensure optimum drug therapy and protecting the public from associated adverse drug reactions. It is therefore necessary to prepare and groom Pharmacists for future professional responsibilities and challenges. The Department of Pharmacy was established in the GC University, Faisalabad in the year 2005. It was upgraded to College of Pharmacy in 2010

and Faculty of Pharmaceutical Sciences in 2014. The Faculty of Pharmaceutical Sciences is offering Pharm.D (5 years), Mphil and PhD in Pharmacology and Pharmaceutics degree programs.

Objectives

- Provide quality education to students, who shall meet pharmaceutical and clinical needs of society and the globe.
- Cultivate a conducive environment where faculty and students can carry out studies and research activities.
- Actively participate in healthcare related activities in Pakistan and worldwide.
- Understand how quality medicines are synthesized, developed, manufactured and delivered to patients in accordance with pharmaceutical knowledge, legislation and codes of professional conduct and practice.

Future Plans

In future, we are planning to start Mphil and PhD in Pharmaceutical Chemistry, Pharmacy Practice and Pharmacognosy.

Faculty

Department of Pharmacology

FACULTY

Dr. Malik Hassan Mehmood

Associate Professor / Teacher Incharge

PhD (Pharmacology)

Specialization: Pharmacology

**Dr. Uzma Saleem**

Assistant Professor
PhD (PU)
Specialization: Pharmacology

Dr. Muhammad Asif

Assistant Professor
PhD (USM, Malaysia)
Specialization: Pharmacology

Mr. Liaqat Hussain

Assistant Professor (on PhD study leave)
MPhil, (BZU)
Specialization: Pharmacology

Mr. Usman Arshad

Assistant Professor (on PhD study leave)
MPhil, (BZU)
Specialization: Pharmacology

Ms. Umber Saleem

Lecturer (On study Leave)
MPhil (UVAS)
Specialization: Pharmacology

Ms. Shumaila Mehdi

Lecturer
MPhil (IUB)
Specialization: Pharmacology

Mr. Muhammad Riaz

Lecturer
MPhil (UAF)
Specialization: Pharmacology

Ms. Ammara Saleem

Lecturer
MPhil (UVAS)
Specialization: Pharmacology

Ms. Humaira Gul

Research Officer
MPhil (GCUF)
Specialization: Pharmacology

Ms. Maryam Farrukh

Pharmacist
MPhil (GCUF)

Ms. Maria Mannan

Teaching Assistant
MPhil (GCUF),

Department of Pharmaceutics**FACULTY****Dr. Muhammad Irfan**

Assistant Professor
PhD (Germany), (On study leave)
Specialization: Pharmaceutics

Dr. Muhammad Naeem Aamir

Assistant Professor
PhD (IUB)
Specialization: Pharmaceutics

Dr. Akhtar Rasul

Assistant Professor
PhD (IUB),
Specialization: Pharmaceutics

Dr. Syed Haroon Khalid

Assistant Professor
PhD (Malaysia)
Specialization: Pharmaceutics

Dr. Ikram Ullah Khan

Assistant Professor
PhD (France)
Specialization: Pharmaceutics and drug delivery

Dr. Sajid Asghar

Assistant Professor
PhD (China)
Specialization: Pharmaceutics

Dr. Ikrima Khalid

Assistant Professor
PhD (IUB)
Specialization: Pharmaceutics

Mr. Muhammad Yasir Ali

Assistant Professor (on study leave)
MPhil, (IUB)
Specialization: Pharmaceutics

Ms. Sana Inam

Assistant Professor (on PhD study leave)
MPhil (GCUF)
Specialization: Pharmaceutics

Ms. Ayesha Sethi

Lecturer
MPhil (IUB)
Specialization: Pharmaceutics

Mr. Shams ul Hassan

Lecturer
MPhil (IUB)
Specialization: Pharmaceutics

Mr. Ghulam Abbas

Lecturer (On study Leave)
MPhil (GCUF)
Specialization: Pharmaceutics

Mr. Usman Saleem

Lecturer
MPhil (PU)
Specialization: Pharmaceutics

Ms. Aisha Quyyum

Pharmacist (on ex-Pakistan Leave)
Pharm.D (GCUF)

Ms. Rabia Munir

Demonstrator
MPhil (GCUF)

Department of Pharmacognosy**FACULTY****Dr. Muhammad Ajmal Shah**

Assistant Professor
PhD (Thailand)
Specialization: Pharmacognosy

Ms. Amna Parveen

Lecturer (On study Leave)
MPhil (GCUF)
Specialization: Pharmacognosy

Department of Pharmacy Practice

FACULTY

Dr. Tauqeer Hussain

Assistant Professor
PhD (Malaysia)
Specialization: Clinical Pharmacy Practice

Dr. Shahid Shah

Assistant Professor
PhD (Franch)
Specialization: Pharmacy Practice

Mr. Mohsin Ali

Assistant Professor (on study leave)
MPhil (GCUF)
Specialization: Clinical Pharmacy

Mr. Asif Massud

Lecturer (On study leave)
MPhil (BZU)
Specialization: Pharmaceutics

Ms. Saba Javed

Demonstrator
Pharm.D (UOS)

Ms. Zunera Ch.

Teaching Assistant
MPhil (GCUF)

Department of Pharmaceutical Chemistry

FACULTY

Dr. Muhammad Sajid Hamid Akash

Assistant Professor
PhD (ZJU China)
Specialization: Pharmaceutical Analysis

Dr. Noor Ul Amin Mohsin

Assistant Professor
PhD (Austria)
Specialization: Pharmaceutical Chemistry

Dr. Malik Saad Ullah

Assistan professor
PhD (BZU)
Specialization: Pharmaceutical Chemistry

Mr. Rizwan Rashid Bazmi

Lecturer
MPhil (BZU)
Specialization: Pharmaceutical Chemistry

Mr. Abid Mahmood

Lecturer
MPhil (BZU)
Specialization: Pharmaceutical Chemistry

Ms. Shahzadi Filza Hassan

Teaching Assistant
Pharm.D (UOS)

Scheme of Studies

Pharm-D

| Semester 1 | | |
|------------|---|--------|
| ENG-321 | Functional English | 2(2-0) |
| PHM-310 | Pharmaceutics-IA (Physical Pharmacy) | 4(3-1) |
| PHM -311 | Pharmaceutical Chemistry-IA (Organic) | 4(3-1) |
| PHM -312 | Pharmaceutical Chemistry-IIA (Biochemistry) | 4(3-1) |
| PHS-301 | Basic Physiology | 4(3-1) |
| AHP -301 | Basic and Applied Anatomy | 4(3-1) |
| Semester 2 | | |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| PHM-315 | Pharmaceutics-IB (Physical Pharmacy) | 4(3-1) |
| PHM- 316 | Pharmaceutical Chemistry-IB (Organic) | 4(3-1) |
| PHM -317 | Pharmaceutical Chemistry-IIB (Biochemistry) | 4(3-1) |
| PHS -302 | Applied Physiology | 4(3-1) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| Semester 3 | | |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| PHM-410 | Pharmaceutics-IIA (Dosage Form Science) | 4(3-1) |
| PHM-411 | Pharmaceutics-IIIA (Pharmaceutical Microbiology & Immunology) | 4(3-1) |
| PHM-412 | Pharmacology and Therapeutics-IA | 4(3-1) |
| PHM-413 | Pharmacognosy-IA (Basic) | 4(3-1) |
| PHM-414 | Pharmacy Practice-IA (Pharmaceutical Care) | 3(3-0) |
| Semester 4 | | |

| PST-403 | Pakistan Studies | 2(2-0) |
|------------|---|--------|
| PHM-415 | Pharmaceutics-IIB (Dosage Form Science) | 4(3-1) |
| PHM-416 | Pharmaceutics-IIIB (Pharmaceutical Microbiology & Immunology) | 4(3-1) |
| PHM-417 | Pharmacology and Therapeutics-IB | 4(3-1) |
| PHM-418 | Pharmacognosy-IB (Basic) | 4(3-1) |
| PHM-419 | Pharmacy Practice IB (Pharmaceutical Biostatistics) | 3(3-0) |
| Semester 5 | | |
| PHM-510 | Pharmacy Practice-IIA (Dispensing Pharmacy) | 4(3-1) |
| PHM-511 | Pharmaceutical Chemistry-IIIA (Pharmaceutical Analysis) | 4(3-1) |
| PHM-512 | Pharmacology and Therapeutics-IIA | 4(3-1) |
| PHM-513 | Pharmacognosy-IIA (Advanced) | 4(3-1) |
| AHP-302 | Pathology | 4(3-1) |
| ENG-422 | Technical Writing | 3(3-0) |
| Semester 6 | | |
| PHM-515 | Pharmacy Practice-IIB (Community, Social & Administrative Pharmacy) | 3(3-0) |
| PHM-516 | Pharmaceutical Chemistry-IIIB (Pharmaceutical Analysis) | 4(3-1) |
| PHM-517 | Pharmacology and Therapeutics-IIB | 4(3-1) |
| PHM-518 | Pharmacognosy-IIB (Advanced) | 4(3-1) |
| CSI-321 | Introduction to Computing Application | 3(2-1) |
| Semester 7 | | |
| PHM-610 | Pharmacy Practice-IVA (Hospital Pharmacy) | 3(3-0) |
| PHM-611 | Pharmacy Practice-VA (Clinical Pharmacy) | 4(3-1) |
| PHM-612 | Pharmaceutics-IVA (Industrial Pharmacy) | 4(3-1) |
| PHM-613 | Pharmaceutics-VA (Biopharmaceutic & Pharmacokinetics) | 4(3-1) |
| PHM-614 | Pharmaceutics-VIA (Pharmaceutical Quality Management) | 4(3-1) |
| Semester 8 | | |
| PHM-615 | Pharmacy Practice-IVB (Hospital Pharmacy) | 3(3-0) |
| PHM-616 | Pharmacy Practice-VB (Clinical Pharmacy) | 4(3-1) |
| PHM-617 | Pharmaceutics-IVB (Industrial Pharmacy) | 4(3-1) |
| PHM-618 | Pharmaceutics-VB (Biopharmaceutics & Pharmacokinetics) | 4(3-1) |
| PHM-619 | Pharmaceutics-VIB (Pharmaceutical Quality Management) | 4(3-1) |



| Semester 9 | | | |
|-------------|---|--------|--|
| PHM-710 | Pharmaceutics-VIIA (Pharmaceutical Technology) | 4(3-1) | |
| PHM-711 | Pharmacy Practice-VIA (Advanced Clinical Pharmacy-II) | 4(3-1) | |
| PHM-712 | Pharmacy Practice-VIIA (Forensic Pharmacy) | 3(3-0) | |
| PHM-713 | Pharmacy Practice-VIIIA (Pharmaceutical Management & Marketing) | 3(3-0) | |
| PHM-714 | Pharmaceutical Chemistry-IVA (Medicinal Chemistry) | 4(3-1) | |
| Semester 10 | | | |
| PHM-715 | Pharmaceutics- VIIB (Pharmaceutical Technology) | 4(3-1) | |
| PHM-716 | Pharmacy Practice-VIB (Advanced Clinical Pharmacy-II) | 4(3-1) | |
| PHM-717 | Pharmacy Practice-VIIB (Forensic Pharmacy) | 3(3-0) | |
| PHM-718 | Pharmacy Practice-VIIIB (Pharmaceutical Management & Marketing) | 3(3-0) | |
| PHM-719 | Pharmaceutical Chemistry-IVB (Medicinal Chemistry) | 4(3-1) | |

MPhil / PhD Pharmacology

| PCL- 701 | General Pharmacology | 3(3-0) |
|----------------------------------|---|--------|
| PCL-702 | Applied Pharmacology | 3(3-0) |
| PCL-703 | Biochemical and Molecular Pharmacology-I | 3(3-0) |
| PCL- 704 | Advanced Pharmacology | 3(3-0) |
| PCL-705 | Neuropharmacology | 3(3-0) |
| PCL-706 | Toxicology | 3(3-0) |
| PCL-707 | Biochemical Techniques in Pharmacology | 3(3-0) |
| PCL-708 | Battery of Pharmacological Test | 3(3-0) |
| PCL-709 | Toxicokinetic Studies & Metabolic Disorders | 3(3-0) |
| PCL-710 | Drug Screening Methods | 3(3-0) |
| PCL-711 | Ethnopharmacology | 3(3-0) |
| PCL-712 | Biochemical and Molecular Pharmacology-II | 3(3-0) |
| PCL-713 | Research Methodology | 3(3-0) |
| Mandatory Requirements for MPhil | | |
| STA-795 | Statistics for Research | 3(2-1) |
| PCL-728 | Seminar (General) | 1(0-1) |
| PCL-729 | Seminar (Research) | 1(0-1) |
| PCL-730 | Thesis | 6(0-6) |

| Mandatory Requirements for PhD | | |
|--------------------------------|-------------------------|--------|
| STA-795 | Statistics for Research | 3(2-1) |
| PCL-758 | Seminar (General) | 1(0-1) |
| PCL-759 | Seminar (Research) | 1(0-1) |
| PCL-760 | Thesis | --- |

MPhil / PhD Pharmaceutics

| Semester 1 & 2 | | |
|----------------------------------|---|--------|
| PCU-701 | Current Pharmaceutical Technology | 3(3-0) |
| PCU-702 | Pharmaceutical Biotechnology | 3(3-0) |
| PCU-703 | Advanced Biopharmaceutics | 3(3-0) |
| PCU-704 | Nutraceuticals and cosmetology | 3(3-0) |
| PCU-705 | Contemporary Pharmaceutics | 3(3-0) |
| PCU-706 | Pharmaceutical Quality Assurance | 3(3-0) |
| PCU-707 | Pharmaceutical Statistics | 3(3-0) |
| PCU-708 | Advanced Pharmaceutical Technology | 3(3-0) |
| PCU-709 | Principles of Drug Delivery and Intrinsic Factors | 3(3-0) |
| PCU-710 | Research Ethics and Biostatistical techniques | 3(3-0) |
| PCU-711 | Modern Pharmaceutics | 3(3-0) |
| PCU-712 | Biologicals | 3(3-0) |
| PCU-713 | Cosmeceuticals and Nutraceuticals | 3(3-0) |
| PCU-714 | Research Methodology | 3(3-0) |
| Mandatory Requirements for MPhil | | |
| STA-795 | Statistics for Research | 3(2-1) |
| PCU-728 | Seminar (General) | 1(0-1) |
| PCU-729 | Seminar (Research) | 1(0-1) |
| PCU-730 | Thesis | 6(0-6) |
| Mandatory Requirements for PhD | | |
| STA-795 | Statistics for Research | 3(2-1) |
| PCU-758 | Seminar (General) | 1(0-1) |
| PCU-759 | Seminar (Research) | 1(0-1) |
| PCU-760 | Thesis | --- |





Faculty of Life Sciences

1. Department of Biochemistry
2. Department of Bioinformatics & Biotechnology
3. Department of Botany
4. Institute of Home and Food Sciences
5. Department of Microbiology
6. Directorate of Medical Sciences
7. Department of Physical Education and Sports Sciences
8. Department of Physiology
9. Department of Zoology



Prof. Dr. Farhat Jabeen
Dean

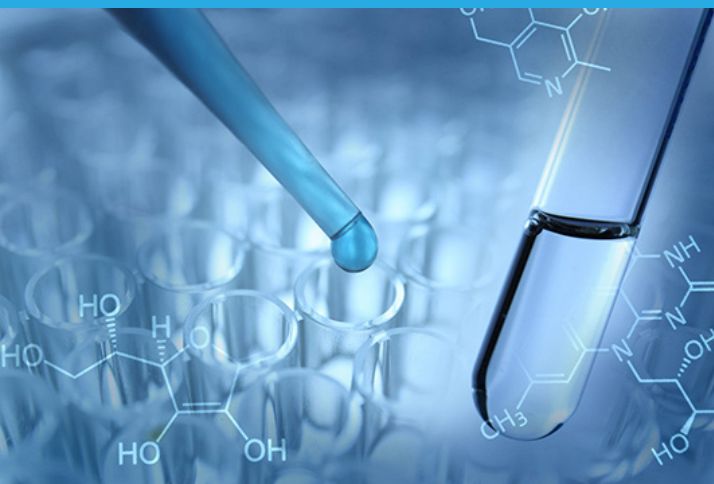
Prof. Dr. Farhat Jabeen holds a PhD from Quaid-i-Azam University, Islamabad and two Post Doctorates from Newcastle University, UK. Dr. Jabeen is HEC approved Supervisor and awardee of INSPIRE and SPEKE projects funded by the British Council (UK) and HEC (Pak). She has several International and National Research Projects on her credit. She got Excellent Leadership Awards from Islamic Development Bank, Saudi Arabia for the years 2011 and 2015.

She has attended more than 50 International conferences in USA, UK, Egypt, Dubai, Sri Lanka, Denmark, Turkey, Ireland, Malaysia and Saudi Arabia. Dr. Jabeen published over 100 articles in high impact science journals. Dr. Jabeen is the awardee of HEC University Best Teacher Award-2016. With an academic experience of more than 22 years, she enjoys a strong research outlook with many PhD and MPhil students to her credit.

Department of Biochemistry

Phone: 041-9200037

Email: biochem@gcuf.edu.pk



Programs Offered

1. BS Biochemistry
2. MPhil Biochemistry
3. PhD Biochemistry

Chairperson: Dr. Shazia Anwer Bukhari

Vision

To induce the basic and modern knowledge of Biochemistry and to impart modern teaching methods in the student's learning process, so that they can lead the nation in this discipline.

Mission

Nurturing a conducive environment of biochemistry in the nation as a whole to get a leading position by fulfilling the needs of skilled man powers of speeding emerging biotech industry.

Introduction

Biochemistry is the science concerned with the chemical basis of life. Biochemistry incorporates everything in size between a molecule and a cell and all the interactions between them. The aim of biochemists is to describe in molecular terms the structures, mechanisms and chemical processes shared by all organisms, providing organizing principles that underlie life in all its diverse forms. So a biochemist would study about these molecules namely carbohydrates, lipids, proteins and nucleic acids. Biochemist also studies their reactions and what affects them and in what ways. Biochemistry is thus a study of the compounds found inside living beings, the processes involved with the focus on the role, function and structure of these molecules.

Biochemistry now encompasses all of the molecular and cellular life sciences. Scientific topics falling under the broad description of biochemistry include genetics, immunology, virology, developmental biology, neurobiology, cell biology and structural biology. A recent milestone in biochemistry was the completion of the Human Genome Project and stem cell therapy. There has never been a better time to study biochemistry. With the introduction of newer methods in science and technology, the scope in biochemistry is much greater than before. In fact, biochemistry is one course that is selected by most of today's students. This is because of the challenging nature of the course

and the lucrative jobs that can be got after the completion of studies in this field. There are quite a few fields where Biochemists can find employment. These include:

Private Sector:

- Chemical manufacturing companies
- Food and Drink (includes brewing)
- Health and Beauty Care
- Medical Instrument companies
- Pharmaceutical firms
- Research Organizations

Public Sectors :

- Agriculture and fisheries
- Cancer research institutes
- Environmental Pollution Control
- Forensic Science
- Hospitals
- National Blood Services
- Overseas Development
- Public Health Entities
- Public Health Laboratories

Objectives

- To produce the manpower, those are confident to apply biochemistry knowledge in different span of living beings.
- Applications of the above knowledge in the understanding of disease processes and drugs discovery with vaccination
- To provide fundamental knowledge in statistical concepts and regulatory approach in biochemistry
- To adopt multidisciplinary approach to equip the students for multidimensional carrier opportunities
- Experiments to demonstrate important bio-chemical and physiological concepts
- To encourage the student's capacity for self learning by research work



Faculty

Dr. Shazia Anwer Bukhari

Associate Professor / Chairperson
PhD (PU)

Specialization: Molecular and Clinical Biochemistry
(HEC Approved Supervisor)

Dr. Zahid Mehmood

Associate Professor
PhD (UAF)

Specialization: Molecular and Clinical Biochemistry
(HEC Approved Supervisor)

Dr. Abdul Ghaffar

Assistant Professor
PhD (QAU)

Specialization: Molecular Biochemistry and Biotechnology
(HEC Approved Supervisor)

Dr. Sadia Javed

Assistant Professor
PhD (UAF)

Specialization: Industrial Biotechnology
(HEC Approved Supervisor)

Dr. Nosheen Aslam

Assistant Professor
PhD (UAF)

Specialization: Medical Biochemistry
(HEC Approved Supervisor)

Dr. Razia Noreen

Assistant Professor
PhD (France)

Specialization: Analytical and Environmental Biochemistry
(HEC Approved Supervisor)

Dr. Shagufta Kamal

Assistant Professor
PhD (UAF)

Specialization: Industrial Biotechnology
(HEC Approved Supervisor)

Dr. Muhammad Yameen

Assistant Professor
PhD (China)

Specialization: Biochemistry and Molecular Biology
(HEC Approved Supervisor)

Dr. Arruje Hameed

Assistant Professor
PhD (UAF)

Specialization: Plant Biochemistry and Biotechnology

Dr. Mehwish Salman

Assistant Professor
PhD (UAF)

Specialization: Biotechnology

Dr. Ghulam Mustafa

Assistant Professor
PhD . (UAF)

Specialization: Bioinformatics and drug discovery from natural products

Scheme of Studies BS Biochemistry

| Semester 1 | | |
|------------|--|---------|
| BCH-301 | Introductory Biochemistry | 4 (3-1) |
| ENG-321 | Functional English | 3 (3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| MTH-321 | Algebra and Trigonometry | 3 (3-0) |
| ACH- 301 | Fundamentals of Inorganic Chemistry | 3 (2-1) |
| SOC- 307 | Introduction to Sociology | 3 (3-0) |
| Semester 2 | | |
| BCH- 302 | Biochemistry of Carbohydrates | 4(3-1) |
| BCH-304 | Biophysics | 3(3-0) |
| ENG-322 | English Comprehensive and Composition | 3 (3-0) |
| PST-321 | Pakistan studies | 2 (2-0) |
| STA-507 | Biostatistics | 3(3-0) |
| PSY-422 | Introduction to Psychology | 3 (3-0) |
| Semester 3 | | |
| BCH-401 | Cell Biology | 3(2-1) |
| BCH-403 | Genetics | 3(3-0) |
| ENG- 421 | Communication Skills | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3 (3-0) |
| ACH- 302 | Fundamentals of organic Chemistry | 3 (2-1) |
| Semester 4 | | |

| BCH- 402 | Human Physiology | 3(3-0) |
|------------|--|--------|
| BCH- 404 | Biochemistry of lipids | 4(3-1) |
| BCH- 406 | Molecular Biology | 4(3-1) |
| ACH- 401 | Fundamental of Physical Chemistry | 3(2-1) |
| MIC-301 | Introductory Microbiology | 3(2-1) |
| Semester 5 | | |
| BCH-501 | Amino Acids and Proteins | 4(3-1) |
| BCH-503 | Enzymology | 3(2-1) |
| BCH-505 | Biosafety & Ethics | 2(2-0) |
| BCH-507 | Biochemical Techniques | 3(2-1) |
| BCH-509 | Plant Biochemistry | 3(3-0) |
| Semester 6 | | |
| BCH-502 | Nutritional Biochemistry | 3(2-1) |
| BCH- 504 | Industrial Biochemistry | 3(2-1) |
| BCH-506 | Biochemistry of Nucleic acid | 3(3-0) |
| BCH-508 | Biomembranes & Cell Signaling | 3(3-0) |
| BCH-510 | Bioenergetics | 2(2-0) |
| BNB-502 | Proteomics | 3(2-1) |
| Semester 7 | | |
| BCH-601 | Current Trends in Biochemistry | 3(3-0) |
| BCH-603 | Biological Metabolism | 4(4-0) |
| BCH-605 | Fermentation Biotechnology | 3(3-0) |
| BIN-402 | Introduction to Biological Data Reterival | 3(2-1) |
| BNB-504 | Genomics | 3(3-0) |
| Semester 8 | | |
| BIT-405 | Introducation to Biotechnology | 3(3-0) |
| BCH-602 | Immunochemistry | 3(3-0) |
| BCH-604 | Antimicrobials & Chemo therapy (Elective IV) | 3(3-0) |
| BCH-606 | Research Planning and Report Writing | 3(3-0) |
| BCH-628 | Seminar | 1(0-1) |
| BCH-631 | Project | 3(0-3) |
| BCH-632 | Internship | 3(0-3) |

MPhil/PhD Biochemistry

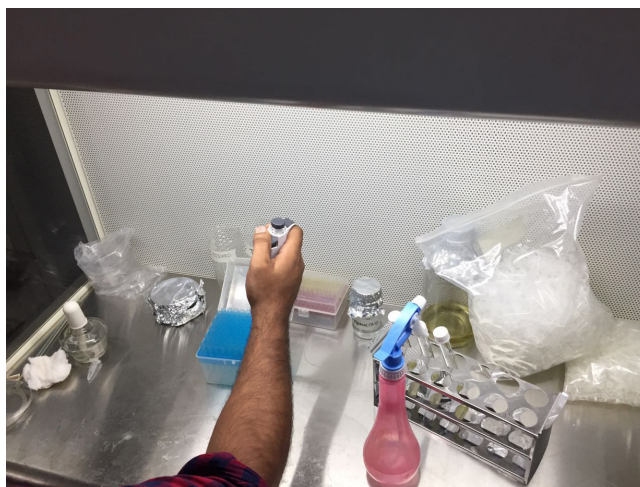
| | | |
|---------|---|--------|
| BCH-701 | Fundamentals of Biochemistry (Deficiency) | 3(3-0) |
| BCH-702 | Enzyme Production & Engineering | 3(3-0) |
| BCH-703 | Concepts in Genetic Engineering | 3(3-0) |
| BCH-704 | Environmental Biochemistry | 3(3-0) |
| BCH-705 | Hormones & Chemical Regulators | 3(3-0) |
| BCH-706 | Applied Biochemistry | 3(3-0) |
| BCH-707 | Advance Biochemical Techniques | 3(1-2) |
| BCH-708 | Advanced Medical Biochemistry | 3(3-0) |
| BCH-709 | Inherited Diseases & Molecular Medicines | 3(3-0) |
| BCH-710 | Biochemistry of drugs | 3(3-0) |
| BCH-711 | Advanced Cell Biology | 3(3-0) |
| BCH-712 | Proteomics & Protein Engineering | 3(3-0) |
| BCH-713 | Blood & Immunochemistry | 3(3-0) |
| BCH-714 | Advanced Fermentation & Biochemical Engineering | 3(3-0) |
| BCH-715 | Regulation of Metabolism in Health & Disease | 3(3-0) |
| BCH-716 | Gene Expression and Manipulation | 3(3-0) |
| BCH-717 | Biochemistry of Control System | 3(3-0) |
| BCH-718 | Biochemistry of Aging | 3(3-0) |
| BCH-719 | Bioremediation | 3(3-0) |
| BCH-720 | Research strategies & scientific writing | 3(3-0) |
| BCH-721 | Body fluids & Mineral metabolism | 3(3-0) |
| BCH-722 | Forensic Biochemistry | 3(3-0) |
| BCH-723 | Cell cycle, regulation and membrane trafficking | 3(3-0) |

Mandatory Requirements for Mphil

| | | |
|----------|-------------------------|--------|
| STAT-795 | Statistics for Research | 3(2-1) |
| BCH-728 | Seminar (General) | 1(0-1) |
| BCH-729 | Seminar (Research) | 1(0-1) |
| BCH-730 | Thesis | 6(0-6) |

Mandatory Requirements for PhD

| | | |
|----------|-------------------------|--------|
| STAT-795 | Statistics for Research | 3(2-1) |
| BCH-758 | Seminar (General) | 1(0-1) |
| BCH-759 | Seminar (Research) | 1(0-1) |
| BCH-760 | Thesis | --- |

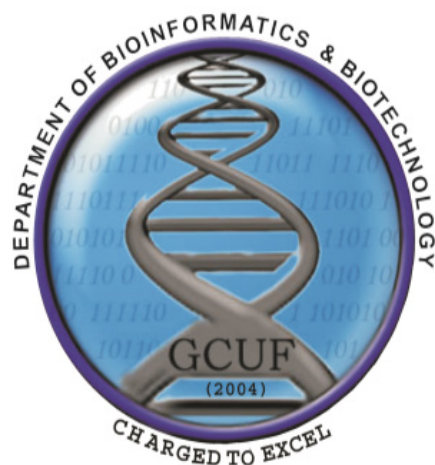




Department of Bioinformatics & Biotechnology

Phone: 041-9201553

Email: bioinfo.biotech@gcuf.edu.pk



Vision

To develop Bioinformatics and Biotechnology professionals with interdisciplinary approaches to explore different areas of life sciences with the help of state-of-art technologies being applied around the globe. Introduction and promotion of Bioinformatics and Biotechnology in the country as emerging sciences is one of the primary objectives of the Department.

Mission

To provide a collaborative learning environment that prepares students in higher education to reach the forefront of leadership by developing the sophisticated computational methods to conduct groundbreaking research in key areas of Bioinformatics and Biotechnology, to make fundamental discoveries, generate innovative solutions to practical problems and to develop new technologies for commercial applications. The Department is committed to provide an exceptional environment for specialized training and to mentor tomorrow's workforce through a challenging curriculum, exploration of scholarly research, design and implementation of original investigations and interactive partnerships.

Introduction

We are witnessing the birth of a new era in biological sciences. The ability to decipher the genetic code of living organisms has opened the new opportunities to improve the quality of human life and has dramatically changed the challenges that the biological and biomedical sciences can address. Bioinformatics and Biotechnology have become frontline applied science

disciplines of the twenty-first century. The Government College University, Faisalabad is amongst the few institutions in the country to offer degree programs in these emerging fields of Science. Bioinformatics is an amalgamation of Life Sciences, Statistics, Mathematics and Computer Sciences. It is responsible for developing new computer programs (databases and softwares) for their application in life sciences. Biotechnology is the technological application of biological systems (living organisms or derivatives thereof) to make or modify products or processes intended for "Human Welfare" or specific use. Department of Bioinformatics and Biotechnology (BNB) provides interdisciplinary learning and training that builds bridges across different disciplines and seamlessly integrates computational methodologies into biological education on the following lines:

- A broad understanding of the molecular processes of life.
- Understanding of the tools used for mapping and sequencing genes/genomes.
- Training regarding DNA and protein sequence and structural analysis, gene expression and proteomics analysis, data mining, optimization and statistical methods, database development and algorithm design.
- A high level of skill in designing and usage of information techniques with emphasis on the organization, display, interpretation and analysis of complex data.
- Skill development and hands on training of basic and advanced laboratory techniques being utilized in the modern scientific world.

Programs Offered

1. BS Bioinformatics
2. BS Biotechnology
3. MSc Biotechnology
4. MS Bioinformatics
5. MS Biotechnology
6. PhD Biotechnology

Chairperson: Dr. Asma Haque

Scope

Bioinformatics and Biotechnology is expected to substantially create an impact on scientific, engineering and economic development of the world. These are fast growing important disciplines for academic research and industrial applications. Career opportunities in Bioinformatics and Biotechnology will continue to expand on both the computer and biological science forefronts. For Computer Sciences, there are opportunities in academics, programming, database development, system analysis and software engineering. In the Biological Sciences, career opportunities exist in medical, agricultural, animal, environmental, microbial and industrial research as well as academia.

Faculty

Dr. Asma Haque

Chairperson / Associate Professor
PhD (NIBGE / QAU)
Specialization: Medical Biotechnology, Molecular Biology of Infectious Diseases, Drug Resistance Studies
HEC Approved PhD Supervisor

Dr. Muhammad Aamer Mehmood

Assistant Professor
PhD (NIBGE / QAU), Post doc (SJTU, China)
Specialization: Advanced Biofuels, Metabolic Pathway Engineering, Biomass-Bioenergy
HEC Approved PhD Supervisor

Dr. Muhammad Shareef Masoud

Assistant Professor
PhD (PU)
Specialization: Molecular Biology, Stem Cell and Regenerative Medicine, Health Biotechnology, Bioinformatics, Drug Development
HEC Approved PhD Supervisor

Dr. Muhammad Qasim

Assistant Professor
PhD (PU)
Specialization: Cell and Molecular Biology, Human Molecular Genetics, Health Biotechnology, Bioinformatics, High Throughput Genome Analysis
HEC Approved PhD Supervisor

Dr. Usman Ali Ashfaq

Assistant Professor
PhD (PU)
Specialization: Virology, Molecular Medicine, Molecular Biology,
Bioinformatics, Computer Aided Drug Designing
HEC Approved PhD Supervisor

Dr. Mahmood-ur-Rahman Ansari

Assistant Professor
PhD (PU)
Specialization: Molecular Cell Biology, Plant Biotechnology, Bioinformatics
HEC Approved PhD Supervisor

Dr. Khadim Hussain

Assistant Professor
PhD (NIBGE / QAU)
Specialization: Molecular Plant Virology, RNA Silencing, Plant Biotechnology, Molecular Plant Pathology, Virus-Host Interaction
HEC Approved PhD Supervisor

Dr. Tayyaba Shaheen

Assistant Professor
PhD (NIBGE / QAU)
Specialization: Plant Biotechnology
HEC Approved PhD Supervisor

Dr. Tayyaba Huma

Assistant Professor
PhD (NIBGE / QAU)
Specialization: Industrial Biotechnology, Enzyme Biotechnology
HEC Approved PhD Supervisor

Dr. Muhammad Asaf Khan

Assistant Professor
PhD (Austria)
Specialization: Plant Biotechnology, Plant Hormone Signaling, Transcriptional Regulation, Bioinformatics
HEC Approved PhD Supervisor

Dr. Nazia Nahid

Assistant Professor
PhD (NIBGE / QAU), Post doc (USA)
Specialization: Molecular Biology, Molecular Virology

Dr. Muhammad Zubair

Assistant Professor
PhD (Sweden)
Specialization: Medicinal Plants, Health Biotechnology
HEC Approved PhD Supervisor

Dr. Farrukh Azeem

Assistant Professor
PhD (France)
Specialization: Plant Molecular Biology, Bioinformatics, Transcriptional Regulation, Abiotic Stress
HEC Approved PhD Supervisor

Dr. Mohsin Tariq

Assistant Professor
PhD (NIBGE / QAU), Post doc (USA)
Specialization: Plant-Microbe Interaction
HEC Approved PhD Supervisor

Dr. Muhammad Rizwan Javed

Assistant Professor
PhD (NIBGE / QAU)
Specialization: Enzyme Biotechnology, Genetic Engineering, Metabolic Pathway Engineering, Proteomics, Mycotoxins, Nanobiotechnology, Bioinformatics
HEC Approved PhD Supervisor

Dr. Muhammad Afzal

Assistant Professor
PhD (Netherlands)
Specialization: Bioinformatics, Molecular Biology, Gene Expression, Transcriptomics

Dr. Muhammad Shahid

Assistant Professor
PhD (NIBGE / PIEAS)
Specialization: Plant-Microbe Interaction, Microbial Biotechnology, Environmental Biotechnology
HEC Approved PhD Supervisor

Dr. Irfan Manzoor

Assistant Professor
PhD (Netherlands)
Specialization: Bioinformatics, Genomics, Gene Expression and Regulation
HEC Approved PhD Supervisor

**Dr. Muhammad Hussain Siddique**

Assistant Professor

PhD (France)

Specialization: Microbial and Enzymatic Engineering, Molecular Biology, Biofuels, Bioinformatics, Nanotechnology

HEC Approved PhD Supervisor

Dr. Habib Ullah Nadeem

Assistant Professor

PhD (NIBGE / QAU)

Specialization: Enzyme Biotechnology, Protein Engineering, Industrial Biotechnology

HEC Approved PhD Supervisor

Dr. Asad Ali Shah

Assistant Professor

PhD (South Korea)

Specialization: Metabolic Engineering, Antibiotic Resistance in Bacteria

Dr. Muhammad Farooq

Assistant Professor

PhD (NIBGE / QAU), Postdoc (Japan), Postdoc (Denmark)

Specialization: Human Molecular Genetics, Functional Genomics

Dr. Madiha Hamyat

Assistant Professor

PhD (China)

Specialization: Bioinformatics, Plant Biotechnology, Molecular Biology

Dr. Sadia Liaquat

Assistant Professor

PhD (NIBGE / PIEAS)

Specialization: Genomics

Dr. Madiha Nazir

Lecturer

PhD (Sweden)

Specialization: Bioinformatics, Molecular Genetics, Cancer Pharmacology

Scheme of Studies**BS Bioinformatics**

| Semester 1 | | |
|------------|--|--------|
| BIT-301 | Cell Biology | 3(2-1) |
| BIT-303 | Fundamentals of Genetics | 4(3-1) |
| CHM-305 | General Chemistry | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| ENG-321 | Functional English | 3(3-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| Semester 2 | | |
| BIT-302 | Molecular Biology | 4(3-1) |
| BCH-322 | Elementary Biochemistry | 3(2-1) |
| CSI-322 | Introduction to Computer Programming | 4(3-1) |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| MTH-322 | Introduction to Calculus | 3(3-0) |
| Semester 3 | | |
| MIC-301 | Introductory Microbiology | 3(2-1) |
| BIT-403 | Molecular Genetics | 4(3-1) |
| BIT-405 | Introduction to Biotechnology | 3(2-1) |
| CSI-421 | Data Structure and Algorithms | 4(3-1) |
| MTH-423 | Differential Equations and Transforms | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| Semester 4 | | |
| BIN-402 | Introduction to Biological Data Retrieval | 4(3-1) |
| BIT-404 | Molecular Evolution | 3(3-0) |
| STA-507 | Biostatistics | 4(3-1) |
| BIN-408 | Applications of Biotechnology | 2(2-0) |
| CSI-422 | Object Oriented Programming | 4(3-1) |
| MTH-424 | Linear Algebra | 3(3-0) |
| Semester 5 | | |
| BIN-501 | Essentials of Biological Data Analysis | 4(3-1) |
| BIN-503 | Essential Laboratory Techniques for Bioinformatics | 2(0-2) |
| CSI-521 | Database Management Systems | 4(3-1) |
| CSI-523 | Discrete Structures | 2(2-0) |

| CSI-525 | Information Modeling | 3(3-0) |
|------------|--|--------|
| MTH-521 | Discrete Mathematics | 3(3-0) |
| Semester 6 | | |
| BIT-502 | Proteomics | 3(2-1) |
| BIT-504 | Genomics | 3(3-0) |
| BIN-506 | Advances in Biological Data Analysis | 4(3-1) |
| BIN-508 | Social, Ethical and Legal Issues in Bioinformatics | 2(2-0) |
| CSI-522 | Bioinformatics Software Development-I | 3(1-2) |
| CSI-524 | Computer Graphics and Visualization | 3(2-1) |
| Semester 7 | | |
| BIN-601 | Advances in Bioinformatics | 3(2-1) |
| BIN-603 | Bioinformatics Scripting | 3(2-1) |
| BIN-605 | Modeling and Simulations | 3(2-1) |
| BIN-607 | Systems Biology | 3(3-0) |
| CSI-621 | Bioinformatics Software Development-II | 3(1-2) |
| CSI-623 | Artificial Intelligence | 2(2-0) |
| Semester 8 | | |
| BIN-602 | Research Methodologies in Bioinformatics | 3(0-3) |
| BIN-604 | Recent Trends in Bioinformatics | 3(3-0) |
| | OR | |
| BIN-631 | Project | 6(0-6) |

BS Biotechnology

| Semester 1 | | |
|------------|--|--------|
| BIT-301 | Cell Biology | 3(2-1) |
| BIT-303 | Fundamentals of Genetics | 4(3-1) |
| CHM-305 | General Chemistry | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| ENG-321 | Functional English | 3(3-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| Semester 2 | | |
| BIT-302 | Molecular Biology | 4(3-1) |
| BIT-304 | Biophysics | 3(3-0) |
| BIT-306 | Biodiversity and Systematics | 3(3-0) |
| BCH-322 | Elementary Biochemistry | 3(2-1) |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |

| | | |
|-------------------|--|--------|
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| Semester 3 | | |
| MIC-301 | Introductory Microbiology | 3(2-1) |
| BIT-403 | Molecular Genetics | 4(3-1) |
| BIT-405 | Introduction to Biotechnology | 3(2-1) |
| BIT-407 | Essentials of Immunology | 3(3-0) |
| BCH-421 | Advanced Biochemistry | 3(2-1) |
| PST-321 | Pakistan Studies | 2(2-0) |
| Semester 4 | | |
| BIN-402 | Introduction to Biological Data Retrieval | 4(3-1) |
| BIT-404 | Molecular Evolution | 3(3-0) |
| STA-507 | Biostatistics | 4(3-1) |
| BIT-408 | Biosafety | 2(2-0) |
| BIT-410 | Cell and Tissue Culture | 3(2-1) |
| BIT-412 | Microbial Biotechnology | 3(2-1) |
| Semester 5 | | |
| BIN-501 | Essentials of Biological Data Analysis | 4(3-1) |
| BIT-503 | Recombinant DNA Technology | 4(3-1) |
| BIT-505 | General Virology | 3(3-0) |
| BIT-507 | Techniques in Biotechnology | 3(2-1) |
| BIT-509 | Health Biotechnology | 3(3-0) |
| BIT-511 | Forensic Serology and DNA Typing | 3(3-0) |
| Semester 6 | | |
| BIT-502 | Proteomics | 3(2-1) |
| BIT-504 | Genomics | 3(3-0) |
| BIT-506 | Nanobiotechnology | 3(3-0) |
| BIT-508 | Agriculture Biotechnology | 3(2-1) |
| BIT-510 | Social, Ethical and Legal Aspects of Biotechnology | 3(3-0) |
| BIT-512 | Animal Biotechnology | 3(3-0) |
| Semester 7 | | |
| BIT-601 | Cell Signaling | 3(3-0) |
| BIT-603 | Industrial Biotechnology | 4(3-1) |
| BIT-605 | Food and Bioprocess Technology | 3(2-1) |
| BIT-607 | Literature Survey and Research Project Management | 2(2-0) |
| BIT-609 | Environmental Biotechnology | 3(3-0) |

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|-------------------|---|--------|
| BIT-611 | Molecular Pathology | 3(3-0) |
| Semester 8 | | |
| BIT-602 | Research Methodologies in Biotechnology | 3(0-3) |
| BIT-604 | Recent Trends in Biotechnology | 3(3-0) |
| | OR | |
| BIT-631 | Project / Internship | 6(0-6) |

MSc Biotechnology

| | | |
|-------------------|--|--------|
| Semester 1 | | |
| BIT-551 | Cell Biology | 3(2-1) |
| BIT-553 | Molecular Genetics | 3(2-1) |
| BIT-555 | Molecular Biology | 3(3-0) |
| CHM-557 | General Chemistry | 3(3-0) |
| BIT-559 | Fundamentals of Biotechnology | 3(2-1) |
| ENG-321 | Functional English | 3(3-0) |
| Semester 2 | | |
| BCH-552 | Fundamentals of Biochemistry | 3(3-0) |
| MIC-301 | Introductory Microbiology | 3(2-1) |
| BIT-556 | Essentials of Immunology | 3(3-0) |
| BIT-558 | Recombinant DNA Technology | 3(2-1) |
| BIN-560 | Fundamentals of Bioinformatics | 3(2-1) |
| BIT-562 | Statistical Methods in Biotechnology | 3(2-1) |
| Semester 3 | | |
| BIT-651 | Molecular Evolution | 3(3-0) |
| BIT-653 | Essential Techniques in Biotechnology | 3(1-2) |
| BIT-655 | General Virology | 3(3-0) |
| BIT-657 | Proteomics | 3(2-1) |
| BIT-659 | Industrial and Environmental Biotechnology | 3(3-0) |
| BIT-661 | Agriculture Biotechnology | 3(2-1) |
| Semester 4 | | |
| BIT-652 | Genomics | 3(3-0) |
| BIT-654 | Medical Biotechnology | 3(3-0) |
| BIT-656 | Research Methodologies in Biotechnology | 3(0-3) |
| BIT-658 | Recent Trends in Biotechnology | 3(3-0) |

MS Bioinformatics

| | | |
|---|--|--------|
| Semester 1 | | |
| BIN-701 | Advances in Molecular Biology | 3(3-0) |
| BIN-703 | Advances in Bioinformatics | 3(2-1) |
| BIN-705 | Advances in Artificial Intelligence | 3(2-1) |
| BIN-707 | Advances in Information Retrieval and Processing | 3(2-1) |
| Semester 2 | | |
| Specialization-I, Specialization-II | | |
| Elective-I, Elective-II | | |
| Specialization-I, II will be chosen from the list below | | |
| Elective-I, II will be chosen from the list below | | |
| Specialization | | |
| BIN-702 | Statistical Methods for Computational Biology | 3(3-0) |
| BIN-704 | Advances in Computational Algorithms | 3(2-1) |
| BIN-706 | Advances in Software Engineering | 3(1-2) |
| BIN-708 | Research Methods in Biological Sciences | 3(3-0) |
| BIN-710 | Advances in Genomics and Proteomics | 3(3-0) |
| Elective Courses | | |
| BIN-732 | Modern Techniques in Molecular Biology | 3(2-1) |
| BIN-734 | Metabolomics | 3(3-0) |
| BIN-736 | DNA Microarrays and Integrative Genetics | 3(3-0) |
| BIN-738 | Nanotechnology | 3(3-0) |
| Mandatory requirements for MS | | |
| BIN-728 | Seminar (General) | 1(0-1) |
| BIN-729 | Seminar (Research) | 1(0-1) |
| BIN-730 | Thesis | 6(0-6) |

MS/PhD Biotechnology

| | | |
|---------|---|--------|
| BIT-701 | Modern Biotechnology: Principles and Applications | 3(3-0) |
| BIT-702 | Modern Techniques in Biotechnology | 3(3-0) |
| BIT-703 | Genetic Engineering | 3(3-0) |
| BIT-704 | Bioresource Technology | 3(3-0) |
| BIT-705 | Advances in Cell and Molecular Biology | 3(3-0) |
| BIT-706 | Molecular Virology | 3(3-0) |
| BIT-707 | Molecular Data Analyses | 3(3-0) |
| BIT-708 | Plant Molecular Physiology | 3(3-0) |



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|---|--|--------|
| BIT-710 | Protein Engineering and Enzyme Technology | 3(3-0) |
| BIT-712 | Plant-Microbe Interaction | 3(3-0) |
| BIT-714 | Advances in Molecular Pathology | 3(3-0) |
| BIT-716 | Advances in Stem Cell Technology | 3(3-0) |
| BIT-718 | Advances in Medical Biotechnology | 3(3-0) |
| BIT-720 | Advances in Plant Biotechnology | 3(3-0) |
| BIT-722 | Metabolic Engineering and Biofuels | 3(3-0) |
| BIT-724 | Advances in Environmental Biotechnology | 3(3-0) |
| BIT-781 | Recent Trends in Biotechnology | 3(3-0) |
| BIT-782 | Project Planning, Maintenance and Evaluation | 3(3-0) |
| BIT-783 | Recent Trends in Cell and Molecular Biology | 3(3-0) |
| BIT-784 | Recent Methods in Biotechnology Research | 3(3-0) |
| BIT-785 | Recent Trends in Industrial Microbiology and Biotechnology | 3(3-0) |
| BIT-786 | Recent Trends in Medical Biotechnology | 3(3-0) |
| BIT-787 | Recent Trends in Environmental Biotechnology | 3(3-0) |
| BIT-788 | Recent Trends in Bio-Energy | 3(3-0) |
| BIT-789 | Recent Trends in Plant Biotechnology | 3(3-0) |
| BIT-790 | Recent Trends in Food Biotechnology | 3(3-0) |
| BIT-791 | Recent Trends in Virology | 3(3-0) |
| BIT-792 | Recent Trends in Immunology | 3(3-0) |
| BIT-793 | Molecular Toxicology | 3(3-0) |
| BIT-795 | Recent Trends in Cell and Tissue Culture Technology | 3(3-0) |
| BIT-796 | Modern Methods in Industrial Biotechnology | 3(3-0) |
| Mandatory requirements for MPhil | | |
| STA-795 | Statistics for Research | 3(2-1) |
| BIT-728 | Seminar (General) | 1(0-1) |
| BIT-729 | Seminar (Research) | 1(0-1) |
| BIT-730 | Thesis | 6(0-6) |
| Mandatory requirements for PhD | | |
| STA-795 | Statistics for Research | 3(2-1) |
| BIT-758 | Seminar (General) | 1(0-1) |
| BIT-759 | Seminar (Research) | 1(0-1) |
| BIT-760 | Thesis | |



Department of Botany

Phone: 041-9203024
Email: botany@gcuf.edu.pk



Vision

Exploration of natural world of plants and allied creature for unraveling vast untapped resources of nature for the benefit of human race as well as the glorification of knowledge

Mission

We are committed to ordain human capital with excellence in the changing scientific scenario through innovative and interactive learning and research.

Introduction

Being one of the oldest academic disciplines of this institution, the department is privileged to have a strong faculty and academic program. At present, this department is offering degree courses for BS (Hons), M.Sc, MPhil and PhD programs. Department of Botany has gained credence from the comity of global academic and research institutions. Currently the department has signed MoUs with WWF, Pakistan, North West A & F University, China and Tohoku University, Japan for research and academic collaboration.

Department aims to provide quality education in diverse areas of research. A well-knit research program with due liaison with relevant industries and partner national research organization exists at Department of Botany. We are striving to nurture our industry with trained and skilled manpower and with the development of “early bird” innovative production processes. Our research activities on medicinally important plant-derived constituents, nutritional fortification of edible grain crops, development of industrially important fungal enzymes and natural pigments, edibles free from biotic contaminants, etc. are being valued by national industrial enterprises. An all-out academia-industry linkage initiative has taken off from this forum and the relevant entrepreneurs are approaching us for collaborative research ventures of mutual interest.

A number of nationally and internationally funded research projects are also underway, and the academia is focusing on to broaden need-based research endeavors. Molecular Biology,

Plant Physiology, Integrative Biology, Environmental Biology, Economic Botany, Mycology, Microbiology and Biotechnology are some of the focal areas of research at this establishment. Currently research work is being carried out in the fields of plant molecular biology, fortification of cereal crops, medicinal plants and nutraceuticals, seed priming, enzymology, plant tissue culture, stress physiology, biochemistry, phytoremediation and heavy metal tolerance, improving crop acclimation to different agro-climatic zones and fungal taxonomy. Research on genetic basis of stress tolerance in different crops is also underway. The genomic resources are being utilized to enhance crop production by gene manipulation. Furthermore, research activities on seed metabolism, plant nutrition and plant growth regulators are in progress for different economically important crops and medicinal plants.

We are proud to be the host of 1st international symposium of this University in 2006. This department organized one (01) international conference, three (03) international symposiums and national seminars. Besides active involvement in transferring knowledge to the students, the induction of high class academia is also upgrading the faculty profile of the department. Department of Botany at Government College University, Faisalabad is among the top choices of students for their learning needs throughout Pakistan and the numbers of enrolments are increasing every year. Until now 08 Ph. D, 260 M. Phil, 580 M. Sc and 300 BS (Hons) students have completed their studies. At present, 451 students are enrolled in BS (Hons), 156 in M. Sc, 135 in M. Phil and 48 in Ph. D programs.

Programs Offered

1. BS Botany
2. MSc Botany
3. MPhil Botany
4. PhD Botany

Chairperson: Prof. Dr. Muhammad Iqbal



Faculty

Prof. Dr. Muhammad Iqbal

Professor & Chairperson
PhD (UAF) Post Doc (UCR, USA)
Specialization: Plant Ecophysiology, Stress Signalling and Chemical

Dr. Naeem Iqbal

Associate Professor
PhD (UAF) Post Doc (USA)
Specialization: Plant Physiology, Molecular Marker Analysis for Stress Tolerance, Economic Botany

Dr. Iqbal Hussain

Associate Professor
PhD (UAF) Post Doc (Japan)
Specialization: Plant Physiology, Gene Expression Analysis

Dr. Rizwan Rasheed

Associate Professor
PhD (UAF)
Specialization: Plant Physiology / Molecular Biology / Histology

Dr. Syed Hammad Raza

Assistant Professor
PhD (UAF) Post Doc (UK)
Specialization: Plant Stress Physiology and Molecular Ecology/
Environmental Biology

Dr. Saqib Mahmood

Assistant Professor
PhD (UAF)
Specialization: Stress Physiology, Metabolite Chemistry

Dr. Muhammad Saeed

Assistant Professor
PhD (China)
Specialization: Crop Genetics & Breeding

Dr. Nudrat Aisha Akram

PhD (UAF)
Assistant Professor
Specialization: Plant Stress Physiology

Dr. Shagufta Parveen

Assistant Professor
PhD (UAF)
Specialization: Plant Stress Physiology

Dr. Muhammad Tariq Javed

Assistant Professor
PhD (SU, Sweden)
Specialization: Plant Stress Physiology, Plant Biochemistry, Fluorescence Microscopy

Dr. M. Zulqurnain Haider

Assistant Professor
PhD (France)
Specialization: Integrative Biology of Plants

Dr. M. Arslan Ashraf

Assistant Professor
PhD (UAF)
Specialization: Plant Stress Physiology

Dr. Qasim Ali

Assistant Professor
PhD (UAF)
Specialization: Plant Physiology, Plant Nutrition

Dr. Muhammad Azeem

Assistant Professor
PhD (France)
Specialization: Plant Molecular & Cell Biology

Dr. Sara Zafar

Assistant Professor
PhD (GCUF)
Specialization: Plant Physiology

Dr. Muhammad Nawaz

Assistant Professor
PhD (GCUF)
Specialization: Plant Biotechnology and Plant Molecular Physiology,
Bioinformatics

Dr. Rohina Bashir

Assistant Professor
PhD (UAF)
Specialization: Plant Biotechnology

Dr. Nusrat Parveen

Assistant Professor
PhD (UAF)
Specialization: Plant Physiology

Dr. M. Sohail Akram

Assistant Professor
PhD (University of the Punjab)
Specialization: Plant Transformation, Plant Molecular Biology

Dr. Abida Parveen

Assistant Professor
PhD (UAF)
Specialization: Plant Stress Physiology

Dr. Noman Habib

Assistant Professor
PhD (UAF)
Specialization: Plant Physiology

Mr. Ali Noman

Lecturer (On study leave)
MPhil (UAF)
Specialization: Plant Anatomy

Ms. Bazgha Zia

Lecturer (On study leave)
MPhil (UAF)
Specialization: Plant Tissue Culture

Mr. Muhammad Akram

Lecturer
M. Phil (UAF)
Specialization: Plant Tissue Culture

Ms. Beenish Afzal

Research Officer
MPhil (GCUF)
Specialization: Plant Physiology

Ms. Zahida Perveen

Teaching Assistant
M. Phil (GCUF)
Specialization: Plant Physiology

Scheme of Studies

BS Botany

| Semester 1 | | |
|------------|--|--------|
| BOT-301 | Diversity of Plants | 4(3-1) |
| ENG-321 | Functional English | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| ZOL-301 | Principals in animal life-I | 3(2-1) |
| CHM-301 | Physical Chemistry-I | 3(2-1) |
| Semester 2 | | |
| BOT-302 | Systematic, Anatomy and Development | 4(3-1) |
| ENG-322 | English Comprehensive & Composition | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| ZOL-302 | Principals in animal life-II | 3(2-1) |
| CHM-302 | Inorganic Chemistry-II | 3(2-1) |
| BIN-422 | Introduction to Bioinformatics | 3(2-1) |
| Semester 3 | | |
| BOT-401 | Cell Biology, Genetics and Evolution | 4(3-1) |
| ENG-421 | Communication Skills | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |

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|-------------------|---|--------|
| ZOL-401 | Animal diversity-I | 3(2-1) |
| CHM-401 | Organic Chemistry -I | 3(2-1) |
| Semester 4 | | |
| BOT-402 | Plant Physiology and Ecology | 4(3-1) |
| BOT-404 | Biodiversity and Conservation | 4(3-1) |
| STA-507 | Biostatistics | 3(3-0) |
| ZOL-402 | Animal diversity-II | 3(2-1) |
| CHM-402 | Chemistry special topics | 3(2-1) |
| Semester 5 | | |
| BOT-501 | Bacteriology and Virology | 3(2-1) |
| BOT-503 | Phycology and Bryology | 3(2-1) |
| BOT-505 | Mycology and Plant Pathology | 3(2-1) |
| BOT-507 | Diversity of Vascular Plants | 3(2-1) |
| BOT-509 | Plant Systematics | 3(2-1) |
| BOT-511 | Anatomy of Vascular Plants | 3(2-1) |
| Semester 6 | | |
| BOT-502 | Genetics-I | 3(2-1) |
| BOT-504 | Plant Biochemistry-I | 3(2-1) |
| BOT-506 | Plant Ecology-I | 3(2-1) |
| BOT-508 | Plant Physiology-I | 3(2-1) |
| BOT-510 | Plant Molecular Biology | 3(2-1) |
| POL-406 | Introduction to International Relations | 3(3-0) |
| Semester 7 | | |
| BOT-601 | Plant Biochemistry-II | 3(2-1) |
| BOT-603 | Plant Ecology-II | 3(2-1) |
| BOT-605 | Plant Physiology-II | 3(2-1) |
| BOT-607 | Genetics-II | 3(2-1) |
| BOT-609 | Lab Techniques | 2(1-1) |
| ENG-611 | English for Employment | 3(3-0) |
| Semester 8 | | |
| BOT-602 | Environmental Biology | 3(2-1) |
| BOT-604 | Phytohormones | 3(2-1) |
| BOT-606 | Plant Metabolism | 3(2-1) |
| BOT-608 | Plant Tissue Culture | 3(2-1) |
| BOT-610 | Plant Stress Physiology | 3(2-1) |
| BOT-612 | Nitrogen Assimilation & Metabolism | 3(2-1) |
| BOT-630 | Thesis | 6(0-6) |

MSc Botany

| Semester 1 | | |
|------------|--|--------|
| BOT-551 | Diversity in Non-Flowering Plants-I (Viruses, Bacteria & Algal Protoctist) | 3(2-1) |
| BOT-553 | Plant Cell Biology | 3(2-1) |
| BOT-555 | Plant Biochemistry-I | 3(2-1) |
| BOT-557 | Plant Ecology-I | 3(2-1) |
| BOT-559 | Plant Physiology-I | 3(2-1) |
| BOT-561 | Molecular Genetics-I | 3(2-1) |
| Semester 2 | | |
| BOT-552 | Plant Anatomy | 3(2-1) |
| BOT-554 | Systematic and Plant Taxonomy | 4(3-1) |
| BOT-556 | Lab Techniques | 2(1-1) |
| BOT-558 | Environmental Biology | 4(3-1) |
| BOT-560 | Biodiversity and Conservation | 3(3-0) |
| STA-507 | Biostatistics | 3(3-0) |
| Semester 3 | | |
| BOT-651 | Diversity in Non-Flowering Plants-II | 3(2-1) |
| BOT-653 | Plant Ecology-II | 3(2-1) |
| BOT-655 | Plant Physiology-II | 3(2-1) |
| BOT-657 | Fungi and Plant Pathology | 3(2-1) |
| BOT-659 | Molecular Genetics-II | 3(2-1) |
| BOT-661 | Plant Biochemistry-II | 3(2-1) |
| Semester 4 | | |
| BOT-652 | Plant Metabolism | 3(2-1) |
| BOT-654 | Phytohormones | 3(2-1) |
| BOT-656 | Plant Tissue Culture | 3(2-1) |
| BOT-658 | Plant Stress Physiology | 3(2-1) |
| BOT-660 | Nitrogen Assimilation & Metabolism | 3(2-1) |
| BOT-630 | Thesis | 6(0-6) |

MPhil / PhD Botany

| Theory Courses | | |
|----------------|---------------------------------------|--------|
| BOT-701 | Enzymology and Metabolism | 3(2-1) |
| BOT-702 | Plant Growth Regulators | 3(2-1) |
| BOT-703 | Advanced Plant Physiology | 3(2-1) |
| BOT-704 | Enzyme Kinetics | 3(2-1) |
| BOT-705 | Environmental Biology and Legislation | 3(2-1) |

| BOT-706 | Molecular Ecology | 3(2-1) |
|----------------------------------|--------------------------------------|--------|
| BOT-707 | Signaling in Plants | 3(2-1) |
| BOT-708 | Gene Technology | 3(2-1) |
| BOT-709 | Plant Microtechniques | 3(2-1) |
| BOT-710 | Research and Project Management | 3(2-1) |
| BOT-711 | Pants and Global Changes | 3(2-1) |
| BOT-712 | Biological Engineering | 3(2-1) |
| BOT-713 | Bioenergetics | 3(2-1) |
| BOT-714 | Metabolic Engineering in Plants | 3(2-1) |
| BOT-715 | Economic Botany | 3(2-1) |
| BOT-716 | Seed Technology | 3(2-1) |
| BOT-717 | Plant Electrophysiology | 3(2-1) |
| BOT-718 | Cell Cycle Regulation | 3(2-1) |
| BOT-719 | New Trends in Phytosociology | 3(2-1) |
| BOT-720 | Plant Water and Nutrient Acquisition | 3(2-1) |
| BOT-721 | Allelopathy | 3(2-1) |
| BOT-722 | Phytoremediation of toxicants | 3(2-1) |
| BOT-723 | Plant – microbe interactions | 3(2-1) |
| BOT-724 | Computational Plant Biology | 3(2-1) |
| BOT-725 | Evolutionary Biology | 3(2-1) |
| BOT-726 | Plant Bio-fuels and Bio-energy | 3(2-1) |
| Mandatory Requirements for MPhil | | |
| STA-795 | Statistics for Research | 3(2-1) |
| BOT-728 | Seminar (General) | 1(0-1) |
| BOT-729 | Seminar (Research) | 1(0-1) |
| BOT-730 | Thesis | 6(0-6) |

| Mandatory Requirements for PhD | | |
|--------------------------------|-------------------------|--------|
| STA-795 | Statistics for Research | 3(2-1) |
| BOT-758 | Seminar (General) | 1(0-1) |
| BOT-759 | Seminar (Research) | 1(0-1) |
| BOT-760 | Thesis | - - - |



Institute of Home & Food Sciences

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Programs Offered

1. BS Human Nutrition & Dietetics
2. BS Food Science & Technology
3. BS Home Economics
4. MS & PhD Food Science & Technology
5. MS & PhD Human Nutrition & Dietetics
6. MS Food Safety & Quality management

Director: Dr. Muhammad Umair Arshad



Vision

To produce high caliber graduates in the field of Food Science, Nutrition & Home economics who will be well equipped through the training they receive, to support the rapid changes in food industries and sustain the industrial and economic development of Pakistan.

Mission

To train the needed manpower and expertise that will help the industry and will produce the healthy community that will contribute to accelerate the economic development of country.

Introction

The Department of Food Science, Nutrition and Home economics at Government College University Faisalabad was established in 2013 and is one of the best food science departments in the country. The outstanding faculty, state-of-the-art building and laboratory facilities, and friendly and dedicated staff members make the Department a pleasant place to study and conduct research. The Institute has pursued its teaching and research program in recognition of the fact that the food industry in Pakistan is still in its fledging state. Hence it is important that this program is offered The Institute selects courses that are aimed at offering the students a good understanding of the basic principles of Food technology according to the growing and dynamic needs of Food industry.

Our undergraduate Major offers students hands-on science dealing with real-world applications; small, friendly atmosphere; world-class internship experiences in collaboration with international institutions like:

- University Sains, Malaysia
- Research institute of Food Science and Technology, Mashhad, Iran
- Laboratoire d'Ingénierie des Biomolécules (LIBio), Université de Lorraine, France
- Department of Food Bioprocessing and Nutrition Sciences, North Carolina State University, USA
- Punjab Medical College
- Faisalabad Confectionary Association, Pakistan
- Punjab Food Authority, Lahore
- Engro Foods Limited, Karachi
- Halal Research Council, Pakistan
- The Halal Science Centre Chulalongkorn University, Thailand
- Pakistan council for scientific and industrial research
- The University of Gambia
- Kyungpook National University, South Korea
- Iowa State University, USA
- Amanah Halal Research Centre, Germany
- World Vegan Organization

Our graduate program offers graduate study leading to Masters of Science and Doctor of Philosophy degrees. Graduate students receive in-depth training in the core disciplines of food & nutrition, food chemistry, food microbiology, food engineering & processing, food safety, food service management, human nutrition & textile & clothing.

Poor nutritional indicators for Pakistan demanded some initiatives to uplift the nutritional status and initiation of Human Nutrition and Dietetics degree is important mile stone in this context. This degree is not only produced skill nutritionist but also enhance the awareness regarding the issue that ultimately

will uplift the nutritional status of the country. Home Economics is committed to be a leading academic center of excellence in teaching, research and skilled programs at national and international level; being a unique blend of science and other related subjects opens future revenue for personnel professional, skilled income generating and social enhancement.

Objectives

1. To produce competent Food Scientists/Technologists with adequate scientific background to meet the needs of public and private sector, organization/industries
2. To provide professional leadership, services and outreach activities in the major areas of Home Economics
3. To develop a cost effective appropriate technologies, helpful to boost up value addition in agriculture sector.
4. To carry out problem oriented research in the field of Nutrition and Food Technology
5. To meet the training needs of public and private sector.
6. To produce competent nutritionists and dietitians for different organizations in the country.
7. To address the issues in different sectors of Food Science, Nutrition and Home Economics

Faculty

Dr. Muhammad Umair Arshad

Director/Associate Professor
PhD (UAF) Postdoc (Canada)
Specialization: Functional Foods & Nutraceuticals Utilization of Bioactive components of agro-industrial waste

Dr. Mahr un Nisa (IF)

Incharge/Associate Professor
PhD (UAF)
Specialization: Nutrition, micro nutrient metabolism

Dr. Rabia Shabir Ahmad

Assistant Professor
PhD (UAF)
Specialization: Functional Foods, Human Nutrition, HACCP & Food Analysis

Dr. Muhammad Tahir Nadeem

Assistant Professor
PhD (UAF)
Specialization: Food Biotechnology, Nutrition, Cereal Sciences, Fruits and Vegetables Processing

Dr. Farhan Saeed

Assistant Professor
PhD (UAF)
Specialization: Cereal Science: Wheat quality and characterization, Starch chemistry, Functional foods, Food analysis

Dr. Zarina Mushtaq

PhD (UAF)
Assistant Professor
Specialization: Food Microbiology, Dietetic Food, Food borne Illness & its prevention

Dr. Muhammad Kamran Khan

Assistant Professor
PhD (France) , Postdoc. (Australia)
Specialization: Food Chemistry and Analysis, Application of ultrasound in food processing

Dr. Muhammad Imran

Assistant Professor
PhD (UAF)
Specialization: Processing technologies for oilseed crop with special emphasis on anti-nutritional compounds

Dr. Nazir Ahmad

Assistant Professor
PhD (France)
Specialization: Health Biotechnology, Nutrition & Food Metabolism

Dr. Ali Imran

Assistant Professor
PhD (UAF)
Specialization: Human Nutrition, Dietary cure for metabolic syndrome, Functional Foods & Nutraceuticals

Dr. Muhammad Sajid Arshad

Assistant Professor
PhD (UAF) Postdoc. (South Korea)
Specialization: Meat Science and Nutrition, Functional Foods, Food Irradiations, Halal Foods

Dr. Adeela Yasmin

Assistant Professor
PhD (UAF)
Specialization: Clinical Nutrition, Prebiotics, Dairy Technology

Dr. Bushra Niaz

PhD (UAF)
Assistant Professor
Specialization: Food Microbiology & Biotechnology

Dr. Aftab Ahmad

Assistant Professor
PhD (GCUF)
Specialization: Food & Nutrition

Dr. Rashida Parveen

Assistant Professor
PhD (UAF)
Specialization: Meat Technology

Mr. Muhammad Afzaal

Lecturer
M.Sc (Hons) (UAF)
Specialization: Food Microbiology & Biotechnology

Ms. Hafiza Saima Tahir

Lecturer
M.Sc (Hons) (UAF)
Specialization: Dairy Technology

Dr. Farhana Nosheen

Assistant Professor
PhD (UAF)
Specialization: Agriculture Extension

Ms. Uzma Khalid

Lecturer
M.Sc (UAF)
Specialization: Food and Nutrition

Ms. Sumaira Rehman

Lecturer
M.Sc (UOP)
Specialization: Management Studies

Ms. Umaira Bilal

Lecturer
MS (GCUF)
Specialization: Textiles and Clothing

Ms. Sabeen Rehman

Lecturer
M.Sc (PU)
Specialization: Art & Design

**Ms. Sidra Shahzadi**

Bachelor in Fine Arts (GCUF)

Lecturer

Specialization: Fine Art and Textile Design

Ms. Zunaira Tahir

Lecturer

MS (GCUF)

Specialization: Food and Nutrition

Ms. Unsa Noureen

Lecturer

MS (UAF)

Specialization: Textiles and Clothing

Mr. Haroon Munir

Teaching Assistant

M.Sc (Hons.) (UAF)

Specialization: Fruits and Vegetable Processing

Scheme of Studies**BS Food Science & Technology**

| Semester 1 | | |
|------------|---|--------|
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| | OR | |
| BOT-303 | Functional Biology-I | 3(2-1) |
| STA-322 | Introduction to Statistical Theory - I | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| PST-321 | Pakistan Studies | 2(2-0) |
| ENG-321 | Functional English | 3(3-0) |
| BCH-306 | Essentials of Biochemistry | 3(3-0) |
| FST-301 | Introduction to Food Science & Technology | 3(2-1) |
| Semester 2 | | |
| MTH-322 | Introduction to Calculus | 3(3-0) |
| | OR | |
| BOT-306 | Functional Biology-II | 3(2-1) |
| STA-323 | Introduction to Statistical Theory - II | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| ENG-322 | English comprehension and composition | 3(3-0) |
| FST-302 | Food Production | 3(2-1) |
| FST-304 | Food Processing & Preservation | 3(2-1) |

| HND-301 | Principles of Human Nutrition | 3(3-0) |
|------------|---|---------|
| Semester 3 | | |
| PHY-322 | Fundamentals of Electricity and Magnetism | 3(2-1) |
| FST-403 | Food Quality Management | 2(2-0) |
| FST-405 | Food Safety | 3(3-0) |
| FST-407 | Instrumental Techniques in Food Analysis | 3(1-2) |
| FST-409 | Food Chemistry | 3(3-0) |
| MIC-301 | Introductory Microbiology | 3(2-1) |
| Semester 4 | | |
| FST-402 | Food Business Management | 3 (2-1) |
| FST-404 | Dairy Technology | 3 (2-1) |
| FST-406 | Unit Operation in Food Processing | 3(2-1) |
| PHY-323 | Concept of Modern Physics | 3(2 -1) |
| FST-408 | Fruits and Vegetables Processing | 3(2-1) |
| FST-410 | Food Process Engineering | 3 (2-1) |
| Semester 5 | | |
| FST-501 | Cereal Technology | 3(2-1) |
| FST-503 | Sugar Technology | 3(2-1) |
| FST-505 | Technology of Fats and Oils | 3(2-1) |
| MIC-509 | Food Microbiology | 3(2-1) |
| FST-507 | Beverage Technology | 3 (2-1) |
| FST-509 | Meat Technology | 3(2-1) |
| Semester 6 | | |
| HND-302 | Community Nutrition | 3(2-1) |
| FST-504 | Food Plant Layout and Sanitation | 2 (2-0) |
| FST-506 | Confectionery and Snack Foods | 3(2-1) |
| FST-508 | Bakery Products Technology | 3 (2-1) |
| FST-510 | Postharvest Technology | 3(2-1) |
| FST-512 | Food Product Development | 3(2-1) |
| FST-514 | Research Projects and Scientific Writing | 2(1-1) |
| Semester 7 | | |
| FST-601 | Extrusion Technology | 3(2-1) |
| FST-603 | Fundamentals of Halal Foods | 3(3-0) |
| FST-605 | Food Laws & Regulations | 3(3-0) |
| BIT-605 | Food and Bioprocess Technology | 3(2-1) |
| FST-607 | Food Biotechnology | 3(2-1) |
| FST-609 | Food Packaging | 3(2-1) |

| FST-611 | Poultry, Egg and Fish Processing | 3(2-1) |
|------------|----------------------------------|----------|
| Semester 8 | | |
| FST-632 | Internship | 10(0-10) |

BS Human Nutrition & Dietetics

| Semester 1 | | |
|------------|---|--------|
| FST-301 | Introduction to Food Science & Technology | 3(2-1) |
| HND-301 | Principles of Human Nutrition | 3(3-0) |
| ENG-321 | Functional English | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| PST-321 | Pakistan Studies | 2(2-0) |
| PSY-422 | Introduction to Psychology | 3(3-0) |
| BCH-306 | Essentials of Biochemistry | 3(3-0) |
| Semester 2 | | |
| HND-302 | Community Nutrition | 3(2-1) |
| FST-302 | Food processing & Preservation | 3(2-1) |
| HND-304 | Fundamentals of Halal Foods | 3(3-0) |
| MIC-509 | Food Microbiology | 3(2-1) |
| ENG-322 | English comprehension & composition | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| Semester 3 | | |
| HND-401 | Dietetics I | 3(2-1) |
| HND-403 | Contemporary nutrition | 2(2-0) |
| HND-405 | Metabolism of Nutrients | 3(3-0) |
| HND-407 | Analytical Tools in Food & Nutrition | 3(1-2) |
| AHS-303 | General Human Anatomy | 3(2-1) |
| AHS-302 | General Pathology | 3(2-1) |
| BIT-405 | Introduction to Biotechnology | 3(2-1) |
| Semester 4 | | |
| HND-402 | Dietetics II | 3(2-1) |
| HND-404 | Life Cycle Nutrition | 3(3-0) |
| HND-406 | Food Safety & Toxicology | 3(3-0) |
| HND-408 | Assessment of Nutritional status | 3(2-1) |
| AHP-301 | Basic and Applied Anatomy | 3(3-0) |
| STA-322 | Introduction to Statistical Theory-I | 3(3-0) |
| Semester 5 | | |

| | | |
|-------------------|--|----------|
| HND-501 | Nutrients Drugs Interaction | 3(3-0) |
| HND-503 | Functional Foods & Nutraceuticals | 3(3-0) |
| HND-505 | Meal planning & management | 3(2-1) |
| HND-507 | Nutrition in Emergency | 3(3-0) |
| HND-509 | Nutritional Biochemistry | 3(3-0) |
| PHS-301 | Functional Anatomy and Physiology-I | 3(2-1) |
| Semester 6 | | |
| HND-502 | Clinical and Therapeutic Nutrition | 3(2-1) |
| HND-504 | Diet Modeling and Counseling | 3(1-2) |
| HND-506 | Vitamins & Minerals in Nutrition | 3(3-0) |
| BCH-602 | Biochemistry of Diseases | 3(1-2) |
| PHS-302 | Functional Anatomy and Physiology-I | 3(2-1) |
| PHM-701 | General Pharmacology | 3(3-0) |
| Semester 7 | | |
| HND-601 | Medical Nutrition Therapy | 3(2-1) |
| HND-603 | Nutrition in exercise & sports | 3(3-0) |
| HND-605 | Nutritional Deficiency Disorders | 3(2-1) |
| HND-607 | Infant and Young Child Feeding | 3(2-1) |
| HND-609 | Research Projects and Scientific Writing | 2(1-1) |
| HND-611 | Nutrition Policy and Public Health | 3(3-0) |
| Semester 8 | | |
| HND-632 | Internship | 10(0-10) |

BS Home Economics

| | | |
|-------------------|--|--------|
| Semester 1 | | |
| HEC-301 | Introduction to Home Economics | 2(2-0) |
| HEC-303 | Fundamentals of Food & Nutrition | 3(2-1) |
| HEC-305 | Introduction to Art and Design | 3(2-1) |
| ENG-321 | Functional English | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| BOT-303 | Functional Biology | 3(2-1) |
| Semester 2 | | |
| HEC-302 | Meal Management | 3(2-1) |
| HEC-304 | Textiles and Clothing | 3(2-1) |
| HEC-306 | Applied Art and Design | 3(2-1) |
| ENG-322 | English Comprehensive & Composition | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |

| | | |
|---|--|--------|
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| BCH-301 | Introductory Biochemistry | 4(3-1) |
| Semester 3 | | |
| HEC-401 | Home Management & Housing | 3(2-1) |
| HEC-403 | Clothing and Consumer Education | 3(2-1) |
| HEC-405 | Life Span Development | 3(2-1) |
| HEC-407 | Family Economics | 3(3-0) |
| SOC-307 | Introduction to Sociology | 3(3-0) |
| ENG-421 | Communication Skills | 3(3-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| Semester 4 | | |
| HEC-402 | Applied Housing & Home Management | 3(2-1) |
| HEC-404 | Family and Community Development | 3(2-1) |
| HEC-406 | Entrepreneurship Development | 3(3-0) |
| PHY-424 | Household Physics | 3(2-1) |
| STA-507 | Biostatistics | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| Semester 5 | | |
| HEC-408 | Home Economics Education, Administration & Supervision | 3(3-0) |
| Food Nutrition and Dietetics | | |
| HEC-501 | Physiological Aspects of Nutrition | 3(2-1) |
| HEC-503 | Experimental Foods | 3(2-1) |
| HEC-505 | Advanced Nutrition | 3(2-1) |
| HEC-507 | Introduction to Dietetics | 3(2-1) |
| HEC-511 | Institutional Management | 3(3-0) |
| Major Courses (Textiles & Clothing) | | |
| HEC-513 | Textile chemistry -I (Natural Fiber) | 3(2-1) |
| HEC-515 | Pattern Making | 3(1-2) |
| HEC-517 | Fashion Designing and Illustrations | 3(1-2) |
| HEC-519 | Advanced textile | 3(2-1) |
| HEC-521 | Marketing and merchandizing | 3(3-0) |
| Semester 6 | | |
| Major Courses (Food Nutrition and Dietetics) | | |
| HEC-502 | Public Health Nutrition | 3(2-1) |
| HEC-504 | Nutritional Biochemistry I | 3(3-0) |
| MIC-509 | Food Microbiology | 3(2-1) |
| HEC-506 | Dietetics II (Advanced Dietetics) | 3(2-1) |

| | | |
|---|--|--------|
| HEC-508 | Applied Nutrition | 3(3-0) |
| Major Courses (Textiles & Clothing) | | |
| HEC-510 | Textiles Computer aided Design | 3(1-2) |
| HEC-512 | Textile Chemistry II (Man Made Fiber) | 3(2-1) |
| HEC-514 | Textile testing | 3(3-0) |
| HEC-516 | Fundamentals of Drapping | 3(1-2) |
| HEC-518 | Textile dyeing and printing | 3(2-1) |
| Semester 7 | | |
| *HEC-631 | Project | 4(0-4) |
| Major Courses (Food Nutrition and Dietetics) | | |
| HEC-633 | Preventive nutrition | 3(2-1) |
| HEC-635 | Nutritional biochemistry II | 3(3-0) |
| HEC-637 | Nutritional Immunology | 3(2-1) |
| HEC-639 | Life Cycle Nutrition | 3(3-0) |
| HEC-641 | Sports Nutrition | 3(3-0) |
| Major Courses (Textiles & Clothing) | | |
| HEC-645 | Dress designing through Draping | 3(1-2) |
| HEC-647 | Applied Textile Designing | 3(2-1) |
| HEC-649 | Experimental textile | 3(3-0) |
| HEC-651 | Textile and clothing industrial management | 3(2-1) |
| HEC-653 | Economics social and psychological aspects of clothing | 3(3-0) |
| Semester 8 | | |
| HEC-632 | Internship | 6(0-6) |
| * for all the student in Semeter 5,6,& 7 | | |

MS/PhD Food Science & Technology

| | | |
|---------|--|--------|
| FST-701 | Food Additives | 3(2-1) |
| FST-702 | Food Toxicology | 3(3-0) |
| FST-703 | Advanced Food Chemistry | 3(2-1) |
| FST-704 | Food Enzymology | 3(2-1) |
| BIT-790 | Advances in Food Biotechnology | 3(3-0) |
| MIC-724 | Food and Dairy Microbiology | 3(2-1) |
| FST-705 | Recent Advances in Food Science and Technology | 3(3-0) |
| FST-706 | Advanced Beverage Technology | 3(2-1) |
| FST-707 | Food Quality Assurance Management | 3(3-0) |



| | | |
|---|---|--------|
| FST-708 | Food Chain Management | 3(3-0) |
| FST-709 | Milling of Cereals | 3(2-1) |
| FST-710 | Baking Science and Technology-I | 3(2-1) |
| FST-711 | Baking Science and Technology-II | 3(2-1) |
| FST-712 | Starch Chemistry and Technology | 2(2-0) |
| FST-713 | Dairy Processing-I | 3(2-1) |
| FST-714 | Dairy processing –II | 3(2-1) |
| FST-715 | Chemistry of Edible Oils and Fats | 3(2-1) |
| FST-716 | Industrial Processing Technol. of Edible Oils & Fats Products | 3(2-1) |
| FST-717 | Technology of Spices and Condiments | 3(3-0) |
| FST-718 | Meat Science | 3(2-1) |
| FST-719 | Technology of Processed Meat | 3(2-1) |
| FST-720 | Prebiotics and probiotics | 3(3-0) |
| FST-721 | Functional Foods and Nutraceuticals | 3(2-1) |
| FST-722 | Postharvest Management | 3(3-0) |
| FST-723 | Food Packaging | 3(2-1) |
| FST-724 | Physical Properties of Food | 3(2-1) |
| FST-725 | Food Industrial Waste Management | 3(3-0) |
| Mandatory Requirements For MPhil | | |
| STA-795 | Statistics for Research | 3(2-1) |
| FST-727 | Special Problem | 1(0-1) |
| FST-728 | Seminar (Gernal) | 1(0-1) |
| FST-729 | Seminar (Research) | 1(0-1) |
| FST-730 | Thesis | 6(0-6) |
| Mandatory Requirements For PhD | | |
| STA-795 | Statistics for Research | 3(2-1) |
| FST-757 | Special Problem | 1(0-1) |
| FST-758 | Seminar (General) | 1(0-1) |
| FST-759 | Seminar (Research) | 1(0-1) |
| FST-760 | Thesis | |

MS /PhD Human Nutrition & Dietetics

| | | |
|---|--|--------|
| HND-701 | Advanced human nutrition | 3(3-0) |
| HND-702 | Nutritional epidemiology | 3(3-0) |
| HND-703 | Clinical assessment of nutritional status | 3(2-1) |
| HND-704 | Human immunology and nutrition | 2(2-0) |
| HND-705 | Biochemical, physiological, and genetic aspects of human nutrition | 3(3-0) |
| HND-706 | Cell biology and nutrition | 3(3-0) |
| HND-707 | Metabolism of bioactive nutrients | 3(3-0) |
| HND-708 | Processes in clinical nutrition | 3(2-1) |
| HND-709 | Advanced techniques in food analysis | 3(1-2) |
| HND-710 | Advanced medical therapy | 3(2-1) |
| HND-711 | Pathophysiologic basis of metabolic diseases | 3(3-0) |
| HND-712 | Health benefits of functional foods | 3(3-0) |
| HND-713 | Dietary interventions in public health | 3(2-1) |
| HND-714 | Metabolic interrelationships: macronutrients | 3(3-0) |
| HND-715 | Geriatric nutrition | 3(3-0) |
| HND-716 | Pre-therapy and allied health | 3(3-0) |
| HND-717 | Nutritional genomics | 3(3-0) |
| HND -718 | Pathophysiology of obesity | 3(3-0) |
| HND-719 | Project designing in nutrition | 2(1-1) |
| Mandatory Requirements For MPhil | | |
| STA-795 | Statistics for Research | 3(2-1) |
| HND-727 | Special Problem | 1(0-1) |
| HND-728 | Seminar (General) | 1(0-1) |
| HND-729 | Seminar (Research) | 1(0-1) |
| HND-730 | Thesis | 6(0-6) |
| Mandatory Requirements For PhD | | |
| STA-795 | Statistics for Research | 3(2-1) |
| HND-757 | Special Problem | 1(0-1) |
| HND-758 | Seminar (General) | 1(0-1) |
| HND-759 | Seminar (Research) | 1(0-1) |
| HND-760 | Thesis | --- |

MS Food Safety & Quality Management

| | | |
|--------------------------------------|--|--------|
| FSQ-701 | Food Safety and Quality Management | 3(3-0) |
| FSQ-702 | Food Microbiology and Toxicology | 3(3-0) |
| FSQ-703 | Food Laws, Regulations and Auditing | 3(3-0) |
| FSQ-704 | Public Health and Nutrition | 3(3-0) |
| FSQ-705 | Safe Food Supply Chain Management | 3(3-0) |
| FSQ-706 | Food labeling, authenticity and traceability | 3(3-0) |
| FSQ-707 | Food Technology and Packaging | 3(3-0) |
| FSQ-708 | Consumer Behavior and Preferences | 3(3-0) |
| FSQ-709 | Food Sampling and analysis techniques | 3(3-0) |
| FSQ-710 | Global issues in food Security and Safety | 3(3-0) |
| Mandatory Requirements For MS | | |
| STA-795 | Statistics for Research | 3(2-1) |
| FSQ-727 | Special Problem | 1(0-1) |
| FSQ-728 | Seminar (General) | 1(0-1) |
| FSQ-729 | Seminar (Research) | 1(0-1) |
| FSQ-730 | Thesis | 6(0-6) |





Directorate of Medical Sciences

Phone: 041-9200876
Email: dms@gcuf.edu.pk



College of Allied Health Professionals

Vision:

To provide the advancement in Medical Sciences through provision of skillful, ethical, and compassionate Allied health Professionals.

Mission:

To produce the leading allied health experts dedicated to provide the best health care services for the patient and able to focus on high quality research that extends beyond allied health sciences to all scientific disciplines that impact the health of patients as well as wider community.

Introduction:

College of Allied Health professionals was established under the flagship of Directorate of Medical Sciences at Government College University, Faisalabad, Pakistan in 2012. In the initial phase 2-Year and 4-Year degree programs were offered in the field Medical Laboratory Technology (MLT), Radiography and Imaging Technology (RIT) and Operation Theatre Technology (OTT). The College of Allied Health professionals with its 6 highly dedicated and experienced faculty members continues to maintain and cultivate its links with the hospitals and health care settings within the country.

Faculty

Dr. Imtiaz Mahmood Tahir

Assistant Professor / In-Charge
Specialization: Human Diagnostics, Clinical Pharmacology, Cancer Genetics & Chemotherapy Resistance

Dr. Naheed Akhtar

Assistant Professor
Specialization: Biochemistry, Clinical Chemistry, Pharmacogenomics, Pharmaceutical analysis

Dr. Mohsin Khurshid

Assistant Professor
Specialization: Microbiology, Immunology, Infectious Diseases, Antimicrobial Resistance, Molecular Biology, Host-pathogen Interaction

Mr. Muammad Naeem

Lecturer
Specialization: Surgical Technology, Clinical Microbiology, Operation Theatre Sterilization

Ms. Naila Iftikhar (Contract)

Research Officer
Specialization: Medical Imaging Sciences

Ms. Sadia Sana (Contract)

Research Officer
Specialization: Medical Imaging Sciences

College of Allied Health Professionals

1. BS Medical Laboratory Technology (MLT)
2. BS Radiography & Imaging Technology (RIT)
3. BS Operation Theatre Technology (OTT)

College of Physical Therapy

Doctor of Physical Therapy (DPT)

Department of Orthotics & Prosthetics

BS Orthotics & Prosthetics

Department of Eastern Medicine

1. Bachelor of Eastern Medicine and Surgery (BEMS)
2. MPhil Phytomedicine
3. PhD Medicine (Mualajat)

Department of Public Health

Master of Public Health (MPH)

Director: Prof. Dr. Abid Rashid

Scheme of Studies : BS Operation Theater Technology

| Semester 1 | | |
|------------|---|---------|
| AHP-301 | Basic and Applied Anatomy | 4(3-1) |
| PHS-301 | Basic Physiology | 4(3-1) |
| PSY-407 | Social Psychology | 3(3-0) |
| ENG-321 | Functional English | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| Semester 2 | | |
| AHP-302 | Pathology | 4(3-1) |
| PHM-412 | Pharmacology & Therapeutics | 4(3-1) |
| BCH-301 | Introductory Biochemistry | 4(3-1) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| PST-321 | Pakistan Studies | 2 (2-0) |
| OTT-302 | Fundamentals of Operation Theatre Technology | 2(2-0) |
| Semester 3 | | |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| MIC-301 | Intoductory Microbiology | 3(2-1) |
| OTT-401 | Principles of Surgery | 4(3-1) |
| OTT-403 | Operation Theatre Instruments & Techniques-I | 3(2-1) |
| AHP-401 | Community Medicine | 3(2-1) |
| OTT-407 | Operating Room Skills-I | 2(0-2) |
| Semester 4 | | |
| ENG-422 | Technical Writing | 3(3-0) |
| OTT-402 | Surgical Procedures & Skills-I | 4(3-1) |
| OTT-404 | Basic Anesthesia & Techniques | 3(2-1) |
| OTT-406 | Surgical Pharmacology | 3(2-1) |
| OTT-408 | Operation Theatre Instruments & Techniques-II | 3(2-1) |
| OTT-410 | Operating Room Skills-II | 2(0-2) |
| Semester 5 | | |
| OTT-501 | Surgical Anatomy-I | 4(3-1) |
| AHP-503 | Clinical Pathology | 3(2-1) |
| PHY-329 | Medical Physics | 4(3-1) |
| OTT-505 | Operation Theater Technology – I | 4(3-1) |
| OTT-507 | Operating Room Skills-III | 2(0-2) |

| Semester 6 | | |
|------------|---|---------|
| OTT-502 | Operation Theater Technology – II | 4 (3-1) |
| OTT-504 | Sterilization and Disinfection | 4 (3-1) |
| OTT-506 | Surgical Anatomy-II | 3 (2-1) |
| OTT-508 | Advanced Diagnostic Techniques | 4 (3-1) |
| OTT-510 | Critical Care | 3 (3-0) |
| Semester 7 | | |
| AHP-601 | Forensic Medicine | 3 (3-0) |
| STA-507 | Biostatistics | 3 (3-0) |
| OTT-603 | Operation Theatre Management | 3 (2-1) |
| OTT-605 | Clinical & Applied Microbiology | 3 (2-1) |
| OTT-607 | Surgical Procedures & Skills-II | 3 (2-1) |
| OTT-609 | Advanced Anesthesia & Techniques | 3 (2-1) |
| Semester 8 | | |
| AHP-602 | Epidemiology | 3(3-0) |
| BIN-422 | Introducation to Bioinformatics | 3(2-1) |
| OTT-604 | Biomaterials & Surgical Implants | 3(2-1) |
| OTT-606 | Operation Theatre Design & Reconstruction | 3(2-1) |
| OTT-631 | Project | 3(0-3) |

BS Radiography & Imaging Technology

| Semester 1 | | |
|------------|--|---------|
| AHP-301 | Basic and Applied Anatomy | 4(3-1) |
| PHS-301 | Basic Physiology | 4(3-1) |
| PSY-407 | Social Psychology | 3(3-0) |
| ENG-321 | Functional English | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| Semester 2 | | |
| AHP-302 | Pathology | 4(3-1) |
| PHM-412 | Pharmacology and Therapeutics | 4(3-1) |
| BCH-301 | Introductory Biochemistry | 4 (3-1) |
| CSI-321 | Introduction to Computing Applications | 3 (2-1) |
| PST-321 | Pakistan Studies | 2 (2-0) |
| RIT-302 | Fundamentals of Radiography & Imaging Technology | 2 (2-0) |

| Semester 3 | | |
|------------|---------------------------------------|---------|
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| MIC-301 | Introductory Microbiology | 3 (2-1) |
| RIT-401 | Regional & Imaging Anatomy-I | 4 (3-1) |
| RIT-403 | Radiation Science & Technology-I | 4 (3-1) |
| RIT-405 | Medicine-1 | 3 (2-1) |
| AHP-401 | Community Medicine | 3(2-1) |
| Semester 4 | | |
| ENG-422 | Technical Writing | 3(3-0) |
| RIT-402 | General Radiology | 4 (3-1) |
| RIT-404 | Medicine-2 | 4 (3-1) |
| RIT-406 | Radiation Science & Technology-II | 4 (3-1) |
| RIT-408 | Neuroanatomy | 4 (3-1) |
| Semester 5 | | |
| RIT-501 | Clinical Pharmacology | 4 (3-1) |
| RIT-503 | CT SCAN | 4 (3-1) |
| RIT -505 | Regional & Imaging Anatomy-II | 4 (3-1) |
| RIT -507 | Mammography | 3 (2-1) |
| RIT -509 | Diagnostic Imaging Skills | 2 (0-2) |
| Semester 6 | | |
| RIT -502 | Surgery-I | 4 (3-1) |
| RIT -504 | Nuclear Medicine-I | 4 (3-1) |
| RIT -506 | Special Radiological Techniques | 3 (2-1) |
| RIT -508 | Ultrasound/Doppler | 4 (3-1) |
| RIT -510 | Fluoroscopy | 2 (2-0) |
| Semester 7 | | |
| AHP-601 | Forensic Medicine | 3 (3-0) |
| STA-507 | Biostatistics | 3 (3-0) |
| RIT-601 | MRI-I | 4 (3-1) |
| RIT-603 | Angiography & Cardiac Imaging-I | 4 (3-1) |
| RIT-605 | Echocardiography | 3 (2-1) |
| Semester 8 | | |
| RIT-602 | Angiography & Cardiac Imaging-II | 3 (2-1) |
| RIT-604 | Nuclear Medicine-II | 3 (2-1) |
| RIT-606 | MRI-II | 3 (2-1) |
| RIT-608 | Surgery-I | 3 (2-1) |
| RIT-631 | Project | 3(0-3) |

BS Medical Laboratory Technology

| Semester 1 | | |
|------------|--|---------|
| AHP-301 | Basic and Applied Anatomy | 4 (3-1) |
| PHS-301 | Basic Physiology | 4 (3-1) |
| PSY-407 | Social Psychology | 3 (3-0) |
| ENG-321 | Functional English | 3 (3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| Semester 2 | | |
| AHP-302 | Pathology | 4 (3-1) |
| PHM-412 | Pharmacology and Therapeutics | 4 (3-1) |
| BCH-301 | Introductory Biochemistry | 4 (3-1) |
| CSI-321 | Introduction to Computing Applications | 3 (2-1) |
| PST-321 | Pakistan Studies | 2 (2-0) |
| MLT-302 | Fundamentals of Medical Lab Technology | 2 (2-0) |
| Semester 3 | | |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| MIC-301 | Introductory Microbiology | 3 (2-1) |
| MLT-401 | General Hematology | 4 (3-1) |
| AHP-503 | Clinical Pathology | 3 (2-1) |
| MLT-405 | Clinical Lab Practice-I | 3 (0-3) |
| AHP-401 | Community Medicine | 3(2-1) |
| Semester 4 | | |
| ENG-422 | Technical Writing | 3(3-0) |
| MLT-402 | Clinical Biochemistry | 4 (3-1) |
| MIC-404 | Immunology | 3 (2-1) |
| MLT-404 | Histopathology & Histotechnology | 4 (3-1) |
| MLT-406 | Clinical Lab Practice-II | 3 (0-3) |
| Semester 5 | | |
| MLT-501 | Clinical Parasitology | 3 (2-1) |
| MLT-503 | Immunohematology & Transfusion Medicine | 3 (2-1) |
| MLT-505 | Clinical Bacteriology | 4 (3-1) |
| MLT-507 | Biosafety and Hazards | 2 (2-0) |
| MLT-509 | Medical Instrumentations & Software Applications | 3 (3-0) |

| MLT-511 | Clinical Lab Practice-III | 3 (0-3) |
|------------|---|---------|
| Semester 6 | | |
| MLT-502 | Cytology & Cytotechnology | 3 (2-1) |
| BIT-302 | Molecular Biology | 4 (3-1) |
| MLT-504 | Clinical Virology & Mycology | 3 (2-1) |
| MLT-506 | Advanced Hematology | 3 (2-1) |
| MLT-508 | Advanced Immunology | 3 (2-1) |
| MLT-510 | Clinical Lab Practice-IV | 3 (0-3) |
| Semester 7 | | |
| AHP-601 | Forensic Medicine | 3 (3-0) |
| STA-507 | Biostatistics | 3 (3-0) |
| MLT-601 | Advanced Clinical Biochemistry | 4 (3-1) |
| MLT-603 | Advanced Clinical Microbiology | 4 (3-1) |
| MLT-605 | Advanced Molecular Biology | 4 (3-1) |
| MLT-607 | Advanced Diagnostic & Biomedical Techniques | 3 (2-1) |
| MLT-609 | Quality Assurance Management | 2 (2-0) |
| MLT-611 | Clinical Genetics | 3 (2-1) |
| Semester 8 | | |
| AHP-602 | Epidemiology | 3 (3-0) |
| BIN-422 | Introduction to Bioinformatics | 3 (2-1) |
| PHS-503 | Endocrinology | 3 (2-1) |
| MLT-602 | Clinical Laboratory Management | 3 (3-0) |
| MLT-631 | Project | 3(0-3) |



College of Physical Therapy

Vision:

To be a leading College in transformative and innovative education for Rehabilitation (health) professionals, guided by National imperatives and a strong commitment to socially responsive education. We will strive for excellence in professional and teaching excellence, as well as in the development of National and global linkages in education, research and development of global health related to the concern areas

Mission:

To developed quality health professionals that are practice-oriented, receptive and responsive to the rehabilitation related health care needs of the people of Pakistan and of world as a whole. This will be achieved by providing the highest standards of learning, teaching, and research and community engagement, underpinned by a commitment to creating space for students and staff to succeed.

Introduction

Physical Therapy is an essential segment of modern health care system. It is a “science of healing and of caring”. It pertains to the clinical examination, evaluation, assessment, diagnosis and treatment of musculoskeletal, Neurological, Cardio-Cascular and Respiratory systems’ functional disorders including symptoms of pain, edema and physiological, structural and psychosomatic ailments. It deals with methods of treatment based on movement, manual therapy, Physical agents, and therapeutics modalities to relieve the pain and other complications. Hence, Physical Therapy covers basic parameters of healing sciences i.e. Preventive, promotive, diagnostic, rehabilitative and curative.

Faculty

Dr. Muhammad Asif Saleem

Lecturer / Incharge
T-DPT (MPhil)

Dr. Awais bin Inam

Lecturer
MS-OMPT

Dr. Ramiza Khalid

Lecturer
PP-CPPT (MPhil)

Dr. Syed Rehan Bukhari

Lecturer
MS-OMPT

Dr. Mehar un Nisa

Lecturer T-DPT (MPhil)

Dr. Rafia Imtiaz

Lecturer (Contract)
TD-DPT

Dr. Muhammad Ans

PP-DPT (MPhil)
Research officer

Dr. Sundas Zahra

Research officer
T-DPT (MPhil)

Dr. Sumroze Abid

Research officer
DPT

Dr. Muntaha

Research officer
DPT

Doctor of Physical Therapy (DPT)

| Semester 1 | | |
|------------|---|--------|
| DPT-301 | Upper Limb & General Anatomy | 4(3-1) |
| DPT-303 | Cardiovascular & Neuromuscular Physiology | 3(2-1) |
| DPT-305 | Introduction to Kinesiology | 3(2-1) |
| ENG-321 | Functional English | 3(3-0) |
| STA-322 | Introduction to Statistical theory-I | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| Semester 2 | | |
| DPT-302 | Lower limb Anatomy & General Histology | 4(3-1) |
| DPT-304 | Visceral Physiology | 3(2-1) |
| DPT-306 | Clinical Kinesiology | 3(2-1) |
| ENG-322 | English Comprehensive & Composition | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| ISL-321 | Islamic Studies | 2(2-0) |

| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
|------------|---|--------|
| Semester 3 | | |
| DPT-401 | Head and Neck Anatomy & Human Embryology | 3(2-1) |
| DPT-403 | Physiology of Reproductive , Nervous & Renal system | 3(2-1) |
| DPT-405 | Introduction to Biomechanics & Ergonomics | 3(3-0) |
| DPT-407 | Biochemistry & Genetics I | 2(2-0) |
| DPT-409 | Introduction to Exercise Physiology | 3(3-0) |
| STA-507 | Biostatistics | 3(3-0) |
| Semester 4 | | |
| DPT-402 | Human Neuro Anatomy | 3(2-1) |
| DPT-404 | Advance techniques in Biomechanics & Ergonomics | 3(2-1) |
| DPT-406 | Behavioral Sciences (Psychiatry & Psychology) | 3(3-0) |
| DPT-408 | Biochemistry & Genetics II | 2(2-0) |
| DPT-410 | Advance Clinical Exercise Physiology | 3(3-0) |
| DPT-412 | Medical Physics in Rehabilitation | 3(2-1) |
| ENG-422 | Technical Writing | 3(3-0) |
| Semester 5 | | |
| DPT-501 | Pathology & Microbiology-I | 2(2-0) |
| DPT-503 | Pharmacology in Rehabilitation-I | 3(3-0) |
| DPT-505 | Physical Agents & Electrotherapy-I | 3(2-1) |
| DPT-507 | Therapeutic Exercises & Techniques | 3(2-1) |
| DPT-509 | Health & Wellness | 2(2-0) |
| DPT-511 | Supervised Clinical Practice-I | 3(0-3) |
| SOC-307 | Introduction to Sociology | 2(2-0) |
| Semester 6 | | |
| DPT-502 | Pathology & Microbiology-II | 3(2-1) |
| DPT-504 | Pharmacology in Rehabilitation-II | 2(2-0) |
| DPT-506 | Physical Agents & Electrotherapy –II | 3(2-1) |
| DPT-508 | Manual Therapy | 3(2-1) |
| DPT-512 | Supervised Clinical Practice-II | 3(0-3) |

| Semester 7 | | |
|-------------|--|--------|
| DPT-601 | Clinical Medicine-I | 3(3-0) |
| DPT-603 | Orthopedic Surgery | 3(3-0) |
| DPT-605 | Radiology & Diagnostic Imaging | 3(2-1) |
| DPT-607 | Musculoskeletal Physical Therapy | 3(2-1) |
| DPT-609 | Human Growth, Development & Community Based Rehabilitation | 2(2-0) |
| DPT-611 | Supervised Clinical Practice-III | 3(0-3) |
| Semester 8 | | |
| DPT-602 | Clinical Medicine-II | 3(3-0) |
| DPT-604 | Advance techniques in General Surgery | 3(3-0) |
| DPT-606 | Neurological Physical Therapy | 3(2-1) |
| DPT-608 | Evidence Based Practice | 3(2-1) |
| DPT-610 | Introduction to Prosthetics & Orthotics | 2(2-0) |
| DPT-612 | Supervised Clinical Practice-IV | 3(0-3) |
| Semester 9 | | |
| DPT-651 | Cardiopulmonary Physical Therapy | 3(2-1) |
| DPT-653 | Emergency Procedures & Primary Care In Physical Therapy | 2(2-0) |
| DPT-655 | Clinical Decision Making & Differential Diagnosis | 3(3-0) |
| DPT-657 | Scientific Inquiry & Research Methodology | 3(3-0) |
| DPT-659 | Professional Practice (Laws , Ethics & Administration) | 2(2-0) |
| DPT-661 | Integumentary Physical Therapy | 2(2-0) |
| DPT-663 | Supervised Clinical Practice-V | 3(0-3) |
| Semester 10 | | |
| DPT-652 | Obstetrics & Gynecological Physical Therapy | 2(2-0) |
| DPT-654 | Pediatric Physical Therapy | 2(2-0) |
| DPT-656 | Gerontology & Geriatric Physical Therapy | 2(2-0) |
| DPT-658 | Sports Physical Therapy | 2(2-0) |
| DPT-660 | Supervised Clinical Practice-VI | 4(0-4) |
| DPT-631 | Project | 6(0-6) |





Department of Orthotics & Prosthetics

Vision

To provide every person who needs a prosthesis (an artificial limb) or an orthosis (an orthopedic brace) access to that device, and, furthermore, they have the rehabilitation services needed to facilitate optimal recovery and functional independence.

Mission

To provide rehabilitation care for people who need prosthetic and orthotic (P&O) services by developing, operating, or supporting P&O clinics; by networking with other NGO's; and by partnering individuals in need with service providers all over the world.

Introduction

Rehabilitation of persons with loco-motor disabilities or neuromuscular disorder is a team work, where Centre of attention is the person with disabilities. The team usually comprises of the Physical medicine and Rehabilitation Specialist (Physiatrist) who is usually the leader, Prosthetist and Orthotist, Physiotherapist, Occupational therapist, Social worker and Rehabilitation Nurse. Depending upon the need, other professionals like Orthopedic Surgeons, engineer, psychologist, geriatrist and other related professionals are also included in the team. The role of Prosthetist and Orthotist is important. Prosthetists and orthotists deal with the assessment, diagnosis and management of the whole of the body. Prosthetists provide artificial limbs (protheses) to people who have all or part of a natural limb missing. Orthotists provide supportive braces and splints (orthoses) to people with various conditions of the limbs or spine.

Faculty

Dr. Awais Bin Inam

Lecturer/ Incharge Orthotics & Prosthetics
MS-OMPT, (PhD Scholar)

Armghhan Anjum

Research Officer Orthotics & Prosthetics
BSc (Hons) Orthotics & Prosthetics (KEMU)

Benish Ali

Research Officer Orthotics & Prosthetics
BSc (Hons) Orthotics & Prosthetics (RMC)

BS Orthotics & Prosthetics

| Semester 1 | | |
|------------|--|---------|
| BOP- 301 | Introduction to Orthotics & Prosthetics and Workshop | 4 (4-0) |
| DPT- 406 | Behavioral Sciences (Psychiatry & Psychology) | 2 (2-0) |
| MTH-321 | Algebra and Trigonometry | 3 (3-0) |
| ENG- 321 | Functional English | 3 (3-0) |
| PHY-321 | Fundamentals of Mechanics | 3(2-1) |
| ISL- 321 | Islamic Studies | 2 (2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| Semester 2 | | |
| BOP- 302 | Materials Technology | 3 (3-0) |
| DPT- 301 | Upper Limb & General Anatomy | 3 (2-1) |
| PHS-301 | Basic Physiology | 4 (3-1) |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| PST- 321 | Pakistan Studies | 2 (2-0) |
| BCH- 301 | Introductory Biochemistry | 4 (3-1) |
| Semester 3 | | |
| DPT- 302 | Lower limb Anatomy | 3 (2-1) |
| PSH-404 | Physiology of Nervous system | 3 (2-1) |
| PSH- 409 | Neuro-muscular Physiology | 3 (2-1) |
| AHP- 302 | Pathology | 2 (2-0) |
| BOP- 401 | Orthopaedic interventions in orthotics & Prosthetics | 3 (3-0) |
| BOP- 403 | Introduction to Physiotherapy | 2 (2-0) |
| BOP-405 | Technical Drawing | 3(2-1) |
| Semester 4 | | |
| DPT- 401 | Head and Neck (vertebral column) | 3 (2-1) |
| BOP- 402 | Rehabilitation and Sports Medicine & Mobility aids | 4 (3-1) |
| BOP- 404 | Metal Work | 3 (2-1) |
| BOP- 406 | Electro Work | 3 (2-1) |
| BOP- 408 | Lathe Machine Work | 3 (2-1) |
| STA-507 | Biostatistics | 2 (2-0) |
| Semester 5 | | |
| BOP- 501 | Upper Limb Orthotics-I | 3 (2-1) |
| BOP- 503 | Spinal Orthotics-I | 3 (2-1) |
| BOP- 505 | Lower Limb Orthotics-I | 3 (2-1) |

| BOP- 507 | Upper Limb Prosthetics-I | 3 (2-1) |
|------------|---|---------|
| BOP- 509 | Lower Limb Prosthetics-I | 3 (2-1) |
| BOP- 511 | Biomechanics-I | 3 (3-0) |
| Semester 6 | | |
| BOP- 502 | Upper Limb Orthotics-II | 3 (2-1) |
| BOP- 504 | Spinal Orthotics-II | 3 (2-1) |
| BOP- 506 | Lower Limb Orthotics-II | 3 (2-1) |
| BOP- 508 | Upper Limb Prosthetics-II | 3 (2-1) |
| BOP- 510 | Lower Limb Prosthetics-II | 3 (2-1) |
| BOP- 512 | Biomechanics-II | 3 (3-0) |
| Semester 7 | | |
| BOP- 601 | Biomechanics-III | 3 (2-1) |
| BOP- 603 | Lower Limb Prosthesis-III | 3 (2-1) |
| BOP- 605 | Lower Limb Orthosis-III | 3 (2-1) |
| BOP- 607 | Scientific Inquiry & Research Methodology | 3 (3-0) |
| BOP- 609 | Workshop practices-I | 3 (0-3) |
| ENG-422 | Technical Writing | 3(3-0) |
| Semester 8 | | |
| ELT- 321 | Fundamentals of Electricity and Electronics | 3 (3-0) |
| CIT- 639 | CAD-CAM Technology | 3 (2-1) |
| BOP- 602 | Workshop practices-II | 4 (0-4) |
| BOP- 631 | Project | 6 (0-6) |



Department of Eastern Medicine



Vision

To attain the highest level of glory and excellence in the field of Eastern Medicine through quality teaching and research to make this Department as model department for producing highly competent and skillful Clinicians to serve for the benefit of humanity and to contribute to the development of Nation.

Mission

To provide the knowledge and infrastructure to develop Eastern Medicine. Department of Eastern Medicine aims to build capacity of the common people (society) and the professionals to understand Eastern Medicine. This mission of the Department of Eastern Medicine goes well together to execute advance studies and research.

Introduction

The Department of Eastern Medicine and Surgery was established in 2013 at directorate of Medical Sciences, with a mandate to carry teaching and research on various aspects of modern as well as alternative medicine, suggesting measures for the conservation and improvement of population health by treatment and cure for the ailments and complications, especially focusing on utilization of local flora for alternative treatment. The department is offering graduate degree of BEMS in Eastern Medicine and surgery. The degree is approved from Higher Education Commission. The faculty members of this department have published more than 80 research papers (as senior author or co-author) during the last five years. An extensive scheme of studies (containing more than 59 graduate level courses in ten semesters) has been developed and approved for graduate degree program in the field of Eastern Medicine and Surgery, to cope up with whole medical fraternity, all major aspects of modern and alternative medicine are included, such as Anatomy, Physiology, Biochemistry, Clinical methods and therapeutics, Pathology, Community medicine,

Pharmacology, Pharmacognosy, Principles of Eastern medicine, Gynaecology and Obstetrics, Clinical Psychology and Psychiatry, Ophthalmology and ENT, Pediatrics etc. A number of latest books on the subject of Eastern Medicine and Surgery have been purchased and placed in the departmental library for ready reference to the students. In addition, students are encouraged to get electronic copies of latest research papers related their area of research by contacting relevant authors, institutions and publishers etc.

Faculty

Dr. Syed Muhammad Ali Shah

Assistant Professor/Incharge

PhD (HU)

Specialization: Enzyme inhibition study by medicinal plants, Clinical Comparative study of herbal formulation, Antioxidant activity by medicinal plants

Dr. Muhammad Akram

Assistant Professor

PhD (HU)

Specialization: Clinical trials of herbal formulation in gouty arthritis & biological study of medicinal plants

Dr. Sultan Ayaz

Assistant Professor

PhD (HU)

Specialization: Pre-clinical, Clinical and Post Clinical study of herbal formulations

Dr. Muhammad Riaz ur Rehman

Lecturer

PhD (Fellow)

Specialization: Therapeutics, Comparative clinical study on obesity, Formulation and evaluation of herbal combinations

Dr. Hamad Ahmed

Lecturer

PhD (Fellow)

Specialization: Endocrinology (Diabetes mellitus), Comparative study in obese vs diabetics, Clinical study on diabetes using medicinal plant herbs

Dr. Sabira Sultana

Lecturer

PhD (Fellow)

Specialization: Clinical evaluation of herbal medicine and clinical studies

Bachelor of Eastern Medicine and Surgery

| Semester 1 | | |
|------------|--|--------|
| DPT-301 | Upper Limb and General Anatomy | 4(3-1) |
| EMS-303 | History of Eastern Medicine-I | 2(2-0) |
| PHS-301 | Basic Physiology | 3(2-1) |
| ENG-321 | Functional English | 3(3-0) |
| BCH-301 | Introductory Biochemistry | 4(3-1) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| Semester 2 | | |
| DPT-302 | Lower Limb and General Histology | 4(3-1) |
| EMS-302 | Principles of Eastern Medicine-I | 4(3-1) |
| EMS-304 | History of Eastern Medicine | 2(2-0) |
| PHS-302 | Applied Physiology | 3(2-1) |
| BCH-306 | Biochemistry (Cell biology & Genetics) | 3(2-1) |
| PST-321 | Pakistan Studies | 2(2-0) |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| Semester 3 | | |
| DPT-401 | Head and Neck Anatomy and Human Embryology | 3(2-1) |
| EMS-401 | Principle of Eastern Medicine-II | 4(3-1) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| ENG-422 | Technical Writing | 3(3-0) |
| PHS-409 | Physiology of Nervous System | 3(2-1) |
| BCH-502 | Biochemistry (Metabolism) | 3(2-1) |



| Semester 4 | | |
|------------|------------------------------------|--------|
| DPT-402 | Human Neuro Anatomy | 3(2-1) |
| EMS-402 | Principles of Eastern Medicine-III | 3(3-1) |
| EMS-404 | Pharmacognosy-I | 3(2-1) |
| EMS-406 | Materia Medica-I | 3(2-1) |
| PHS-410 | Endocrine Physiology | 3(2-1) |
| BCH-405 | Clinical Biochemistry | 3(2-1) |
| Semester 5 | | |
| EMS-501 | Herbal Pharmacy-I | 4(3-1) |
| EMS-503 | Community Medicine | 3(3-0) |
| EMS-505 | Materia Medica-II | 3(2-1) |
| EMS-507 | Pharmacognosy-II | 3(2-1) |
| EMS-509 | Medicine-I | 4(3-1) |
| MIC-301 | Introductory Microbiology | 3(2-1) |
| Semester 6 | | |
| EMS-502 | Herbal Pharmacy-II | 4(3-1) |
| EMS-504 | Clinical Psychology | 3(2-1) |
| EMS-506 | Materia Medica-III | 3(2-1) |
| EMS-508 | Pharmacognosy-III | 3(2-1) |
| EMS-510 | Medicine-II | 4(3-1) |
| MIC-506 | Medical Microbiology | 3(2-1) |
| Semester 7 | | |
| EMS-601 | General Pathology | 3(2-1) |
| EMS-603 | Surgery-I | 3(2-1) |
| EMS-605 | Psychiatry | 3(2-1) |
| EMS-607 | Gynecology -I | 3(2-1) |
| EMS-609 | Medicine-III | 4(3-1) |
| EMS-611 | Materia Medica-IV | 3(2-1) |
| Semester 8 | | |
| EMS-602 | Systemic Pathology | 3(2-1) |
| EMS-604 | Surgery-II | 3(2-1) |
| EMS-606 | Clinical Diagnostics | 4(3-1) |
| EMS-608 | Gynecology -II | 3(2-1) |
| EMS-610 | Medicine-IV | 4(3-1) |
| EMS-612 | Forensic Medicine and Toxicology-I | 3(2-1) |
| Semester 9 | | |
| EMS-651 | Pediatrics-I | 3(2-1) |

| EMS-653 | Ophthalmology | 3(2-1) |
|-------------|---------------|--------|
| EMS-655 | Obstetrics-II | 3(2-1) |
| EMS-657 | Medicine-V | 4(3-1) |
| EMS-659 | Surgery-III | 3(2-1) |
| STA-507 | Biostatistics | 3(3-0) |
| Semester 10 | | |
| EMS-652 | Pediatrics-II | 3(2-1) |
| EMS-654 | ENT | 3(2-1) |
| EMS-656 | Obstetrics-II | 3(2-1) |
| EMS-658 | Medicine-VI | 4(3-1) |
| EMS-631 | Project | 6(0-6) |

MPhil Phytomedicine

| PTM-701 | Phytomedicine-I | 3(2-1) |
|----------------------------------|--|--------|
| PTM-702 | Phytomedicine-II | 3(2-1) |
| PTM-703 | Phytochemistry | 3(2-1) |
| PTM-704 | Key Medicinal Plants for Developing Eastern Medicine Drugs | 3(3-0) |
| PTM-705 | Principles and Practices of Drug Development | 3(2-1) |
| PTM-706 | Contemporary Use of Herbal Drugs in Unani Medicine | 3(2-1) |
| PTM-707 | Common Unani Drugs for Specific Ailments | 3(2-1) |
| PTM-708 | Computer Applications in Clinical Research | 3(3-0) |
| PTM-709 | Designing Clinical Research | 3(3-0) |
| Mandatory Requirements for MPhil | | |
| STA-795 | Statistics for Research | 3(2-1) |
| PTM-728 | Seminar (General) | 1(0-1) |
| PTM-729 | Seminar (Research) | 1(0-1) |
| PTM-730 | Thesis | 6(0-6) |

PhD Medicine (Mualajat)

| EMS-701 | Epidemiology | 3(3-0) |
|--------------------------------|---|--------|
| EMS-702 | Advance Gastroenterology | 4(4-0) |
| EMS-703 | Fundamentals of Clinical Investigation | 4(3-1) |
| EMS-704 | Contemporary Practice of Drug Development | 4(3-1) |
| EMS-705 | Principle of Pharmacology | 3(3-0) |
| EMS-706 | Designing Clinical Research | 4(4-0) |
| EMS-707 | Contemporary Issues in Health Promotion | 2(2-0) |
| Mandatory Requirements for PhD | | |
| STA-795 | Statistics for Research | 3(2-1) |
| EMS-758 | Seminar (General) | 1(0-1) |
| EMS-759 | Seminar (Research) | 1(0-1) |
| EMS-760 | Thesis | --- |



Department of Public Health

Vision

To be a leading College in transformative and innovative education in the field of Public Health, guided by National imperatives and a strong commitment to socially responsive education. We will strive for excellence in professional and teaching excellence, as well as in the development of National and global linkages in disease prevention, health education, medical research and development of global health related to the concern areas.

Mission

To bring a qualitative and quantitative revolution in medical education by providing an environment geared towards promoting research and academic culture in order to improve the existing healthcare system.

Introduction

Public Health Science is a multidisciplinary field that has changed over the years. However, an effective public health system is as urgent as it has ever been. A public health Professional receives education and training in a wide range of disciplines but aim at improving health through a population focus. Public Health education and training not only includes the five long-recognized core components of public health (i.e., epidemiology, biostatistics, environmental health, health services administration and social and behavioral sciences) but new areas are also considered these days as essentials of public health: disease-control, reproductive and child health, informatics, genomics, communication, cultural and social diversity, community-based participatory research, policy and law, global health and ethics. Public health professionals' education and preparedness should be of concern to everyone for this will improve the health of the populations.

Faculty

Prof. Dr. Abid Rashid

M.B.B.S, FCPS (Surgery), C.M.T (Med. Ed.)
Ph. D Scholar (Clinical Medicine & Surgery)
Ex-Professor of Surgery (UHS)

Dr Muhammad Asif

Incharge
MSPH (QAU), PhD (Scholar)
Specialization: Infectious disease epidemiology, Data analysis,

research methodology and environmental health

Dr. Muhammad Nawaz

Lecturer
MPH (IPH)

Dr. M Mazhar Iqbal

Lecturer
MPH (IPH)

Dr. Ume Habiba

Lecturer
MSPH (QAU), PhD (Scholar)
Specialization: Epidemiological Studies, Research Methods and Health Promotion

Master of Public Health (MPH)

| Semester 1 | | |
|------------|---|---------|
| MPH-601 | Foundation of Public Health | 3(3-0) |
| MPH-603 | Basic Epidemiology | 3(3-0) |
| MPH-605 | Basic Biostatistics | 3(3-0) |
| MPH-607 | Communicable and Non communicable disease control | 3(3-0) |
| MPH-609 | Environmental Health and Disaster Management | 3(3-0) |
| MPH-611 | Computer applications in Public health | 3(2-1) |
| Semester 2 | | |
| MPH-602 | Applied Epidemiology and Biostatistics | 3(3-0) |
| MPH-604 | Child health and Preventive Pediatrics | 3(3-0) |
| MPH-606 | Health system analysis, health policy and Planning | 3(3-0) |
| MPH-608 | Health management and Information system | 3 (2-1) |
| MPH-610 | Health education, communication skills and school health services | 3(3-0) |
| MPH-612 | Seminars, presentations and field visits (District) | 3(2-1) |
| Semester 3 | | |
| MPH-613 | Nutrition | 3(3-0) |
| MPH-615 | Hospital Management & Hospital attachment | 3(2-1) |
| MPH-617 | Social & Behavioral sciences in Public Health | 3(3-0) |
| MPH-619 | Reproductive Health and MCH | 3(3-0) |
| MPH-621 | Research methodology and synopsis writing | 3(2-1) |
| MPH-623 | Demography | 3(3-0) |
| Semester 4 | | |
| MPH-680 | Thesis | 6(0-6) |





Department of Microbiology

Phone: 041-9203023
Email: microbiology@gcuf.edu.pk



Vision

To attain the highest level of glory and excellence in the field of Microbiology through quality teaching and research.

Mission

To create an environment conducive for learning through quality teaching and research.

To produce competent and skilled professionals in the field of Microbiology to full fill the future needs of educational institutes.

To prepare researchers to meet the challenges of industry, research organizations, science and technology.

To develop the department as a model department of Microbiology in the country for undergraduate and postgraduate teaching and research.

Introduction

In spite of their very small size, the impact of microbes on the planet is so extensive that life without them is almost impossible. Microbiology is an exceptionally diverse science which deals with the study of microorganisms in relation to disease, industry, medicine, environment and modern biotechnology. The study of microorganisms cannot be overemphasized as they are necessary for the production of bread, cheese, antibiotics, vitamins, organic acids, enzymes, biologics, sera and vaccines. Over and above, microbes also serve as the basis and the major tools in the fields of Molecular Biology, Modern Biotechnology and Genetic Engineering. They are indispensable components of our ecosystem. Unfortunately some microbes cause all the known diseases in humans, animals and plants causing heavy morbidity and mortality.

Department is focusing on academic and research collaborations with different National and International teaching and research institutes as well as with local industries through internship

programs and combined research projects. The key focus is to conduct applied and problem solving research in different fields of Microbiology. In addition to academics and research, students of this department are equally bright and talented in extra-curricular and co-curricular activities and have won a number of laurels for the department.

Microbiology is a broad discipline which has both basic and applied aspects. Many microbiologists are interested primarily in the biology of the microorganisms themselves whereas others may be interested in particular functional processes. Some microbiologists may have an applied orientation and would be interested in practical problems in the fields of medical, pharmaceutical, food, dairy and public health Microbiology. With WTO agreement in offering, every agro-based industry and the industry involved in production and export of biopharmaceuticals, biologics, vaccines, sera and diagnostics will be required to hire a Microbiologist / Immunologist at its strength to satisfy ISO certification needs. Therefore the graduates and post graduate students from Department of Microbiology Government College University Faisalabad will have a very bright and attractive career ahead in public as well as in private sector.

Faculty members of Department of Microbiology have won three research projects under NRPU-2016-17, Four under NRPU-2017-18 from HEC Islamabad and two under RSP-GCUF. About 15 Research papers have been published in Impact Factor Journals during 2017.



Programs Offered

1. BS Microbiology
2. MPhil Microbiology
3. PhD Microbiology

Chairman: Dr. Muhammad Hidayat Rasool

Faculty

Dr. Muhammad Hidayat Rasool

Associate Professor/ Chairman

PhD (UAF)

Specialization: Immunology, Molecular Virology, Cell Culture, Vaccinology.

(HEC Approved Supervisor)

Dr. Muhammad Asif Zahoor

Assistant Professor

PhD (Austria)

Specialization: Molecular Biology, Immunology, Virology

(HEC Approved Supervisor)

Dr. Muhammad Waseem

Assistant Professor

PhD (France)

Specialization: Microbial Ecology, Mycorrhizosphere, Microbial Biodiversity

Dr. Bilal Aslam

Assistant Professor

PhD (UAF)

Specialization: Bacteriology, Immunology

Dr. Saima Muzammil

Assistant Professor

PhD (France)

Specialization: Agricultural Microbiology, Biotechnology
(HEC Approved Supervisor)

Dr. Muhammad Zeeshan Nawaz

Assistant Professor

PhD (UAF)

Specialization: Epidemiology, Virology

Dr. Muhammad Shafique

Assistant Professor

PhD (Netherlands)

Specialization: Biotechnology, Virology, Cell culture, Vaccinology

(HEC Approved Supervisor)

Dr. Abu Baker Siddique

Assistant Professor

PhD (UAF)

Specialization: Bacteriology, Molecular Biology

Dr. Muhammad Usman Qamar

Assistant Professor

M. Phil (QAU)

Specialization :Medical & Clinical Microbiology

Mr. Muhammad Saqalein

Lecturer

M. Phil. (UAF)

Specialization :Bacteriology, Immunology

Mrs. Gul Naz

Lecturer (on study leave)

M. Phil (UVAS) (Silver Medalist)

Specialization :Microbiology, Mycology

Mr. Zeeshan Taj

Lecturer (on study leave)

M. Phil. (UAF)

Specialization :Bacteriology, Molecular Biology

Mr. Muhammad Atif Nisar

Lecturer

M. Phil (PU)

Specialization :Molecular Biology, Proteomics

Ms. Sumreen Hayat

Lecturer (on Deputation)

M. Phil (PU)

Specialization :Medical Microbiology

Mrs. Sara Mahmood

Lecturer (on Deputation)

M. Phil (NIBGE)

Specialization :Bioinformatics, Biotechnology, Genotoxicity

Ms. Ayesha Sarwar

Lecturer

M. Phil. (UAF)

Specialization :Bacteriology, Food Microbiology

Scheme of Studies

BS Microbiology

| Semester 1 | | |
|------------|---|--------|
| MIC-301 | Introductory Microbiology | 3(2-1) |
| MIC-303 | Microbial Taxonomy | 3(3-0) |
| BCH-301 | Introductory Biochemistry | 4(3-1) |
| BOT-301 | Diversity of Plants | 4(3-1) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| ENG-321 | Functional English | 3(3-0) |
| Semester 2 | | |
| MIC-302 | Cell Biology | 3(3-0) |
| MIC-304 | Microbial Anatomy and Physiology | 3(2-1) |
| MIC-306 | Human Physiology | 3(2-1) |
| ZOL-301 | Principles in Animal Life-I | 4(3-1) |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| Semester 3 | | |
| MIC-401 | Basic Pathology | 3(2-1) |
| MIC-403 | Bacteriology | 3(2-1) |
| MIC-405 | Mycology | 3(2-1) |
| MIC-407 | Biosafety and Risk Management | 3(2-1) |
| ENG-422 | Technical Writing | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| Semester 4 | | |
| MIC-402 | General Virology | 3(2-1) |
| MIC-404 | Immunology | 3(2-1) |
| MIC-406 | Parasitology | 3(2-1) |
| MIC-408 | Epidemiology, Public Health and Bioethics | 3(3-0) |
| MIC-410 | Laboratory Animals and Model Organisms | 2(0-2) |
| STA-507 | Biostatistics | 3(3-0) |
| Semester 5 | | |
| MIC-501 | Systemic Virology | 3(2-1) |
| MIC-503 | Cell and Tissue Culture | 3(2-1) |
| MIC-505 | Microbial Genetics | 3(3-0) |
| MIC-507 | Molecular Biology and Biotechnology | 3(2-1) |



| | | |
|-------------------|--|--------|
| MIC-509 | Food Microbiology | 3(2-1) |
| MIC-511 | Infectious Waste Management | 3(2-1) |
| Semester 6 | | |
| MIC-502 | Vaccinology | 3(2-1) |
| MIC-504 | Environmental Microbiology | 3(2-1) |
| MIC-506 | Medical Microbiology | 3(2-1) |
| MIC-508 | Veterinary Microbiology | 3(2-1) |
| MIC-510 | Microbial Enzymology | 3(3-0) |
| BIN-422 | Introduction to Bioinformatics | 3(2-1) |
| Semester 7 | | |
| MIC-601 | Diagnostic Microbiology | 3(2-1) |
| MIC-603 | Soil and Agricultural Microbiology | 3(2-1) |
| MIC-605 | Marine and Fresh Water Microbiology | 3(2-1) |
| MIC-607 | Pharmaceutical and Industrial Microbiology | 4(3-1) |
| MIC-609 | Genetic Engineering | 3(2-1) |
| MIC-611 | Research Methodology | 2(2-0) |
| Semester 8 | | |
| MIC-631 | Project | 3(0-3) |
| MIC-632 | Internship | 3(0-3) |

MPhil/PhD Microbiology

| | | |
|---------|---|--------|
| MIC-700 | Microbiological Techniques | 3(2-1) |
| MIC-701 | Advanced Microbiology | 3(2-1) |
| MIC-702 | Advanced Bacteriology | 3(2-1) |
| MIC-703 | Advanced Mycology | 3(2-1) |
| MIC-704 | Advanced Virology | 3(2-1) |
| MIC-705 | Advanced Immunology | 3(2-1) |
| MIC-706 | Advanced Biorisk Management | 3(2-1) |
| MIC-707 | Tissue Culture Technology | 3(2-1) |
| MIC-708 | Vaccinology | 3(2-1) |
| MIC-709 | Advanced Medical Microbiology | 3(2-1) |
| MIC-710 | Advanced Parasitology | 3(2-1) |
| MIC-711 | Advanced Epidemiology and Public Health | 3(2-1) |
| MIC-712 | Public Health Microbiology | 3(3-0) |
| MIC-713 | Anaerobic Microbiology | 3(2-1) |
| MIC-714 | Microbial Physiology | 3(3-0) |
| MIC-715 | Advanced Microbial Genetics | 3(3-0) |

| | | |
|---------|--|--------|
| MIC-716 | Molecular Biology of Bacterial Viruses | 3(3-0) |
| MIC-717 | Computational Biology and Bioinformatics | 3(3-0) |
| MIC-718 | Molecular Biology Techniques | 3(2-1) |
| MIC-719 | Recombinant DNA Technology | 3(3-0) |
| MIC-720 | DNA Damage, Repair and Carcinogenesis | 3(3-0) |
| MIC-721 | Molecular Mechanisms of Antimicrobial Agents | 3(3-0) |
| MIC-722 | Nano-Biotechnology | 3(3-0) |
| MIC-723 | Industrial and Pharmaceutical Microbiology | 3(2-1) |
| MIC-724 | Food and Dairy Microbiology | 3(2-1) |
| MIC-725 | Advanced Environmental Microbiology | 3(3-0) |
| MIC-726 | Research Methodology and Scientific Writing | 2(2-0) |

Mandatory Requirements for MPhil

| | | |
|---------|-------------------------|--------|
| STA-795 | Statistics for Research | 3(2-1) |
| MIC-728 | Seminar (General) | 1(0-1) |
| MIC-729 | Seminar (Research) | 1(0-1) |
| MIC-730 | Thesis | 6(0-6) |

Mandatory Requirements for PhD

| | | |
|---------|-------------------------|--------|
| STA-795 | Statistics for Research | 3(2-1) |
| MIC-758 | Seminar (General) | 1(0-1) |
| MIC-759 | Seminar (Research) | 1(0-1) |
| MIC-760 | Thesis | --- |



Department of Physical Education & Sports Sciences

Phone: 041-9201228

Email: physicaleducation@gcuf.edu.pk



Vision

To be a leader in the disciplines of Physical Education and Sports Sciences by developing tools and excelling in Sports techniques, Scholarship and exploiting opportunities for academic research.

Mission

To provide a committed and professional skills, techniques and knowledge of different Sports, which may be recognized as exemplary by its users by behaving in an approachable and courteous manner using available technologies appropriately to achieve objectives effectively at National and International level in the field of Physical Education and Sports Sciences.

Introduction

The study of Physical Education and Sports Sciences has been vital importance in this age of science and technology. A nation cannot safe guard its domestic and foreign interest and get its due status at National and International level without using the latest techniques of Physical Education and Sports Sciences in their professional and daily routine Life.

The Department will play a vital role in promoting different games at National and International level and is striving to sensitize and humanize its students in enabling them to become the leader in the field of Physical Education and Sports Science.

Objectives

- The Department is striving to provide National and International Players for promotion of Sports at University and National Level.
- Capacity Building of Players both Male and Female
- Organize Training Programs for students, separately for Male and Female Players.
- The awards of Cash Prizes and Sports Scholarships to encourage the promising student players, who win medals

at Inter-Varsity and National Championships

- Create healthy environment in the campus through Sports activities.
- Organize Sports Competitions among the Departments and award the Certificates and Trophies to the Position holder players.

Faculty

Dr. Abida Naseer

Assistant Professor /Incharge

PhD

Specialization: Sports Science

Mr. Aamir Nawaz Qazi

Lecturer

MPhil

Specialization: Physical Education & Sports Science

Ms. Sumaira Yasmin

Game Instructor

MA

Specialization : Physical Education & Sports Science



Programs Offered

1. MSc Physical Education & Sports Sciences

Incharge : Dr. Abida Naseer



MSc. Physical Education & Sports Sciences

| Semester 1 | | |
|------------|--|--------|
| PES-551 | Sports Management | 3(3-0) |
| PES-553 | Concepts of Wellness and Fitness | 2(2-0) |
| PES-555 | Theory of Games | 3(3-0) |
| PES-557 | Games-I (Football, Badminton) | 2(0-2) |
| PES-559 | Athletics-I (Sprints Starts, Shot Put) | 2(0-2) |
| HND-603 | Nutrition in Exercise and Sports | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| Semester 2 | | |
| PES-552 | Methods of Research in Sports | 3(3-0) |
| PES-554 | Methodology of Scientific Coaching | 3(3-0) |
| PES-556 | Science of Track & Field | 3(3-0) |
| PES-558 | Rovering / Girl Guide | 2(0-2) |
| PES-560 | Games-II (Volleyball, Table Tennis) | 2(0-2) |
| PES-562 | Athletics-II (Long Jump, Triple Jump, Discuss Throw) | 2(0-2) |
| AHP-301 | Basic and Applied Anatomy | 3(3-0) |
| Semester 3 | | |
| PES-561 | Physical Education for Special Person | 2(2-0) |
| PES-563 | Sports Biomechanics | 3(3-0) |
| PES-565 | Exercise Physiology | 3(3-0) |
| PES-567 | Sports Psychology | 3(3-0) |
| PES-569 | Sports Medicine | 3(3-0) |
| PSY-614 | Games-III (Basketball, Hockey) | 2(0-2) |
| DPT-409 | Athletics-III (High Jump, Javelin Throw) | 2(0-2) |
| Semester 4 | | |
| PES-564 | Sports Sociology | 3(3-0) |
| PES-566 | Measurement and Evaluation in Sports | 3(3-0) |
| PES-568 | Swimming and Gymnastics | 2(0-2) |
| PES-570 | Hiking and Tracking and Physical Fitness Test | 2(0-2) |
| PEC-681 | Research Project | 3(0-3) |
| | Elective* | 3(1-2) |

* Select any one course from specialization

List of elective courses

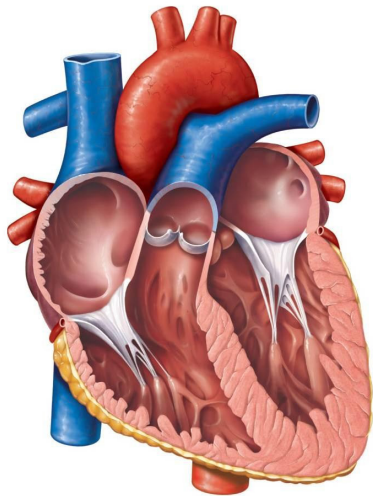
| | | |
|---------|--------------------------------|--------|
| PES-572 | Specialization in Field Hockey | 3(1-2) |
| PES-574 | Specialization in Football | 3(1-2) |
| PES-576 | Specialization in Cricket | 3(1-2) |
| PES-578 | Specialization in Volleyball | 3(1-2) |
| PES-580 | Specialization in Basketball | 3(1-2) |



Department of Physiology

Phone: 041-9203030

Email: physiology@gcuf.edu.pk



Programs Offered

1. BS Physiology
2. MPhil Physiology
3. PhD Physiology

Incharge: Dr. Haseeb Anwar



Vision

To provide high standard education and research activities to aspire undergraduate and post graduate students to couple up the international standards.

Mission

To provide high-tech theoretical and practical knowledge/skills to the students through quality teaching and research.

Introduction

- It's recently established and comparatively rare department in other universities of the country, so BS Physiology is an emerging professional degree which needs enormous concentration, hard work as well as the space of growth as professional career. And the department of Physiology is therefore established with the vision of giving the maximum output in teaching and research keeping in view the minimum available resources.
- The use of electronic media will be encouraged to teach the students so that learning capabilities could be further enhanced.
- Study tours in the national eminent research as well as teaching institute will be planned for the healthy exposure of students.
- Target based progress plans with a suggested time frame will be set to get the required progress in limited time.
- Along with academics the Physiologist has an enormous role in the public health services including diagnostics, pharmaceuticals, health centers, food industry, Reagents, analytical kits, instruments manufacturers.
- Students will be encouraged to actively participate in the extracurricular activities of the University, which will be healthy exercise to groom their mental capabilities.

Achievements of the Department

- Organized international and national seminars
- Participation and oral presentations in international conferences
- Won a research grant worth 7.2 million from Punjab Agriculture research Board
- Won a research grant worth 1.48 million from Pakistan Agriculture Research council.
- Submitted more than six projects to various funding agencies.
- Won three travel grants to present research paper internationally.

Faculty

Dr. Haseeb Anwar

Incharge/Assistant Professor
PhD (UAF)

Specialization: Bio-health markers/ Endocrinology
(HEC Approved Supervisor)

Dr. Muhammad Umar Sohail

Assistant Professor
PhD (UVAS)

Specialization: Gut microbiome / Digestive Physiology
(HEC Approved Supervisor)

Dr. Ghulam Hussain

Assistant Professor
PhD (France)

Specialization: Neurosciences
(HEC Approved Supervisor)

**Dr. Shahzad Irfan**

Assistan Professor
PhD (QAU)
Specialization: Reproductive Physiology

Dr. Abid Hussain

Assistan Professor
PhD (France)
Specialization: Metabolic Disorders

Mr. Arslan Shaukat

Lecturer
MPhil (UK)
Specialization: Nanotechnology

Mr. Arslan Iftikhar

Lecturer (On Study Leave)
MPhil (UAF)
Specialization: Obesity, oxidative stress

Mr. Imtiaz Mustafa

Research Associate
Specialization: Oxidative Stress

Scheme of Studies**BS Physiology**

| Semester 1 | | |
|------------|---------------------------------------|---------|
| AHP-301 | Basic and Applied Anatomy | 4(3-1) |
| PHS-303 | Cell and Molecular Biology | 3 (2-1) |
| BCH-301 | Introductory Biochemistry | 4(3-1) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| ENG-321 | Functional English | 3 (3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| Semester 2 | | |
| ZOL-301 | Principles of Animal Life-I | 4(3-1) |
| BCH-302 | Biochemistry of Carbohydrates | 4(3-1) |
| BOT-402 | Plant Physiology and Ecology | 3 (3-0) |
| MIC-304 | Microbial Anatomy and Physiology | 3 (2-1) |
| ENG-322 | English Comprehensive and Composition | 3 (3-0) |
| PST-321 | Pakistan Studies | 2 (2-0) |
| Semester 3 | | |

| PHS-401 | Physiology of Digestion & Metabolism | 3 (2-1) |
|------------|---|---------|
| PHS-403 | Physiology of Respiratory System | 3 (2-1) |
| PHS-405 | Physiology of Blood and Extracellular Fluid | 3 (2-1) |
| PHS-407 | Renal Physiology | 3 (2-1) |
| ENG-421 | Communication Skills | 3 (3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| Semester 4 | | |
| PHS-402 | Cardiovascular Physiology | 4 (3-1) |
| PHS-404 | Nerve and Muscle Physiology | 3 (2-1) |
| PHS-406 | Homeostasis | 2 (2-0) |
| MIC-404 | Immunology | 3 (2-1) |
| BIN-422 | Introduction to Bioinformatics | 3(2-1) |
| MTH-322 | Introduction to Calculus | 3(3-0) |
| Semester 5 | | |
| PHS-501 | Neurophysiology | 4 (3-1) |
| PHS-503 | Endocrinology | 3 (2-1) |
| PHS-505 | General and Systemic Pharmacology | 4(3-1) |
| PHS-507 | Principles of Human Nutrition | 3 (3-0) |
| PHS-509 | Human and Animal Behavior | 3 (2-1) |
| Semester 6 | | |
| PHS-502 | Biology of Development | 3(3-0) |
| PHS-504 | Reproductive Physiology | 3 (2-1) |
| PHS-506 | Physiology of Sensory System | 3 (2-1) |
| PHS-508 | Comparative Physiology | 3 (2-1) |
| BIT-405 | Introduction to Biotechnology | 3 (2-1) |
| SAT-507 | Biostatistics | 3(3-0) |
| Semester 7 | | |
| PHS-601 | Electrophysiology | 3 (2-1) |
| PHS-603 | Physiology of Health, Fitness and Exercise | 3 (2-1) |
| PHS-605 | Physiological Techniques | 3 (1-2) |
| PHS-607 | Pathophysiology | 3 (2-1) |
| PHS-609 | Research Methods in BioSciences | 3 (3-0) |
| Semester 8 | | |
| PHS-632 | Internship | 6(0-6) |

MPhil/PhD Physiology

| PHS-701 | Principles of Physiology and Homeostasis | 3(3-0) |
|----------------------------------|---|--------|
| PHS-702 | Physiology of Respiratory System | 3(2-1) |
| PHS-703 | Nerve and Muscle Physiology | 3(2-1) |
| PHS-704 | Physiology of Blood and Cardiovascular System | 3(2-1) |
| PHS-705 | Physiology of Nervous System | 3(2-1) |
| MIC-705 | Advanced Immunology | 3(2-1) |
| PHS-706 | Reproductive Physiology | 3(2-1) |
| PHS-707 | Physiology of Digestion and Metabolism | 3(2-1) |
| PHS-708 | Physiology of Sensory System | 3(2-1) |
| PHS-709 | Physiology of Kidney and Acid Base Balance | 3(2-1) |
| PHS-710 | Advanced Endocrinology | 3(2-1) |
| MIC-714 | Microbial Physiology | 3(2-1) |
| PHS-711 | Comparative Physiology | 3(3-0) |
| PHS-712 | Physiological Techniques | 3(1-2) |
| PHS-713 | Fermentation and Gut Physiology | 3(2-1) |
| PHS-714 | Research Methods in Biosciences | 3(3-0) |
| PHS-715 | Nutrition Physiology | 3(2-1) |
| PHS-716 | Sports and Exercise Physiology | 3(3-0) |
| PHS-717 | Advances in Pathologic Physiology | 3(2-1) |
| PHS-718 | Advanced Avian Physiology | 3(2-1) |
| PHS-719 | Advanced Environmental Physiology | 3(3-0) |
| PHS-720 | Nanotechnology and its Applications in Physiology | 3(2-1) |
| PHS-721 | Advanced Cell Physiology | 3(2-1) |
| Mandatory requirements for MPhil | | |
| STA-795 | Statistics for Research | 3(2-1) |
| PHS-728 | Seminar (General) | 1(0-1) |
| PHS-729 | Seminar (Reseach) | 1(0-1) |
| PHS-730 | Thesis | 6(0-6) |
| Mandatory Requirements for PhD | | |
| STA-795 | Statistics for Research | 3(2-1) |
| PHS-758 | Seminar (General) | 1(0-1) |
| PHS-759 | Seminar (Reseach) | 1(0-1) |
| PHS-760 | Thesis | --- |

Department of Zoology

Phone: 041-9201206

Email: zoology@gcuf.edu.pk



Programs Offered

1. BS Zoology
2. MSc Zoology
3. MPhil Zoology
4. PhD Zoology

Chairperson: Prof. Dr. Farhat Jabeen



Vision

To align multidisciplinary approaches towards wide areas of biological sciences. The department strives to be a centre of excellence in teaching as well as in diverse areas of research to promote knowledge, skills and expertise in students required to serve the society as educators, University/College teachers, research scientists and administrators.

Mission

To meet the dire need of coming decades, the Department of Zoology is committed to impart most recent and updated education to students, to deliver society-oriented and need-based research, to promote academia-industry linkage, to hold regular seminars by invited speakers and subject specialists for the scientific grooming of students and faculty and to develop a collaboration both at national and international levels.

Introduction

Department of Zoology was established in 1989 for the teaching of graduate and post graduate courses affiliated with University of the Punjab, Lahore, then took a mature turn after the up-gradation of Govt. College Faisalabad as Govt. College University Faisalabad in 2002. Later on launching of MPhil, PhD and Honors programs added to its status and it has come forth as one of the academically sound Department of the country. The high profile motivated faculty loaded with initiative and drive is key strength of the Department. The fully equipped laboratories,

well-furnished class rooms and update spacious library provide the best possible facilities to the students in their academic pursuits. All the faculty members under the dynamic leadership of Prof. Dr. Farhat Jabeen are striving hard and exercising their potentialities to the maximum extent focusing the activity based learning. University industry linkage program for the joint research ventures have been established. For this purpose the Department has established a linkage through signing MoUs with Newcastle University UK, WASA and Punjab Fisheries Department with an objective of sharing research facilities for educational and career development of the students coherent with professional requirements. The Department believes in its uplifting at world recognized level through imparting outstanding teaching and research by awarding degree in academic programs of BS, MSc, MS /MPhil and PhD in Zoology.

The department has recruited foreign qualified PhD faculty members to broaden the teaching and research horizon to face the modern challenges in the field of Life Sciences. Fish Nutrition, highly equipped labs of different fields such as Entomology, paleontology, tissue culture and molecular biology have been established to extend its infrastructure. Department has research projects under JHELP-II, INSPIRE Program (British council-Higher Education Commission funded project) and its two extension programs SPEKE and TNE on its credit. Moreover various other projects funded by Pakistan Science Foundation (PSF) and Higher Education Commission are being conducting in the Department.



Faculty

Dr. Farhat Jabeen

Professor / Chairperson
PhD (QAU), Post-Doc (UK)
Specialization: Fisheries, Human Molecular Genetics, Environmental Science, Aquatic Toxicology
(HEC Approved Supervisor)

Dr. Abdul Shakoor Chaudhry

Adjunct Professor (Newcastle University, UK)
PhD (Animal Science), Cambridge University UK,
Post-Doc (UK & Australia)
Specialization: Animal Nutrition, Toxicology, Environment, Freshwater Biology

Dr. Tayyaba Sultana

Professor
PhD (QAU), Post-Doc (QAU & UK)
Specialization: Fisheries, Cell and Molecular Biology, Genetics, Genetic epidemiological studies, Aquatic Toxicology
(HEC Approved Supervisor)

Dr. Salma Sultana

Associate Professor
PhD (QAU), Post-Doc (UK)
Specialization: Fisheries, Human Molecular Genetics, Fish Nutrition, Proteomic, Genetic epidemiological studies, Aquatic Toxicology
(HEC Approved Supervisor)

Dr. Samina Qamar

Assistant Professor
PhD (PU), Post-Doc (USA)
Specialization: Entomology, Apiculture, Honey Analysis, Apitherapy, beekeeping, Bee-economics
(HEC Approved Supervisor)

Dr. Laiq Ahmad

PhD (QAU), Post Doc (USA)
Assistant Professor
Specialization: Reproductive Physiology, Endocrinology
(HEC Approved Supervisor)

Dr. M. Kashif Zahoor

Assistant Professor (TTS)
PhD (France)
Specialization: Entomology, Genetics, Molecular Biology
(HEC Approved Supervisor)

Dr. Muhammad Samee Mubarik

Assistant Professor (TTS)
PhD (UAF)
Specialization: Fisheries
(HEC Approved Supervisor)

Dr. Asma Ashraf

Assistant Professor (TTS)
PhD (GCUF)
Specialization: Microbiology, Immunology, Bioinformatics

Dr. Fatima Jalal

Assistant Professor (TTS)
PhD (UAF)
Specialization: Molecular biology, Proteomics, Microbiology, Ecology & Biodiversity.
(HEC Approved Supervisor)

Dr. Shabab Nasir

Assistant Professor (TTS)
PhD (UAF), Six months research training (Norway)
Specialization: Medical Entomology
(HEC Approved Supervisor)

Dr. Syed Makhdoom Hussain

Assistant Professor (TTS)
PhD (UAF)
Specialization: Fish Nutrition, Aquatic Toxicology
(HEC Approved Supervisor)

Dr. Farkhanda Asad

PhD (UAF)
Assistant Professor
Specialization: Limnology, Fish Nutrition
(HEC Approved Supervisor)

Dr. Shabana Parvez

Assistant Professor
PhD (UAF)
Specialization: Vertebrate Pest Management, Wildlife Ecology, Productive ecology
(HEC Approved Supervisor)

Dr. Khizar Samiullah

Assistant Professor (TTS)
PhD (PU)
Specialization: Paleontology & Zoogeography, Mammalogy, Evolution, Systematics
(HEC Approved Supervisor)

Dr. Bilal Rasool

Assistant Professor (TTS)
PhD (Austria)
Specialization: Entomology, Molecular Ecology

Dr. Azhar Rafique

Assistant Professor (TTS)
PhD (UAF)
Specialization: Biodiversity, Vertebrate Pest Control

Dr. Tayyaba Ali

Assistant Professor (Ad hoc)
PhD (QAU)
Biotechnology, Genetic Toxicology, Recombinant DNA Technology

Dr. Muhamamd Asrar Chaudhary

Assistant Professor
PhD (GCUF)
Specialization: Entomology, Insect Pest Management

Dr. Bilal Hussain

Assistant Professor
PhD (GCUF)
Specialization: Fisheries, Molecular Biology, Genomics

Dr. Javeria Altaf

Assistant Professor (OPS)
PhD Scholar (GCUF)
Specialization: Biodiversity

Dr. Amna Sajjad

Assistant Professor
PhD (Germany)
Specialization: Molecular Immunology

Dr. Azhar Rasool

Assistant Professor
PhD (NENU, China)
Specialization: Cell Biology, Cell Signaling pathways, Genetics

Mr. Zahid Iqbal

Lecturer (on study leave)
MPhil Scholar (GCUF)
Specialization: Fisheries

Ms. Mussarrat Shaheen

Lecturer
PhD Scholar (QAU)
Specialization: Microbiology

Dr. Tahira Younis

Assistant Professor
PhD Scholar (QAU)
Specialization: Biochemistry

Ms. Maleeha Manzoor

Lecturer
PhD Scholar (PU)
Specialization: Eco-toxicology

Scheme of Studies**BS Zoology**

| Semester 1 | | |
|------------|---------------------------------------|--------|
| ZOL-301 | Principles of Animal Life-I | 4(3-1) |
| BOT-301 | Diversity of Plants | 4(3-1) |
| CHM-321 | Introductory Chemistry | 4(3-1) |
| ENG-321 | Functional English | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| Semester 2 | | |
| ZOL-302 | Principle of Animal Life-II | 4(3-1) |
| CHM-322 | Inorganic Chemistry – I | 4(3-1) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| PST-322 | Pakistan Studies | 2(2-0) |
| Semester 3 | | |
| ZOL-401 | Animal Diversity -I: Invertebrates | 4(3-1) |
| ZOL-403 | Animal Diversity -II : Chordates | 4(3-1) |
| BOT-302 | Systematics, Anatomy and Development | 4(3-1) |
| CHM-421 | Physical Chemistry –I | 4(3-1) |
| ENG-421 | Communication Skills | 3(3-0) |
| Semester 4 | | |
| ZOL-402 | Animal Form & Function –I | 4(3-1) |
| ZOL-404 | Animal Form & Function -II | 4(3-1) |
| BOT-401 | Cell Biology, Genetics and Evolution | 4(3-1) |

| PSY-422 | Introduction to Psychology | 3(3-0) |
|---------------|---|--------|
| CSI-321 | Introduction to Computing Applications | 3(3-0) |
| Semester 5 | | |
| ZOL-501 | Cell and Molecular Biology | 4(3-1) |
| ZOL-503 | Biochemistry– I (Structure and Functions of Macromolecules) | 3(2-1) |
| ZOL-505 | Animal Physiology | 4(3-1) |
| ZOL-507 | Animal Behaviour | 2(2-0) |
| ZOL-509 | General and Molecular Genetics | 4(3-1) |
| Semester 6 | | |
| STA-507 | Biostatistics | 3(3-0) |
| ZOL-502 | Developmental Biology | 4(3-1) |
| ZOL-504 | Ecology | 3(3-0) |
| ZOL-506 | Principles of Zoogeography | 3(2-1) |
| ZOL-508 | Biochemistry – II (Metabolism) | 3(2-1) |
| ZOL-510 | Physiology of Coordination and Animal Behavior | 4(3-1) |
| Semester 7 | | |
| ZOL-601 | Evolution and Principles of Systematics | 4(3-1) |
| ZOL-603 | Fisheries | 3(2-1) |
| ZOL-605 | Research Methodology | 1(1-0) |
| ZOL-607 | Principles of Paleontology | 3(3-0) |
| ZOL-609 | Aquatic Toxicology | 3(2-1) |
| To be offered | *Special paper 1 (in lieu of thesis) | 3(2-1) |
| Semester 8 | | |
| BIN-422 | Introduction to Bioinformatics | 3(2-1) |
| ZOL-602 | Wildlife of Pakistan | 3(2-1) |
| ZOL-604 | Bioremediation and Bio-processing | 3(2-1) |
| ZOL-606 | Biodiversity | 3(2-1) |
| To be offered | *Special paper 2 (in lieu of thesis) | 3(2-1) |

**MSc Zoology**

| Semester 1 | | |
|---|--|--------|
| ZOL-551 | Structure and Functions of Macro molecules | 3(2-1) |
| ZOL-553 | Developmental Biology | 4(3-1) |
| ZOL-555 | Advanced Environmental Biology | 3(2-1) |
| ZOL-557 | Animal Physiology | 4(3-1) |
| ZOL-559 | Advanced Cell Biology | 3(2-1) |
| ZOL-561 | Research Methodology | 1(1-0) |
| Semester 2 | | |
| ZOL-552 | Metabolism | 3(2-1) |
| ZOL-554 | Physiology of Coordination and Animal Behavior | 4(3-1) |
| ZOL-556 | Evolution and Principles of Systematics | 3(2-1) |
| ZOL-558 | General and Molecular Genetics | 4(3-1) |
| ZOL-560 | Principles of Zoogeography | 3(2-1) |
| MIC-301 | Introductory Microbiology | 3(2-1) |
| Semester 3 | | |
| ZOL-651 | Principles of Paleontology | 3(2-1) |
| STA-507 | Biostatistics | 3(3-0) |
| ZOL-653 | Fish Culture | 3(2-1) |
| BIT-405 | Introduction to Biotechnology | 4(3-1) |
| ZOL-655 | Biological and Chemical Control of Pests | 3(2-1) |
| *Special paper 1 | in lieu of thesis | 3(2-1) |
| Semester 4 | | |
| ZOL-652 | Wildlife of Pakistan | 2(1-1) |
| ZOL-654 | Bioremediation and Bio-processing | 3(2-1) |
| ZOL-656 | Aquatic Toxicology | 3(2-1) |
| BIN-422 | Introduction to Bioinformatics | 3(2-1) |
| ZOL-658 | Biodiversity | 3(2-1) |
| *Special paper 2 | in lieu of thesis | 3(2-1) |
| * Two courses Special Subject/Optional will be opted in lieu of research for BS and MSc | | |
| ZOL-674 | Applied Microbiology | 3(2-1) |
| ZOL-675 | Fish Physiology and Breeding | 3(2-1) |
| ZOL-676 | Aquatic Biology | 3(2-1) |
| ZOL-677 | Integrated Aqua Culture | 3(2-1) |
| ZOL-678 | Sea Food Technology | 3(2-1) |

| | | |
|---------|---------------------------------------|--------|
| ZOL-679 | Seminar | 1(0-1) |
| ZOL-680 | Thesis | 6(0-6) |
| ZOL-681 | Project | 3(0-3) |
| ZOL-682 | Internship | 3(0-3) |
| ZOL-683 | Principles of Fish Biology | 3(2-1) |
| ZOL-684 | Immunology and Hematology | 3(2-1) |
| ZOL-685 | Vector Biology | 3(2-1) |
| ZOL-686 | Aquatic Environmental Management | 3(2-1) |
| ZOL-687 | Molecular Biology | 3(2-1) |
| ZOL-688 | Fish Ecology | 3(2-1) |
| ZOL-689 | Ichthyology | 3(2-1) |
| ZOL-690 | Bio-Physical Methods in Life Sciences | 3(2-1) |
| ZOL-691 | Comparative Anatomy of Vertebrates | 3(2-1) |

MPhil/PhD Zoology

| | | |
|---------|--|--------|
| ZOL-701 | Quantitative Zoology | 3(2-1) |
| ZOL-702 | Advances in Biodiversity | 3(2-1) |
| ZOL-703 | Immunology | 3(2-1) |
| ZOL-704 | Reproductive Physiology | 3(2-1) |
| ZOL-705 | Population Genetics | 3(2-1) |
| ZOL-706 | Comparative Vertebrate Endocrinology | 3(2-1) |
| ZOL-707 | Helminthology | 3(2-1) |
| ZOL-708 | Human Genetics | 3(2-1) |
| ZOL-709 | Human Embryology and Teratology | 3(2-1) |
| ZOL-710 | Environmental Biotechnology | 3(2-1) |
| ZOL-711 | Advances in Aquatic Toxicology | 3(2-1) |
| ZOL-712 | Medical Microbiology | 3(2-1) |
| ZOL-713 | Principles of Toxicology | 3(2-1) |
| ZOL-714 | Applied Fisheries | 3(2-1) |
| ZOL-715 | Advances in Fish Genetics | 3(2-1) |
| ZOL-716 | Fisheries Management | 3(2-1) |
| ZOL-717 | Nutrients requirement and metabolism in fish | 3(2-1) |
| ZOL-718 | Fish biotechnology/Aquaculture biology | 3(2-1) |
| ZOL-719 | Fish Hatchery Management | 3(2-1) |
| ZOL-720 | Animal Pest and disease producing organisms | 3(2-1) |
| ZOL-721 | Advanced integrated pest management-I | 3(2-1) |

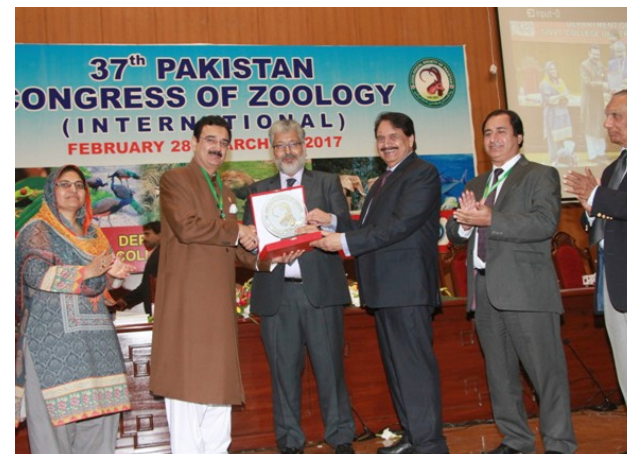
| | | |
|---------|---|--------|
| ZOL-722 | Advanced integrated pest management-II | 3(2-1) |
| ZOL-723 | Biology and Control of Vertebrate Pests | 3(2-1) |
| ZOL-724 | Vector Biology | 3(2-1) |
| ZOL-725 | Mammalogy | 3(2-1) |
| ZOL-726 | Wildlife Conservation Biology | 3(2-1) |
| ZOL-727 | Wildlife Management-I (Wetlands) | 3(2-1) |
| ZOL-731 | Wildlife Management-II (Terrestrial) | 3(2-1) |
| ZOL-732 | Protected Areas and their Management | 3(2-1) |
| ZOL-733 | Advances in Ichthyology | 3(2-1) |
| ZOL-734 | Ornithology | 3(2-1) |
| ZOL-735 | Herpetology | 3(2-1) |

Mandatory Requirements for MS/MPhil

| | | |
|---------|-------------------------|--------|
| STA-795 | Statistics for Research | 3(2-1) |
| ZOL-728 | Seminar (General) | 1(0-1) |
| ZOL-729 | Seminar (Research) | 1(0-1) |
| ZOL-730 | Thesis | 6(0-6) |

Mandatory Requirements for PhD

| | | |
|-----------|-------------------------|--------|
| * STA-795 | Statistics for Research | 3(2-1) |
| ZOL-758 | Seminar (General) | 1(0-1) |
| ZOL-759 | Seminar (Research) | 1(0-1) |
| ZOL-760 | Thesis | --- |





Faculty of Physical Sciences

1. Department of Applied Chemistry
2. Department of Chemistry
3. Department of Computer Science
4. Department of Geography
5. Department of Information Technology
6. Department of Mathematics
7. Department of Physics
8. Department of Software Engineering
9. Department of Statistics



Prof. Dr. Nasir Amin
Dean

Ph: 041-9201552

Email: drnasir@gcuf.edu.pk

Prof. Dr. Nasir Amin has a prosperous academic and research career in Physics at University of Agriculture Faisalabad and Government College University Faisalabad spanning over three decades. Prof. Amin earned his PhD from Quid-e-Azam University Islamabad and a Postdoctoral Fellowship from University of California - USA. He has completed several research projects including the prestigious Presidential Young Innovator award for his pioneering work on Laser induced Breakdown Spectroscopy. He has won the Pakistan Council for Science and Technology's Research Productivity Award several times, while the Pakistan Academy of Sciences honored him with the PAS Gold Medal in 2010 in recognition of his outstanding research contributions. He has authored numerous impact factor papers in international journals and has also supervised a large number of PhD, MPhil and M.Sc students. Prof. Dr. Nasir Amin is currently Dean of the Physical Sciences faculty of the University along with convening various administrative and statutory bodies of the University with his pivotal role in important academic forums of the University.

Department of Applied Chemistry

Phone: 041-9200037
Email: appchem@gcuf.edu.pk



Vision

To integrate modern teaching and learning methods in the curriculum to provide training to students in interdisciplinary programmes for the academics and industries.

Mission

To provide nurturing and conducive environment for imparting skill in basic and applied chemistry. The Department of Applied chemistry is responding to the needs of chemical industries by preparing skilled manpower.

Introduction

Government College University is situated in the center of Faisalabad which is the hub of the textile industry because of its vast industrial network and textile based structure. More than 500 textile units in the city are utilizing chemistry to manufacture value added products according to world standards. In addition to textile sector, Faisalabad is also well known for different industries; such as paints, pigments, dyes, sugar, fertilizer, pharmaceutical, foods, oils and fats, soaps and detergents. Keeping in view the industrial need for highly qualified, skilled, visionary and trained manpower that could meet international standards, the Department of Applied Chemistry was established at the Government College University Faisalabad in 2004 to meet industrial challenges. The faculty of the Department is strolling hard with full devotion and dedication to produce dynamic students of high calibre with clear cut aims and market oriented objectives. The idea behind these activities is to train our students as entrepreneurs for creating the jobs rather than looking for the jobs themselves.

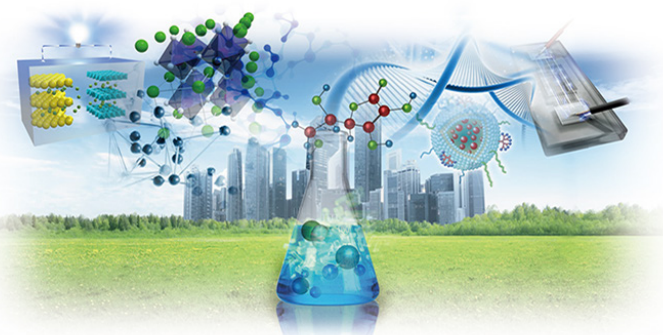
Objectives

- To produce applied chemists who can efficiently manage the working of industries and be able to motivate and adopt new technologies to meet the international standards
- To produce students who are confident of applying the knowledge of chemistry and skills which they acquire in understanding the problems of the local industry and the world at large. Thereby making useful contributions towards resolving industry linked problems.
- To produce chemists who can work as quality control managers (from raw material and intermediate product to final product) in every sector of the industry.
- To provide skill in handling chemicals, managing chemical laboratories and scientific instruments.

Achievements:

Department of Applied Chemistry has established working research collaboration with industry such as paints, pigments, dyes, sugar, fertilizer, pharmaceutical, foods, oils and fats, soaps and detergents. All faculty members of Applied Chemistry are working on different projects funded by HEC out of these six are NRPU research grants. Moreover, our faculty members have also won research grants from international research organizations such as ISF, ISESCO and UNESCO/IUPAC project for green chemistry. The department of Applied Chemistry organizes International conferences, workshops, symposia and hand on trainings for students, staff and faculty members wherein eminent scientists of international fame are often invited.

The department of Applied Chemistry is not only progressing in



Programs Offered

1. BS Applied Chemistry
2. MSc Applied Chemistry
3. MPhil Applied Chemistry
4. PhD Applied Chemistry

Chairperson: Dr. Tahsin Gulzar



research activities but also has success stories in Business and won prizes in Business Incubation Centre, other interdepartmental and sports competitions. The department of Applied Chemistry is also enhancing its activities by launching different short courses and associate degree programs which are designed in collaboration with the Chamber of Commerce and Industries of Faisalabad. The different areas are

- Textile Industries
- Natural Product Isolation
- Natural and Synthetic Polymers
- Polymer composite materials
- Paints and Coatings
- Adhesives and Sealants
- Pharmaceuticals and Nutraceuticals

Faculty

Dr. Tahsin Gulzar (Chairperson)

Associate Professor
Post-Doctorate (ITMC, RWTH, AACHEN) Germany,
PhD (HEJ, Karachi University)
Specialization: Organic Chemistry/ Phytochemistry
(HEC Approved Supervisor)

Dr. Khalid Mahmood Zia

Associate Professor / Director ORIC
PhD (UAF), Doctoral Research Fellow, IPPI, Iran.
BIM-UQ, Australia.
Specialization: Physical Chemistry / Polymer Chemistry /
Textile Chemistry / Bionanocomposites
HEC Best Young Research Scholar Award-2015.
(HEC Approved Supervisor)

Dr. Fazal-ur-Rehman

Assistant Professor/PhD program coordinator
PhD (UAF)
Specialization: Physical Chemistry/ Polymer Chemistry
(HEC Approved Supervisor)

Dr. Muhammad Jawwad Saif

Assistant Professor/ Research coordinator
PhD (PU), MRSC, C Chem (UK)
Specialization: Applied Chemistry/Functional Materials/
Catalysis
(HEC Approved Supervisor)

Dr. Shazia Tabasum

Assistant Professor/ Secretary BoS
PhD (GCUF)
Specialization: Organic Chemistry / Polymer Chemistry
(HEC Approved Supervisor)

Dr. Shumaila Kiran

Assistant Professor/ IT Focal Person
PhD (UAF)
Specialization: Organic Chemistry/ Environment Chemistry/
Waste Water Treatment
(HEC Approved Supervisor)

Dr. Mirza Nadeem Ahmad

Assistant Professor/ Time Table In-charge
PhD (Beijing, CHINA)
Specialization: Materials Chemistry, Environmental Chemistry
(HEC Approved Supervisor)

Dr. Muhammad Naveed Anjum

Assistant Professor/ Member QEC and Prospectus Committee
PhD (Huazhong University of Science and Technology, CHINA)
Specialization:Material Chemistry / Polymer Composite Material
(HEC Approved Supervisor)

Dr. Muhammad Ibrahim

Assistant Professor/ AT member QEC
PhD (KU), SPRA, (University of Bristol, UK)
Specialization: Organic Chemistry/ Natural Products Chemistry
(HEC Approved Supervisor)

Dr. Tahir Farooq

Assistant Professor/ Student Advisor
PhD University of Bergen Norway
Specialization: Organic Chemistry / Medicinal Chemistry
(HEC Approved Supervisor)

Dr. Shahzad Zafar Iqbal

Assistant Professor / Examination Coordinator
PhD, (UAF), Post Doctorate (Uni Putra Malaysia)
Visiting Scientist (Rutger State University, USA)
Research Specialization; Organic Chemistry/ Food Chemistry/
Food Safety
(HEC Approved Supervisor)

Dr. Shazia Abrar

Assistant Professor/ Member Book purchase committee.
PhD (University of Graz)
Specialization: Analytical Chemistry and Cosmetic Science

Dr. Sarosh Iqbal

Assistant Professor, In-charge Sports (Girls) and Extra-curricular activities
PhD HEJRIC, (Split program University of Oxford)
Specialization: Medicinal Chemistry / Polymer chemistry / Organometallic Chemistry

Dr. Amjad Hussain

Assistant Professor / Sports In-charge (Boys)
Post Doc (1st) University of California San Diego, U.S.A.
Post Doc (2nd) University of Paris.
PhD H.E.J. Research Inst. Chemistry, Pakistan.
Specialization: Marine Natural Products

Dr. Ikram Ahmad

Assistant Professor/ Incharge extra-curricular Activities
PhD (King Abdul Aziz University, Jeddah, KSA)
Specialization: Inorganic Chemistry / Organometallic Chemistry/
Nano-materials
(HEC Approved Supervisor)

Mrs. Anbreen Anjum

Lecturer (on study leave)
PhD Scholar (GCUF)

Mrs. Aqdas Noreen

Lecturer (on study leave)
PhD Scholar (GCUF)

Miss Kinza Aslam

Lecturer (on study leave)
PhD Scholar (GCUF)



Scheme of Studies BS Applied Chemistry

| Semester 1 | | |
|------------|--|--------|
| ENG-321 | Functional English | 3(3-0) |
| PHY-321 | Fundamentals of Mechanics | 3(2-1) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| MTH-321 | Algebra and Trigonometry (For Medical students) | 3(3-0) |
| BOT-303 | OR Functional Biology-I (For Non medical students) | |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| ACH-301 | Fundamentals of Inorganic Chemistry | 4(3-1) |
| Semester 2 | | |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| PHY-322 | Fundamentals of Electricity and Magnetism | 3(2-1) |
| MTH-322 | Introduction to Calculus (For Medical students) | 3(3-0) |
| BOT-306 | OR Functional Biology-II (For Non- medical students) | |
| ACH-302 | Fundamentals of Organic Chemistry | 4(3-1) |
| ACH-304 | Environmental Chemistry | 3(3-0) |
| Semester 3 | | |
| ENG-421 | Communication Skills | 3(3-0) |
| STA-321 | Introduction to Statistical Theory | 3(3-0) |
| MTH-429 | Mathematics for Chemists-I | 3(3-0) |
| ACH-401 | Fundamentals of Physical Chemistry | 4(3-1) |
| ACH-403 | Fundamentals of Biochemistry | 4(3-1) |
| Semester 4 | | |
| ENG-422 | Technical Writing | 3(3-0) |
| MTH-434 | Mathematics for Chemists-II | 3(3-0) |
| ACH-402 | Selected Topics in Chemistry | 4(3-1) |
| ACH-404 | Fundamentals of Analytical Techniques | 4(3-1) |
| ACH-406 | Fundamentals of Applied Chemistry | 4(3-1) |
| Semester 5 | | |
| ACH-501 | Applied Inorganic Chemistry-I | 4(3-1) |
| ACH-503 | Applied Organic Chemistry-I | 4(3-1) |

| ACH-505 | Applied Physical Chemistry-I | 4(3-1) |
|---|---|--------|
| ACH-507 | Analytical Techniques and Quality Control | 4(3-1) |
| ACH-509 | Chemometrics | 3(3-0) |
| Semester 6 | | |
| ACH-502 | Applied Inorganic Chemistry-II | 4(3-1) |
| ACH-504 | Applied Organic Chemistry-II | 4(3-1) |
| ACH-506 | Applied Physical Chemistry-II | 4(3-1) |
| ACH-508 | Applied Molecular Spectroscopy | 3(3-0) |
| ACH-510 | Chemical Process Industries | 4(3-1) |
| Semester 7 | | |
| *ACH-601 | Oils, Fats and Waxes | 4(3-1) |
| *ACH-603 | Colour Chemistry | 4(3-1) |
| *ACH-605 | Chemistry of Textiles Processing | 4(3-1) |
| *ACH-607 | Inorganic Chemical Industries | 3(3-0) |
| *ACH-609 | Food and Allied Industries | 3(3-0) |
| *ACH-611 | Paper and Leather Industries | 3(3-0) |
| *ACH-613 | Glass, Ceramics and Cement Industries | 3(3-0) |
| † ACH-615 | Synthetic Polymers | 4(3-1) |
| †ACH-617 | Characterization Techniques for Polymers | 4(3-1) |
| †ACH-619 | Mechanism and Kinetics of Polymerization | 3(3-0) |
| †ACH-621 | Synthetic Fibers | 3(3-0) |
| †ACH-623 | Introduction to Composite Materials | 3(3-0) |
| †ACH-625 | Polymer Rheology and Processing | 3(3-0) |
| † ACH-633 | Natural Polymers | 3(3-0) |
| **ACH-635 | Research Methods and Scientific Writing | 2(2-0) |
| **ENG-601 | English for Employment | 3(3-0) |
| **ACH-635 and **ENG-601 are compulsory courses. In 7th semester, It is mandatory for students to take two courses from general courses (*) and two courses from polymer courses (†) when offered by the department | | |
| Semester 8 | | |
| MKT-401 | Principle of Marketing | 3(3-0) |
| COM-506 | Managerial Accounting | 3(3-0) |
| *BIT-622 | Biotechnology for Chemical Industries | 3(3-0) |
| †ACH-608 | Physical Chemistry of Polymers | 3(3-0) |
| ACH-629 | Seminar (Research) | 1(0-1) |
| ACH-631 | Project | 4(0-4) |

MSc Applied Chemistry

| Semester 1 | | |
|---|---|--------|
| ACH-551 | Applied Inorganic Chemistry-I | 4(3-1) |
| ACH-553 | Applied Organic Chemistry-I | 4(3-1) |
| ACH-555 | Applied Physical Chemistry-I | 4(3-1) |
| ACH-557 | Analytical Techniques and Quality Control | 4(3-1) |
| ACH-559 | Chemometrics | 3(3-0) |
| Semester 2 | | |
| ACH-552 | Applied Inorganic Chemistry-II | 4(3-1) |
| ACH-554 | Applied Organic Chemistry-II | 4(3-1) |
| ACH-556 | Applied Physical Chemistry-II | 4(3-1) |
| ACH-558 | Applied Molecular Spectroscopy | 3(3-0) |
| ACH-560 | Chemical Process Industries | 4(3-1) |
| Semester 3 | | |
| ACH-651 | Oils, Fats and Waxes | 4(3-1) |
| *ACH-653 | Color Chemistry | 4(3-1) |
| *ACH-655 | Chemistry of Textiles Processing | 4(3-1) |
| *ACH-657 | Inorganic Chemical Industries | 3(3-0) |
| *ACH-659 | Food and Allied Industries | 3(3-0) |
| *ACH-661 | Paper and Leather Industries | 3(3-0) |
| *ACH-663 | Glass, Ceramics and Cement Industries | 3(3-0) |
| † ACH-665 | Synthetic Polymers | 4(3-1) |
| † ACH-667 | Characterization Techniques for Polymers | 4(3-1) |
| † ACH-669 | Mechanism and Kinetics of Polymerization | 3(3-0) |
| † ACH-671 | Synthetic Fibers | 3(3-0) |
| † ACH-673 | Introduction to Composite Materials | 3(3-0) |
| † ACH-675 | Polymer Rheology and Processing | 3(3-0) |
| † ACH-683 | Natural Polymers | 3(3-0) |
| **ACH-685 | Research Methods and Scientific Writing | 2(2-0) |
| **ENG-611 | English for Employment | 3(3-0) |
| **ACH-685 and **ENG-611 are compulsory courses. In 3rd semester, It is mandatory for students to take two courses from general courses (*) and two courses from polymer courses (†) when offered by the department | | |
| Semester 4 | | |
| MKT-401 | Principle of Marketing | 3(3-0) |
| COM-506 | Managerial Accounting | 3(3-0) |

| | | |
|---------|---------------------------------------|--------|
| BIT-672 | Biotechnology for Chemical Industries | 3(3-0) |
| ACH-658 | Physical Chemistry of Polymers | 3(3-0) |
| ACH-679 | Seminar (Research) | 1(0-1) |
| ACH-681 | Project | 4(0-4) |

MPhil/PhD Applied Chemistry

| Theory Courses | | |
|----------------|--|--------|
| *ACH-701 | Instrumental Analysis for Process Industries | 3(3-0) |
| *ACH-702 | Industrial Water Conditioning and Effluent Treatment | 3(3-0) |
| *ACH-703 | Corrosion Chemistry | 3(3-0) |
| *ACH-704 | Green Chemistry | 3(3-0) |
| *ACH-705 | Industrial Catalysis | 3(3-0) |
| *ACH-706 | Emulsions and Emulsification | 3(3-0) |
| ACH-707 | Paints and Coatings | 3(3-0) |
| ACH-708 | Pharmaceutical Chemistry | 3(3-0) |
| ACH-709 | Agrochemicals | 3(3-0) |
| ACH-710 | Chemistry of Dyes and Pigments | 3(3-0) |
| ACH-711 | Chemistry of Essential Oils | 3(3-0) |
| ACH-712 | Functional Food and Nutraceuticals | 3(3-0) |
| ACH-713 | Industrial Polymers | 3(3-0) |
| ACH-714 | Applied Atomic Spectroscopy | 3(3-0) |
| ACH-715 | Electrochemical Methods | 3(3-0) |
| ACH-716 | Applied Mass Spectrometry | 3(3-0) |
| ACH-717 | High Performance Fibers | 3(3-0) |
| ACH-718 | Adhesive and Sealants | 3(3-0) |
| ACH-719 | Chemistry of Supramolecules | 3(3-0) |
| ACH-720 | Chemistry of Nanomaterials | 3(3-0) |
| ACH-721 | Chemistry of Elastomeric Materials | 3(3-0) |
| ACH-722 | Polymeric Composites | 3(3-0) |
| ACH-723 | Biodegradable Polymers | 3(3-0) |
| ACH-724 | Chemistry of Pharmaceutical Excipients | 3(3-0) |
| ACH-725 | Chemistry of Textile Auxiliaries | 3(3-0) |
| ACH-726 | Environmental Issues of Chemical Industries | 3(3-0) |
| ACH-727 | Plastics Recycling Industries | 3(3-0) |
| ACH-731 | Methods of Thermal Analysis | 3(3-0) |
| ACH-732 | Forensic Analysis | 3(3-0) |
| ACH-733 | Applied Biophysical Chemistry | 3(3-0) |

| | | |
|---------|---------------------------------------|--------|
| ACH-734 | Natural Products Chemistry | 3(3-0) |
| ACH-735 | Applied Nuclear Chemistry | 3(3-0) |
| ACH-736 | Applied NMR Spectroscopy | 3(3-0) |
| ACH-737 | Bionanocomposites | 3(3-0) |
| ACH-738 | Phase Transfer Catalysis | 3(3-0) |
| ACH-739 | Chemistry of Carbohydrate Derivatives | 3(3-0) |
| ACH-740 | Chromatographic Methods | 3(3-0) |

Mandatory Requirements for MPhil

| | | |
|---------|-------------------------|--------|
| STA-795 | Statistics for Research | 3(2-1) |
| ACH-728 | Seminar (General) | 1(0-1) |
| ACH-729 | Seminar (Research) | 1(0-1) |
| ACH-730 | Thesis | 6(0-6) |

Mandatory Requirements for PhD

| | | |
|---------|-------------------------|--------|
| STA-795 | Statistics for Research | 3(2-1) |
| ACH-758 | Seminar (General) | 1(0-1) |
| ACH-759 | Seminar (Research) | 1(0-1) |
| ACH-760 | Thesis | --- |

*Core courses for MPhil program; the students will have to take four core courses as and when offered by the department.

*PhD. Students will have to take two core courses if they have not studied in MPhil studies.



Department of Chemistry

Phone: 041-9201032
Email: chemistry@gcuf.edu.pk



Vision

To promote the quality research in the various branches of chemistry to ensure a viable and practical solution to all the problems in the respective areas.

Mission

To the advancement of highest level of theoretical and practical knowledge of chemistry. The department pledges to train Chemists capable of making significant contribution in the areas of medicine, dentistry, pharmacy, and related fields.

Introduction

Chemistry is a science of development of human civilization. From European Industrial Revolution in 19th century to the present day, the scenario of Biotechnology and Nanotechnology is all related to chemical sciences. In the arena of scientific development Chemists are the major stake holders. Be it Peace, war or mission to Mars, Chemists are the main players in these endeavors. The recent developments in nuclear chemistry, missile technology, environmental sciences, and understanding of intricacies of genetic engineering and biological processes, biosensors, industrial growth and energy are all due to chemistry in one way or the other. It not only adds value to the raw materials but also provides new raw materials for high-tech industries such as pharmaceuticals, textiles, agro-industry, medicines, biomechanics, space science and so on. Therefore, it alleviates human sufferings and proves to be an effective tool to fight against poverty.

The Department of Chemistry is one of the major departments of the Government College University, Faisalabad. Presently

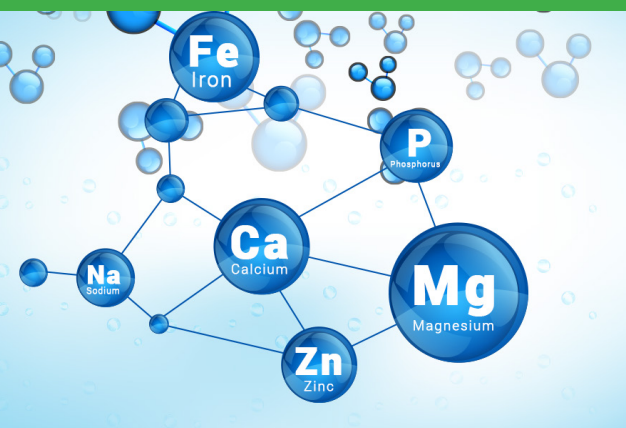
more than 900 students are enrolled in the graduation, MPhil and PhD programs. The Department has well defined areas of Physical Chemistry, Organic Chemistry, Inorganic Chemistry and Analytical Chemistry. The department has a clear thinking that a nation of 180 million people needs world class expertise in chemical sciences which could meet the needs of common people. The schemes of study of the Department of Chemistry have been designed in this backdrop. The major focus of the Department is to train the students in their respective specializations such as Nano science, Polymer Sciences, Biosensors, Synthesis of Natural Products and Drugs and Bioassays. Pakistan is blessed with enormous reservoirs of coal and minerals. Expertise is available in the department to explore these latent/hidden reservoirs.

The department has developed state-of-art research facilities and has recently inducted young, talented and very experienced academicians. It has moved to its new premises, Sir Sayed Block new campus at Jhang Road. It comprises four teaching laboratories for performing experiments and has seven big and ventilated lecture theatres and class rooms. In order to cater the research activities of students and staff, independent research laboratories are also being maintained. The faculty of the Department of Chemistry is striving hard to produce dynamic students with high vision, clear cut aims and market oriented objectives. All these activities are aimed to the training of these students as entrepreneurs for creating the jobs themselves rather than looking for the jobs.

Programs Offered

1. BS Chemistry
2. MSc Chemistry
3. MPhil (Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Analytical Chemistry)
4. PhD Chemistry

Chairman: Prof. Dr. M. Kaleem Khan Khosa





Faculty

Dr. M. Kaleem Khan Khosa

Chairman/Professor

Post Doc (UK)

Specialization: Material Chemistry, Organo Transition Metal Chemistry

Dr. Muhammad Asghar Jamal

Associate Professor

PhD (PU)

Specialization: Physical Chemistry/Solution Chemistry

Dr. Muhammad Zubair

Associate Professor

Post Doc (Canada)

Specialization: Bio-Organic and Medicinal Chemistry

Dr. Abdullah Ijaz Hussain

Associate Professor

Post Doc (Malaysia)

Specialization: Analytical Chemistry/Pharmaceuticals & Nutraceuticals

Dr. Shahzad Ali Shahid Chatha

Associate Professor

Post Doc (Canada)

Specialization: Analytical Chemistry/Environmental/Textile Chemistry

Dr. Ameer Fawad Zahoor

Associate Professor (TTS)

PhD (Germany)

Specialization: Organic Synthesis (Drug Discovery , Synthetic)

Dr. Syed Ali Raza Naqvi

Associate Professor (TTS)

PhD (PU)

Specialization: Bio-Analytical, Nuclear Medicine Chemistry

Dr. Nasir Rasool

Associate Professor (TTS)

PhD (Germany)

Specialization: Synthesis of Natural Products, Medicinal Chemistry, Homogeneous Catalysis

Dr. Matloob Ahmad

Associate Professor (TTS)

PhD (PU)

Specialization: Organic Chemistry

Dr. Tanveer Hussain Bokhari

Associate Professor (TTS)

Post Doc (USA)

Specialization: Inorganic, Radiochemistry

Dr. Asim Mansha

Associate Professor (TTS)

Post Doc(Austria)

Specialization: Physical Chemistry

Dr. Muhammad Yousaf

Assistant Professor

Post Doc (China)

Specialization: Organic Semiconductor Synthesis, Organometallic Chemistry

Dr. Bushra Parveen

Assistant Professor

PhD (GCUF)

Specialization: Inorganic Chemistry

Dr. Kulsoom G. Ali

Assistant Professor

PhD (GCUF)

Specialization: Inorganic Chemistry

Dr. Shazia Naheed

Assistant Professor

PhD (GCUF)

Specialization: Organic Chemistry

Dr. Saima Rehman

Assistant Professor

PhD (UAF)

Specialization: Physical Chemistry

Dr. Tahir Maqbool

Assistant Professor

PhD (IUB)

Specialization: Organic Chemistry

Dr. Zulfiqar Ali Khan

Assistant Professor (TTS)

PhD (UK)

Specialization: Organic Chemistry

Dr. Muhammad Usman

Assistant Professor (TTS)

PhD (QAU)

Specialization: Physical Chemistry

Dr. Majid Munir

Assistant Professor (TTS)

PhD (UAF)

Specialization: Physical Chemistry

Dr. Muhammad Saeed

Assistant Professor (TTS)

PhD (NCE Physical Chemistry, Uni of Pesh)

Specialization: Physical Chemistry (Heterogeneous Catalysis)

Dr. Atta-ul-Haq

Assistant Professor (TTS)

PhD (Peshawar of University)

Specialization: Analytical Chemistry

Dr. Samreen Gul Khan

Assistant Professor (TTS)

PhD (GCUF)

Specialization: Analytical Chemistry

Dr. Fozia Anjum

Assistant Professor (TTS)

PhD (UAF)

Specialization: Analytical Chemistry

Dr. Nadia Akram

Assistant Professor (TTS)

PhD (QAU)

Specialization: Physical Chemistry (Polymer/composite materials, Soft matter)

Mrs. Abida Hassan

Lecturer

MPhil (GCUF)

Specialization: Analytical Chemistry

Ms. Zumaira Siddique

Lecturer (On study Leave)

MPhil (UOS)

Specialization: Physical Chemistry

Mr. Shahid Adeel

Lecturer (On study Leave)

MPhil (UAF)

Specialization: Physical Chemistry

Ms. Ayesha Malik

Lecturer (On study Leave)

MPhil (UAF)

Specialization: Organic Chemistry

Ms. Javeria Rehman

Lecturer (On study Leave)

MPhil (GCUL)

Specialization: Analytical Chemistry

Scheme of Studies BS Chemistry

| Semester 1 | | |
|---|---|--------|
| CHM-301 | Organic Chemistry – I | 4(3-1) |
| ENG-321 | Functional English | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| MTH-301 | Calculus-I | 4(4-0) |
| PHY-321 | Fundamentals of Mechanics | 3(2-1) |
| ZOL-301 | Principle in Animal Life – I | 4(3-1) |
| BOT-301 | Diversity of Plants | 4(3-1) |
| Optional (Any two subjects): Math & Physics or Botany & Zoology | | |
| Semester 2 | | |
| CHM-302 | Inorganic Chemistry - I | 4(3-1) |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| MTH-302 | Calculus-II | 4(4-0) |
| PHY-322 | Fundamentals of Electricity and Magnetism | 3(2-1) |
| ZOL-302 | Principle in Animal Life – II | 4(3-1) |
| BOT-302 | Systematic, Anatomy and Development | 4(3-1) |

| Optional (Any two subjects): Math & Physics or Botany & Zoology | | |
|---|---|--------|
| Semester 3 | | |
| CHM-401 | Physical Chemistry - I | 4(3-1) |
| ENG-421 | Communications Skills | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| MTH-405 | Differential Equations – I | 4(4-0) |
| PHY-323 | Concept of Modern Physics | 3(2-1) |
| ZOL-401 | Animal Diversity: Invertebrates | 4(3-1) |
| BOT-401 | Cell Biology, Genetics and Evolution | 4(3-1) |
| Optional (Any two subjects): Math & Physics or Botany & Zoology | | |
| Semester 4 | | |
| CHM-402 | Analytical Chemistry - I | 4(3-1) |
| ENG-422 | Technical Writing | 3(3-0) |
| CSI-422 | Computer Applications & Web– II | 3(3-0) |
| MTH-406 | Differential Equations – II | 4(4-0) |
| PHY-324 | Introduction to Heat and Thermodynamics | 3(2-1) |
| ZOL-402 | Animal Form & Function | 4(3-1) |
| BOT-402 | Plant Physiology and Ecology | 4(3-1) |
| Optional (Any two subjects): Math & Physics or Botany & Zoology | | |
| Semester 5 | | |
| CHM-501 | Inorganic Chemistry - II | 4(3-1) |
| CHM-503 | Organic Chemistry – II | 4(3-1) |
| CHM-505 | Physical Chemistry - II | 4(3-1) |
| CHM-507 | Analytical Chemistry – II | 4(4-0) |
| MTH-525 | Mathematics for Chemists | 2(2-0) |
| Semester 6 | | |
| CHM-502 | Inorganic Chemistry – III | 4(3-1) |
| CHM-504 | Organic Chemistry - III | 4(3-1) |
| CHM-506 | Physical Chemistry - III | 4(3-1) |
| CHM-508 | Analytical Chemistry – III | 4(4-0) |
| CHM-510 | Environmental Chemistry | 3(3-0) |
| Semester 7 | | |
| Specialization in Analytical Chemistry | | |
| ENG-611 | English for Employment | 3(3-0) |
| CHM-601 | Electroanalytical Techniques | 3(3-0) |
| CHM-603 | Advanced Separation Techniques | 3(3-0) |
| CHM-605 | Atomic Spectroscopy | 3(3-0) |

| CHM-607 | Advanced Analytical Chemistry Practicals – I | 2(0 – 2) |
|--|--|----------|
| Specialization in Inorganic Chemistry | | |
| ENG-611 | English for Employment | 3(3 – 0) |
| CHM-611 | Main Group Organometallic and Organic Reagents | 3(3 – 0) |
| CHM-613 | Spectroscopic Methods of Analysis | 3(3 – 0) |
| CHM-615 | Organo-Transition Metal Compounds | 3(3 – 0) |
| CHM-617 | Advanced Inorganic Chemistry Practicals – I | 2(0 – 2) |
| Specialization in Organic Chemistry | | |
| ENG-611 | English for Employment | 3(3 – 0) |
| CHM-621 | Spectroscopic Organic Techniques | 3(3 – 0) |
| CHM-623 | Rearrangements and Pericyclic Reactions | 3(3 – 0) |
| CHM-625 | Pharmaceutical Chemistry | 3(3 – 0) |
| CHM-627 | Advanced Organic Chemistry Practicals – I | 2(0 – 2) |
| Specialization in Physical Chemistry | | |
| ENG-611 | English for Employment | 3(3 – 0) |
| CHM-631 | Kinetics of Complex Reactions | 3(3 – 0) |
| CHM-633 | Advanced Spectroscopy | 3(3 – 0) |
| CHM-635 | Material Chemistry | 3(3 – 0) |
| CHM-637 | Advanced Physical Chemistry Practicals – I | 2(0 – 2) |
| Semester 8 | | |
| Specialization in Analytical Chemistry | | |
| STA-321 | Introduction to Statistical Theory | 3(3 – 0) |
| CHM-602 | Thermal Methods of Analysis | 3(3 – 0) |
| CHM-604 | Nuclear Analytical Techniques | 3(3 – 0) |
| CHM-606 | Food and Drug Chemistry | 3(3 – 0) |
| CHM-608 | Standard Methods & Quality Assurance | 3(3 – 0) |
| CHM-610 | Advanced Analytical Chemistry Practicals – II | 2(0 – 2) |
| Specialization in Inorganic Chemistry | | |
| STA-321 | Introduction to Statistical Theory | 3(3 – 0) |
| CHM-612 | X-ray Spectroscopy | 3(3 – 0) |
| CHM-614 | Homogeneous Catalysis | 3(3 – 0) |
| CHM-616 | Radio Nuclear Chemistry | 3(3 – 0) |
| CHM-618 | Magneto Chemistry | 3(3 – 0) |
| CHM-620 | Advanced Inorganic Chemistry Practicals– II | 2(0 – 2) |
| Specialization in Organic Chemistry | | |
| STA-321 | Introduction to Statistical Theory | 3(3 – 0) |
| CHM-622 | Organic Polymers | 3(3 – 0) |



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|---|---|--------|
| CHM-624 | Reactive Intermediates and Photochemistry | 3(3-0) |
| CHM-626 | Disconnection Approach | 3(3-0) |
| CHM-628 | Organic Catalyst and Protective Group | 3(3-0) |
| CHM-630 | Advanced Organic Chemistry Practicals – II | 2(0-2) |
| Specialization in Physical Chemistry | | |
| STA-321 | Introduction to Statistical Theory | 3(3-0) |
| CHM-632 | Applications of Symmetry & Group Theory | 3(3-0) |
| CHM-634 | Quantum Mechanics | 3(3-0) |
| CHM-636 | Nuclear and Radiation Chemistry | 3(3-0) |
| CHM-638 | Electrochemical Aspects of Solutions | 3(3-0) |
| CHM-640 | Advanced Physical Chemistry Practicals – II | 2(0-2) |

MSc Chemistry

| | | |
|---|--|--------|
| Semester 1 | | |
| CHM-551 | Physical Chemistry – I | 4(3-1) |
| CHM-553 | Organic Chemistry – I | 4(3-1) |
| CHM-555 | Inorganic Chemistry – I | 4(3-1) |
| CHM-557 | Analytical Chemistry – I | 4(4-0) |
| MTH-571 | Mathematics for Chemists | 2(2-0) |
| Semester 2 | | |
| CHM-552 | Physical Chemistry – II | 4(3-1) |
| CHM-554 | Organic Chemistry – II | 4(3-1) |
| CHM-556 | Inorganic Chemistry – II | 4(3-1) |
| CHM-558 | Analytical Chemistry – II | 4(3-0) |
| CHM-560 | Environmental Chemistry | 3(3-0) |
| Semester 3 | | |
| Specialization in Analytical Chemistry | | |
| ENG-611 | English for Employment | 3(3-0) |
| CHM-651 | Electro-analytical Techniques | 3(3-0) |
| CHM-653 | Advanced Separation Techniques | 3(3-0) |
| CHM-655 | Atomic Spectroscopy | 3(3-0) |
| CHM-657 | Advanced Analytical Chemistry Practicals | 2(0-2) |
| Specialization in Inorganic Chemistry | | |
| ENG-611 | English for Employment | 3(3-0) |
| CHM-661 | Main Group Organometallic and Organic Reagents | 3(3-0) |
| CHM-663 | Spectroscopic Methods of Analysis | 3(3-0) |

| | | |
|---|---|--------|
| CHM-665 | Organo-Transition Metal Compounds | 3(3-0) |
| CHM-667 | Advanced Inorganic Chemistry Practicals | 2(0-2) |
| Specialization in Organic Chemistry | | |
| ENG-611 | English for Employment | 3(3-0) |
| CHM-671 | Spectroscopic Organic Techniques | 3(3-0) |
| CHM-673 | Rearrangements and Pericyclic Reactions | 3(3-0) |
| CHM-675 | Pharmaceutical Chemistry | 3(3-0) |
| CHM-677 | Advanced Organic Chemistry Practicals | 2(0-2) |
| Specialization in Physical Chemistry | | |
| ENG-611 | English for Employment | 3(3-0) |
| CHM-681 | Kinetics of Complex Reactions | 3(3-0) |
| CHM-683 | Advanced Spectroscopy | 3(3-0) |
| CHM-685 | Material Chemistry | 3(3-0) |
| CHM-687 | Advanced Physical Chemistry Practicals | 2(0-2) |
| Semester 4 | | |
| Specialization in Analytical Chemistry | | |
| CHM-629 | Seminar (Research) | 1(0-1) |
| STA-595 | Introduction to Statistical Theory | 3(3-0) |
| CHM-654 | Nuclear Analytical Techniques | 3(3-0) |
| CHM-656 | Thermal Methods of Analysis | 3(3-0) |
| CHM-658 | Food and Drug Chemistry | 3(3-0) |
| CHM-660 | Standard Methods & Quality Assurance | 3(3-0) |
| Specialization in Inorganic Chemistry | | |
| CHM-629 | Seminar (Research) | 1(0-1) |
| STA-595 | Introduction to Statistical Theory | 3(3-0) |
| CHM-662 | X-ray Spectroscopy | 3(3-0) |
| CHM-664 | Homogeneous Catalysis | 3(3-0) |
| CHM-666 | Radio Nuclear Chemistry | 3(3-0) |
| CHM-668 | Magneto Chemistry | 3(3-0) |
| Specialization in Organic Chemistry | | |
| CHM-629 | Seminar (Research) | 1(0-1) |
| STA-595 | Introduction to Statistical Theory | 3(3-0) |
| CHM-672 | Organic Polymers | 3(3-0) |
| CHM-674 | Reactive Intermediates and Photochemistry | 3(3-0) |
| CHM-676 | Disconnection Approach | 3(3-0) |
| CHM-678 | Organic Catalyst and Protective Groups | 3(3-0) |
| Specialization in Physical Chemistry | | |

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|---------|---|--------|
| CHM-629 | Seminar (Research) | 1(0-1) |
| STA-595 | Introduction to Statistical Theory | 3(3-0) |
| CHM-682 | Applications of Symmetry and Group Theory | 3(3-0) |
| CHM-684 | Quantum Mechanics | 3(3-0) |
| CHM-686 | Nuclear and Radiation Chemistry | 3(3-0) |
| CHM-688 | Electrochemical Aspects of Solutions | 3(3-0) |

MPhil / PhD Chemistry

| | | |
|-----------------------------|---|--------|
| Inorganic Chemistry | | |
| CHM-701 | Solid State Chemistry | 3(3-0) |
| CHM-702 | Photochemical Reactions of Transition Metals | 3(3-0) |
| CHM-703 | Applied Transition Metal Catalytic Chemistry | 3(3-0) |
| CHM-704 | Chemistry of Organometallic Compounds | 3(3-0) |
| CHM-705 | Inorganic Electronic Spectroscopy | 3(3-0) |
| CHM-706 | Kinetics and Mechanism of Inorganic Reactions | 3(3-0) |
| CHM-707 | Bio-Inorganic Chemistry | 3(3-0) |
| CHM-708 | Nano Chemistry | 3(3-0) |
| CHM-709 | Applied Spectroscopy | 3(3-0) |
| CHM-710 | Extractive Metallurgy | 3(3-0) |
| CHM-711 | Metal Based Drugs | 3(3-0) |
| CHM-712 | Medicinal Inorganic Chemistry | 3(3-0) |
| CHM-713 | Advanced Thermal Analysis | 3(3-0) |
| CHM-714 | Metal Complexes in Cancer Chemotherapy | 3(3-0) |
| CHM-715 | Inorganic Cage Compounds | 3(3-0) |
| CHM-716 | Inorganic Polymers | 3(3-0) |
| CHM-717 | Radiochemistry | 3(3-0) |
| Analytical Chemistry | | |
| CHM-731 | Advanced Research Methodology | 3(3-0) |
| CHM-732 | Advanced Gas Chromatography | 3(3-0) |
| CHM-733 | Advanced Liquid Chromatography | 3(3-0) |
| CHM-734 | Advanced Molecular Spectroscopy | 3(3-0) |
| CHM-735 | Mass Spectrometric Analysis | 3(3-0) |
| CHM-736 | Advanced Emission Spectroscopy | 3(3-0) |
| CHM-737 | Laser and Luminescence Spectroscopy | 3(3-0) |
| CHM-738 | Analytical Aspects of NMR Spectroscopy | 3(3-0) |
| CHM-739 | Radiopharmaceutical Analysis | 3(3-0) |
| CHM-740 | Radio-Analytical Methods of Analysis | 3(3-0) |

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|---------|---|--------|
| CHM-741 | Modern Extraction Techniques | 3(3-0) |
| CHM-742 | Quality Assurance and quality Control | 3(3-0) |
| CHM-743 | Modern Analysis for Process Industries | 3(3-0) |
| CHM-744 | Techniques for Polymer Analysis | 3(3-0) |
| CHM-745 | Environmental Impact of Chemical Industries | 3(3-0) |
| CHM-746 | X-Rays Methods of Analysis | 3(3-0) |
| CHM-747 | Advanced Electrochemical Techniques | 3(3-0) |
| CHM-748 | Advanced Electrophoretic Techniques | 3(3-0) |
| CHM-749 | Forensic Chemistry | 3(3-0) |
| CHM-750 | Automated Methods of Analysis | 3(3-0) |

Organic Chemistry

| | | |
|---------|--|--------|
| CHM-751 | Modern Trends in Organic Synthesis | 3(3-0) |
| CHM-752 | Advanced Stereochemistry | 3(3-0) |
| CHM-753 | Physico-organic Chemistry and Reaction Mechanism | 3(3-0) |
| CHM-754 | Advanced Heterocycles-I | 3(3-0) |
| CHM-755 | Chemistry of Glycosides | 3(3-0) |
| CHM-756 | Biosynthesis of Natural Products | 3(3-0) |
| CHM-757 | Advanced Nuclear Magnetic Resonance | 3(3-0) |
| CHM-761 | Role of Protective Groups in Organic Synthesis | 3(3-0) |
| CHM-762 | Advanced Heterocycles Chemistry-II | 3(3-0) |
| CHM-763 | Advanced Molecular Rearrangements | 3(3-0) |
| CHM-764 | Chemistry of Nitrogenous Compounds | 3(3-0) |
| CHM-765 | Advanced Mass Spectrometry | 3(3-0) |
| CHM-766 | Supramolecular Chemistry | 3(3-0) |
| CHM-767 | Chemistry of Drugs | 3(3-0) |
| CHM-768 | Chelated Enolates in Organic Synthesis | 3(3-0) |
| CHM-769 | Cross Coupling Reactions | 3(3-0) |
| CHM-770 | Multi-component Reactions | 3(3-0) |
| CHM-771 | Green Synthesis | 3(3-0) |
| CHM-772 | Symmetry Controlled Reactions | 3(3-0) |
| CHM-773 | Classics in Total Synthesis | 3(3-0) |

Physical Chemistry

| | | |
|---------|--|--------|
| CHM-781 | Physical Chemistry of High Polymers | 3(3-0) |
| CHM-782 | Complex Extension of Quantum Chemistry | 3(3-0) |
| CHM-783 | Electrode Processes | 3(3-0) |
| CHM-784 | Magnetic Spin Dynamics | 3(3-0) |
| CHM-785 | Molecular Spectroscopy | 3(3-0) |

| | | |
|---------|--|--------|
| CHM-786 | Photochemistry | 3(3-0) |
| CHM-787 | Solution Chemistry | 3(3-0) |
| CHM-788 | Colloids and Surfactants | 3(3-0) |
| CHM-789 | Theoretical and Computational Chemistry | 3(3-0) |
| CHM-790 | Advanced Composite Materials | 3(3-0) |
| CHM-791 | Heterogeneous Catalysis | 3(3-0) |
| CHM-792 | Modern Aspects of Chemical Kinetics | 3(3-0) |
| CHM-793 | Environmental Chemistry and Energy Conversions | 3(3-0) |
| CHM-794 | Surface Chemistry | 3(3-0) |
| CHM-795 | Solid State and Semiconductors | 3(3-0) |
| CHM-796 | Thermodynamics and Statistical Mechanics | 3(3-0) |
| CHM-797 | Environmental Applications of High Energy Radiations | 3(3-0) |
| CHM-798 | Instrumental Physical Chemistry | 3(3-0) |
| CHM-799 | Modern Trends in Symmetry and Group Theory | 3(3-0) |

Mandatory Requirements for MPhil

| | | |
|---------|--------------------|--------|
| CHM-728 | Seminar (General) | 1(0-1) |
| CHM-729 | Seminar (Research) | 1(0-1) |
| CHM-730 | Thesis | 6(0-6) |

Mandatory Requirements for PhD

| | | |
|---------|--------------------|--------|
| CHM-758 | Seminar (General) | 1(0-1) |
| CHM-759 | Seminar (Research) | 1(0-1) |
| CHM-760 | Thesis | --- |



Department of Computer Science

Phone: 041-9201452
Email: ramzan.talib@gcuf.edu.pk
cs@gcuf.edu.pk



Vision

To ensure that the students take maximum advantage of the modern computer sciences to solve a wide range of complex scientific, technological and social problems.

Mission

To provide exemplary education and training to our students in the field of computer so that they productively contribute to academia and industry.

Introduction

The Department of Computer Science is one of the most prominent and oldest centers of computer education in Faisalabad city and was established as a separate department by offering ICS program in 1999. The progress journey of the department continued, and it offered BS (CS) program in 2001 and MCS program in 2004.

The department provides excellent computing facilities and ensures the enhancement of practical knowledge of students by facilitating them to learning. The Computer Science Department provides a comprehensive range of facilities necessary for computer use and a library of programs and packages for solving scientific, engineering, commercial and social problems.

Laboratories

The department is equipped with three state of the art computer labs with the latest Pentium machines. These laboratories which are accessible to all students and teachers of Computer Science Department are linked through the state of the art network environment for retrieving information. It is for

the first time in the history of Faisalabad for an institute to have its own established software house.

The following laboratories have been set up:

- Database Design Lab
- Software Development Lab

A team of excellent and dedicated developers works untiringly hard to develop, design and update wide range of software that meets the university requirements in addition to the market demands as well.

Faculty

Dr. Muhammad Ramzan Talib

Associate Professor / **Chairman**

PhD (Computer Science)

Specialization: Databases and Information Systems

Dr. Muhammad Kashif Hanif

Assistant Professor

PhD (Computer Science)

Specialization: GPU Computing, Algorithm Analysis

Muhammad Umer Sarwar

Assistant Professor

MS(CS)

Specialization: Databases, Information Security

Sami Ullah

Assistant Professor

MS(CS)

Specialization: Networks, Web Programming.

Programs Offered

1. BS Computer Science
2. MSc Computer Science
3. MS Computer Science
4. PhD Computer Science

Chairman: Dr. Muhammad Ramzan Talib



Muhammad Irfan Khan

Lecturer
MS(CS)
Specialization: Computer Graphics, Data Structure

Adeel Zahid

Lecturer (On Study Leave)
MS(CSE)
Specialization: Visual Programming, Discrete Structure

Sh. Muhammad Aamir

Lecturer
MS(CS)
Specialization: Programming, Computer Network

Nafees Ayub

Lecturer
MS(CS)
Specialization: Programming, Computer Network

Asma Sajid

Lecturer
MS(CS)
Specialization: Software Engineering

Sohail Iqbal

Lecturer
MS(CS)
Specialization: Algorithms, Computer Graphics

Ghulam Ali

Lecturer (On Leave)
MS(CS)
Specialization: Machine Learning, Pattern Recognition

Khurram Shahzad

Lecturer
MS(CS)
Specialization: Natural Language Processing

Muhammad Murad

Lecturer
MS(CS)
Specialization: Block Chain Technology

Uzma Jamil

Lecturer
MS(CS)
Specialization: Machine Learning

Muhammad Younas

Lecturer (on Study leave)
MS(CS)
Specialization: Computer Network

Scheme of Studies BS Computer Science

| Semester 1 | | |
|------------|---|--------|
| CSI-301 | Programming Fundamentals | 4(3-1) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| ENG-322 | English Composition & Comprehensive | 3(3-0) |
| MTH-323 | Calculus & Analytical Geometry | 3(3-0) |
| PHY-323 | Basic Electronics | 3(2-1) |
| Semester 2 | | |
| CSI-302 | Object Oriented Programming | 4(3-1) |
| ELE-401 | Digital Logic Design | 4(3-1) |
| ENG-421 | Communication Skills | 3(3-0) |
| STA-321 | Introduction to Statistics Theory | 3(3-0) |
| ECO-408 | Introduction to Pakistani Economy | 3(3-0) |
| Semester 3 | | |
| CSI-403 | Computer Organization & Assembly Language | 4(3-1) |
| CSI-401 | Data Structure and Algorithms | 4(3-1) |
| CSI-405 | Discrete Structures | 3(3-0) |
| CSI-411 | Professional Practices | 3(3-0) |
| MTH-423 | Differential Equations | 3(3-0) |
| Semester 4 | | |
| CSI-406 | Design & Analysis of Algorithms | 3(3-0) |
| CSI-404 | Theory of Automata | 3(3-0) |
| CSI-503 | Database Systems | 4(3-1) |
| MTH-424 | Linear Algebra | 3(3-0) |
| MGT-404 | Human Resource Management | 3(3-0) |
| Semester 5 | | |
| CSI-505 | Compiler Construction | 3(3-0) |
| MTH-324 | Multi-variate Calculus | 3(3-0) |
| CSI-402 | Operating Systems | 4(3-1) |
| SWE-401 | Introductin to Software Engineering | 3(3-0) |
| CSI-408 | Numerical Computing | 3(3-0) |
| Semester 6 | | |

| CSI-508 | Artificial Intelligence | 4(3-1) |
|---|----------------------------------|--------|
| CSI-512 | Computer Networks | 4(3-1) |
| CSI-506 | Web Design and Development | 3(2-1) |
| CSI-616 | Fundamental of Data Mining | 3(3-0) |
| ENG-422 | Technical Writing | 3(3-0) |
| Semester 7 | | |
| CSI-615 | Mobile & Application Development | 3(2-1) |
| CSI-604 | Computer Graphics | 3(2-1) |
| SOC-307 | Introduction to Sociology | 3(3-0) |
| CSI-621 | Parallel & Distributed Computing | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| Semester 8 | | |
| CSI-504 | Distributed Database Systems | 3(2-1) |
| | Foreign Language * | 3(3-0) |
| * Department can offer any one of the following languages chinese, French, German, English, Persian, Arabic | | |
| CSI-631 | Project | 6(0-6) |
| CSI-619 | Information Security | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |

MSc Computer Science

| Semester 1 | | |
|------------|---|----------|
| CSI - 551 | Introduction to Computer Science & Information Technology | 4(3-1) |
| CSI -552 | Introduction to Computer Programming | 4(3 -1) |
| CSI -553 | Database Management Systems | 4(3 - 1) |
| CSI -563 | Digital Logic and Design | 3(2- 1) |
| ENG-421 | Communication Skills | 3(3-0) |
| CSI-554 | Discrete Structure | 3(3-0) |
| Semester 2 | | |
| CSI -561 | Object Oriented Programming | 4 (3 -1) |
| CSI -562 | Theory of Automata and Formal Lan-guages | 3 (3 -0) |
| CSI -571 | Distributed Database Systems | 3 (2 -1) |
| CSI -574 | Computer Organization and Assembly Language | 3 (2 -1) |
| SWE-572 | Software Engineering | 3 (3 -0) |
| CSI -573 | Operating Systems | 3 (2 -1) |



| Semester 3 | | |
|------------|------------------------------------|--------|
| CSI-651 | Data Structures and Algorithms | 3(2-1) |
| CSI-652 | Computer Graphics | 3(2-1) |
| CSI-653 | Theory of Compiler Construction | 3(2-1) |
| CSI-654 | Web Engineering | 3(2-1) |
| CSI-655 | Data Communication and Networks | 3(2-1) |
| CSI-661 | Artificial Intelligence | 3(2-1) |
| Semester 4 | | |
| SWE-656 | Software Project Management | 3(3-0) |
| CSI-671 | Research Methods and Data Analysis | 3(3-0) |
| CSI-657 | Wireless and Mobile Communication | 3(3-0) |
| CSI-680 | Thesis | 6(0-6) |

| | | |
|---------|---|--------|
| CSI-726 | Research Trends in Workflow Resource Management | 3(3-0) |
| CSI-731 | Research Trends in Data Provenance | 3(3-0) |
| CSI-732 | Advance topics in Parallel Computing | 3(3-0) |
| CSI-733 | Special Topics in Machine Learning | 3(3-0) |
| CSI-734 | Research Trends in Semantic web | 3(3-0) |
| CSI-735 | Advance topics in Big Data Analysis | 3(3-0) |
| CSI-737 | Special Topics in Text Mining | 3(3-0) |

| Mandatory Requirements for MS | | |
|-------------------------------|-------------------------|--------|
| STA-795 | Statistics for Research | 3(3-0) |
| CSI-728 | Seminar (General) | 1(0-1) |
| CSI-729 | Seminar (Research) | 1(0-1) |
| CSI-730 | Thesis | 6(0-6) |

| Mandatory Requirements for PhD | | |
|--------------------------------|--------------------|--------|
| CSI-758 | Seminar (General) | 1(0-1) |
| CSI-759 | Seminar (Research) | 1(0-1) |
| CSI-760 | Thesis | --- |

*PhD students who have not studied the course "Statistics for Research" in MPhil will have to take this course as audit course as mandatory requirement.

MS /PhD Computer Science

| | | |
|-----------|--|--------|
| * CSI-701 | Advanced Analysis of Algorithms | 3(3-0) |
| * CSI-702 | Advanced Operation System | 3(3-0) |
| * CSI-703 | Theory of Programming Languages | 3(3-0) |
| * CSI-704 | Theory of Automata- II | 3(3-0) |
| * CSI-705 | Advanced Computer Architecture | 3(3-0) |
| * CSI-706 | Research Method and Data Analysis | 3(3-0) |
| CSI-710 | Advanced Topics in Computer Networks | 3(3-0) |
| CSI-711 | Advanced Topics in Distributed Computing | 3(3-0) |
| CSI-712 | Special Topics in Intelligent Systems | 3(3-0) |
| CSI-713 | Special Topics in Web Services | 3(3-0) |
| CSI-714 | Research Trends in Web Services | 3(3-0) |
| CSI-715 | Research Trends in Data Grid | 3(3-0) |
| CSI-716 | Advanced Topics in Software Engineering | 3(3-0) |
| CSI-717 | Advanced Topics in Computer Science | 3(3-0) |
| CSI-718 | Advanced Data Analysis | 3(3-0) |
| CSI-719 | Advanced Topics in Information Technology | 3(3-0) |
| CSI-720 | Special Topics in Modeling and Simulation | 3(3-0) |
| CSI-721 | Research Trends in Data Mining | 3(3-0) |
| CSI-722 | Research Trends in Data Warehouse | 3(3-0) |
| CSI-723 | Research Trends in Distributed Database | 3(3-0) |
| CSI-724 | Research Trends in Semantic Web | 3(3-0) |
| CSI-725 | Research Trends in Business Process Management | 3(3-0) |



All Pakistan CYBER SECURITY & TECHNOLOGY Summit | 2018

Organized by CYBEX School of IT Profess

Department of Geography

Phone: 041-9201332

Email: geography@gcuf.edu.pk



Programs Offered

1. BS Geography
2. BS GIS & Remote Sensing
3. MSc Geography
4. MPhil /PhD Geography

Chairman: Dr. Kashif Mahmood



Vision

To make Geography a dynamic discipline through utilizing research techniques of both Physical/Earth Sciences and Social sciences.

Mission

To achieve excellence in spatial sciences through making significant contributions in society by 1) Providing educators with effective and relevant professional development, support and materials, focusing on geographic concepts contents and pedagogy. 2) Applying geographic science to societal and environmental issues in state, the nation and global community. 3). By training students to solve spatial problem by using geo-spatial techniques.

Introduction

Department of Geography is focusing on its two distinct domains: Human Geography and Physical Geography. All disciplines including Geography made progress through latest innovation through the advancement in technology. Geographic Information System, Remote Sensing, Digital Cartography and Spatial analysis are the latest developments which are credited to the discipline of Geography. Moreover, our focus is also on the social issues of Pakistani society with their spatial dimensions and these are missing in other social sciences. Sustainable development, urban transition, Globalization, Rapid population Growth, Water Contamination, Solid waste Management , Land use/Land use cover change ,natural disaster and hazards, Women empowerment, Changing family structure and changing Pakistani society are the focal areas which are being investigated

at our Department.

Establishment of Linkages with Government Institutes, Industries and NGOs

Department of Geography is initiating a task for the establishment of linkages with Government institutes, industries and NGOs. Internship of students in various organizations/Departments / NGOs will flourish industry-academia linkage. Miss Hafiza Huma Haider has been working as internship incharge of Geography Department and has communicated with 55 organizations like NGOs, industries, government institutions etc. Moreover department has received positive consents for internship from different departments.

Faculty

Dr. Kashif Mahmood

Assistant Professor / Incharge
PhD (University of Orleans, France)

Specialization: Urban Transition, Sustainable development, Family structure , Population Geography.

Dr. Fazlul Haq

Assistant Professor, PhD (University of Peshawar)
Specialization: Mountains Geography and Natural Resource Management

Dr. Liaqat Ali Waseem

Assistant Professor (TTS)
PhD University of Salzburg Austria.
Specialization: Applied Geography, Urban Planning & Ecology

**Dr. Syed Ali Asad Naqvi**

Assistant Professor (TTS)
PhD Geography University of Karachi, Karachi
Specialization: Medical Geography: Disease Ecology;
Environmental Geography;

Dr. Faiza Mazhar

Assistant Professor (TTS)
PhD Geography University of Punjab Lahore
Specialization: Urban land use planning, GIS, Remote Sensing

Mr. Shoaib Khalid

Lecturer
MPhil (GCUF) (On Study Leave)
Specialization: Environmental Geography, GIS

Ms. Nusrat Parveen

Lecturer
MPhil (GCUF) (On Study Leave)
Specialization: Environmental Geography

Ms. Mahpara Iram

Lecturer
MPhil Scholar (GCUF)
Specialization: Geography.

Ms. Ayesha Saleem

Lecturer
MPhil (GCUF)
Specialization: Urban Geography, Evolution of Geographic Thought, Regional Planning & Development

Ms. Mubshra Mohsin

Lecturer
MPhil Scholar (GCUF)
Specialization: Geography

Ms. Maryam Khalid

Lecturer
MPhil (UOS)
Specialization: Urban Geography

Ms. Hafiza Huma Haider

Lecturer
MPhil (The Islamia University, Bahawalpur)
Specialization: Social Geography, regional Planning & Development, GIS.

Ms. Fareeha Zameer

Lecturer, MPhil (GCUF) (On Study Leave)
Specialization: Human Geography

Ms. Sumbul Zahra

Lecturer (Visiting)
MPhil RS & GIS University of the Punjab
Specialization: Geomatics, Remote Sensing & GIS

Ms. Syeda Areeba Gillani

Lecturer (Visiting)
MPhil Remote Sensing & GIS Arid Agriculture University,
Rawalpindi
Specialization: Remote Sensing & Geographic Information System

Ms. Mariam Kareem

Research Officer, MPhil Scholar (GCUF), M.Sc (GCUF)
Specialization: Geography

Scheme of Studies BS Geography

| Semester 1 | | |
|------------|--|--------|
| GEO-301 | Fundamentals of Geography | 3(3-0) |
| ENG-321 | Functional English | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| ENV-301 | Introduction to Environmental Science | 3(3-0) |
| Semester 2 | | |
| GEO-302 | Physical Geography | 3(3-0) |
| GEO-304 | Map Work | 3(2-1) |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| MTH-322 | Introduction to Calculus | 3(3-0) |
| SOC-307 | Introduction to Sociology | 3(3-0) |
| Semester 3 | | |
| GEO-401 | Human Geography | 3(3-0) |
| GEO-403 | Basic Field Surveying | 3(2-1) |
| ENG-421 | Communication Skills | 3(3-0) |

| STA-409 | Statistics in Geography | 3(3-0) |
|--|--|--------|
| PHY-321 | Fundamentals of Mechanics | 3(2-1) |
| Semester 4 | | |
| GEO-402 | Introduction to GIS and Remote Sensing | 3(2-1) |
| ENG-422 | Technical Writing | 3(3-0) |
| GEOG-404 | Region and Regional Concepts | 3(3-0) |
| GEOG-406 | Geography of South Asia | 3(3-0) |
| ECO-408 | Issues in Pakistan Economy | 3(3-0) |
| Semester 5 | | |
| GEO-501 | Geographic Thoughts and Modern Concepts | 3(3-0) |
| GEO-503 | Geomorphology | 3(3-0) |
| GEO-505 | Climatology | 3(3-0) |
| GEO-507 | Economic Geography | 3(3-0) |
| GEO-509 | Concepts in Human Geography | 3(3-0) |
| GEOG-511 | Surveying and Levelling | 3(1-2) |
| Semester 6 | | |
| GEO-502 | Geography of Pakistan | 3(3-0) |
| GEO-504 | Research Methodology | 3(3-0) |
| GEO-506 | Quantitative Techniques in Geography | 3(2-1) |
| GEO-508 | Oceanography | 3(2-1) |
| GEO-510 | Geographic Information System | 3(2-1) |
| GEO-512 | Cartography | 3(1-2) |
| Semester 7 | | |
| GEO-601* | Digital Cartography | 3(1-2) |
| GEG-603* | Regional Studies of South Asia / North America / Australia etc.) | 3(3-0) |
| GEO-605 | Soil Geography | 3(2-1) |
| GEO-607 | Hydro Geography | 3(3-0) |
| GEO-609 | Population Geography | 3(3-0) |
| GEO-611 | Agricultural Geography | 3(3-0) |
| GEO-613 | Cultural Geography | 3(3-0) |
| GEO-615 | Transportation Geography | 3(3-0) |
| GEO-617 | Geography of Recreation and Tourism | 3(3-0) |
| GEO-619 | Urban Geography | 3(3-0) |
| GEO-621 | Geography of Arid Lands | 3(3-0) |
| GEO-623 | Maritime Affairs and its applications | 3(3-0) |
| Note: Students have to choose 4 optional and GEO-603 are compulsory courses in the seventh semester. | | |

| Semester 8 | | |
|--|--|--------|
| GEO -602* | Field Research Report | 3(0-3) |
| GEO-604 | Climate change studies | 3(3-0) |
| GEO-606 | Environmental Management | 3(3-0) |
| GEO-608 | Meteorology | 3(3-0) |
| GEO-610 | Regional Planning Development | 3(2-1) |
| GEO-612 | Industrial Geography | 3(3-0) |
| GEO-614 | Global Positioning System | 3(1-2) |
| GEO-616 | Geography of Marketing | 3(3-0) |
| GEO-618 | Remote Sensing | 3(1-2) |
| GEO-620 | Political Geography | 3(3-0) |
| GEO-622 | Fluvial Morphology | 3(3-0) |
| GEO 624 | Military Geography | 3(3-0) |
| GEO-626 | Medical Geography | 3(3-0) |
| GEO -627 | Geography of Natural Hazards and Disasters | 3(3-0) |
| GEO -633 | Environmental Geography | 3(3-0) |
| GEO -630 | Thesis | 6(0-6) |
| Note: Students have to choose 4 optional GEO-602 is compulsory course in the eighth semester | | |

BS Geographic Information System & Remote Sensing

| Semester 1 | | |
|------------|--|--------|
| ENG-321 | Functional English | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| GIS-309 | Introduction to GIS | 3(2-1) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| GEO-311 | Physical Geography | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| Semester 2 | | |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| CSI-302 | Object Oriented Programming | 3(3-0) |
| GIS-310 | Introduction to Remote Sensing | 3(2-1) |
| GEO-312 | Human Geography | 3(3-0) |
| MTH-322 | Introduction to Calculus | 3(3-0) |
| Semester 3 | | |

| MTH-409 | Discrete Mathematics | 3(3-0) |
|---|---|--------|
| GEO-405 | Cartography | 3(2-1) |
| GIS-413 | Introduction to Photogrammetry | 3(2-1) |
| CSI-415 | Data Structure & Algorithms | 3(3-0) |
| ENG-421 | Communication Skills | 3(3-0) |
| Semester 4 | | |
| GEO-406 | Surveying | 3(1-2) |
| GIS-404 | Digital Image Processing | 3(2-1) |
| GEO-410 | Fundamental of Geology | 3(3-0) |
| GIS-408 | Global Positioning Systems | 3(1-2) |
| GIS-410 | Database Systems | 3(1-2) |
| ENG-422 | Technical Writing | 3(3-0) |
| Semester 5 | | |
| GIS-501 | GIS Programming | 3(1-2) |
| GIS-503 | Spatial Decision Support Systems | 3(2-1) |
| GEO-509 | Land Use Planning & Development | 3(2-1) |
| CSI-403 | Computer Graphics | 3(2-1) |
| GIS-505 | Spatial Data Visualization | 3(2-1) |
| GEO-507 | Urban & Regional Planning | 3(2-1) |
| Semester 6 | | |
| GIS-502 | Spatial Data Analysis | 3(1-2) |
| GIS-504 | Research Methods | 3(2-1) |
| GIS-506 | Project Management | 3(3-0) |
| GIS-508 | Microwave & Hyper Spectral Remote Sensing | 3(2-1) |
| GIS-510 | Fundamentals of Ecology | 3(3-0) |
| Semester 7 | | |
| *GIS-697 | Final Project - I | 3(0-3) |
| *GIS-601 | Spatial Data Management | 3(2-1) |
| GIS-603 | Spatial Data Modelling | 3(3-0) |
| GEO-607 | Population and Development | 3(2-1) |
| GIS-609 | Forest Management | 3(2-1) |
| GIS-611 | Natural Hazards and Disaster Management | 3(2-1) |
| GIS-613 | Land Information System | 3(2-1) |
| Three elective courses will have to be opted in the seventh semester whereas GIS 697 and GIS 601 are compulsory | | |
| Semester 8 | | |
| *GIS-698 | Final Project - II | 3(0-3) |
| GIS-602 | Spatial Data Infrastructure | 3(3-0) |

| | | |
|--|------------------------------------|--------|
| GIS-604 | Application of GIS in Research | 3(2-1) |
| GIS-606 | Monitoring Household Surveys | 3(2-1) |
| GIS-608 | Urban Planning | 3(2-1) |
| GIS-610 | Planning and Management of Housing | 3(2-1) |
| GIS-612 | Environmental Impact Assessment | 3(2-1) |
| Three elective courses will have to be opted in the eight semester whereas GIS 698 is compulsory | | |

MSc Geography

| Semester 1 | | |
|------------|---|--------|
| GEO-551 | Geographic thought and Modern Concepts | 3(3-0) |
| GEO -553 | Geomorphology | 3(3-0) |
| GEO -555 | Climatology | 3(3-0) |
| GEO -557 | Economic Geography | 3(3-0) |
| GEO -559 | Concepts in Human Geography | 3(3-0) |
| GEO -561 | Surveying and leveling | 3(1-2) |
| Semester 2 | | |
| GEO -552 | Geography of Pakistan | 3(3-0) |
| GEO -554 | Research Methodology | 3(3-0) |
| GEO -556 | Quantitative Techniques in Geography | 3(2-1) |
| GEO -558 | Oceanography | 3(3-0) |
| GEO -560 | Geographic Information System | 3(2-1) |
| GEO -562 | Cartography | 3(1-2) |
| Semester 3 | | |
| GEO -651* | Digital Cartography | 3(1-2) |
| GEO -653* | Regional Studies of South Asia / North America / Australia etc. | 3(3-0) |
| GEO -655 | Soil Geography | 3(2-1) |
| GEO -657 | Hydro Geography | 3(3-0) |
| GEO -659 | Population Geography | 3(3-0) |
| GEO -661 | Agricultural Geography | 3(3-0) |
| GEO -663 | Cultural Geography | 3(3-0) |
| GEO -665 | Transportation Geography | 3(3-0) |
| GEO -667 | Geography of Recreation & Tourism | 3(3-0) |
| GEO -669 | Urban Geography | 3(3-0) |
| GEO -671 | Geography of Arid Lands | 3(3-0) |
| GEO -673 | Maritime Affairs and its Applications | 3(3-0) |

| | | |
|---|--|--------|
| GEO -680 | Thesis (in lieu of two elective papers one from 3rd and one from 4th semester) | 6(0-6) |
| Note: Students have to choose 4 optional courses from GEOG-655 to GEOG-673 where as GEOG-651 and GEOG-653 are compulsory courses in the 3rd semester. | | |
| Semester 4 | | |
| GEO -650* | Field Research Report | 3(0-3) |
| GEO -652 | Climate Change Studies | 3(3-0) |
| GEO -654 | Environmental Management | 3(3-0) |
| GEO -656 | Meteorology | 3(3-0) |
| GEO -658 | Regional Planning & Development | 3(2-1) |
| GEO -660 | Industrial Geography | 3(3-0) |
| GEO -662 | Global Positioning System | 3(1-2) |
| GEO -664 | Geography of Marketing | 3(3-0) |
| GEO -666 | Remote Sensing | 3(1-2) |
| GEO -668 | Political Geography | 3(3-0) |
| GEO -670 | Fluvial Morphology | 3(3-0) |
| GEO -672 | Military Geography | 3(3-0) |
| GEO -674 | Medical Geography | 3(3-0) |
| GEO -676 | Geography of Natural Hazards and Disasters | 3(3-0) |
| GEO -678 | Environmental Geography | 3(3-0) |
| GEO -680 | Thesis (in lieu of two elective papers one from 3rd and one from 4th semester) | 6(0-6) |
| Note: Students have to choose 4 optional courses from GEOG-652 to GEOG-678 where as GEOG-650 is compulsory course in the 4th semester | | |

| | | |
|---|--|--------|
| GEO-712 | Natural Resources and Sustainable Development | 3(3-0) |
| GEO-713 | Geospatial Applications in Urban planning | 3(2-1) |
| GEO-714 | Forest Management and Ecology | 3(3-0) |
| GEO-715 | Urban Transition | 3(3-0) |
| GEO-716 | Natural Hazards and Disasters Management | 3(3-0) |
| GEO-717 | Urban Ecology | 3(3-0) |
| GEO-718 | Geography of Drought and Desertification | 3(3-0) |
| GEO-719 | Applied Methods of Urban and Regional Planning | 3(3-0) |
| GEO-720 | Earth Observation and Sustainable Urban Planning & Development | 3(3-0) |
| GEO-721 | Fluvial Morphology | 3(3-0) |
| GEO-722 | Fertility Transition | 3(3-0) |
| GEO-723 | Geopolitics and World Affairs | 3(3-0) |
| GEO-724 | Culture and Cultural Landscapes | 3(3-0) |
| GEO-725 | Medical Geography and GIS Modeling | 3(2-1) |
| Mandatory Requirements for MPhil | | |
| GEO-728 | Seminar (General) | 1(0-1) |
| GEO-729 | Seminar (Research) | 1(0-1) |
| GEO-730 | Thesis | 6(0-6) |
| Mandatory Requirements for PhD | | |
| GEO-758 | Seminar (General) | 1(0-1) |
| GEO-759 | Seminar (Research) | 1(0-1) |
| GEO-760 | Thesis | --- |
| *Core courses for MPhil ** Core Courses for PhD | | |
| Note: Students have to take one core course and two elective courses in First Semester whereas they have to take three elective courses in the 2nd semester in PhD The department will offer the courses keeping in view the availability of teachers and nature of research to be conducted. | | |

MPhil / PhD Geography

| Course Code | MPhil/ PhD Courses | Credit Hours |
|-------------|--|--------------|
| GEO-701* | Advanced Research Methods | 3(2-1) |
| GEO-702* | Geo-Statistics | 3(2-1) |
| GEO-703* | Techniques in Geo-Informatics | 3(2-1) |
| GEO-704* | Statistics in Research | 3(3-0) |
| GEO-705** | Research Design and Methods in Geography | 3(3-0) |
| GEO-706 | Advanced Urban Geography | 3(3-0) |
| GEO-707 | Biogeography | 3(2-1) |
| GEO-708 | Climate Change Science | 3(2-1) |
| GEO-709 | Population and Development | 3(3-0) |
| GEO-710 | Environmental Management | 3(3-0) |
| GEO-711 | Research in Soil Geography | 3(3-0) |



Department of Information Technology

Email: it@gcuf.edu.pk



Vision

To realize the Information Technology Division's success by respectfully acknowledging diverse and changing needs of the individuals in the dynamic fields of teaching, research, industry and outreach.

Mission

To provide responsive and dependable delivery of Information Technology to the graduates in the various disciplines of Information Technology and to train them to apply the knowledge and skills of Information Technology in the Industrial and Business Sector.

Introduction

The College of Computer Science & Information Studies was one of the most prominent and oldest centres of computer education in Faisalabad city and was established as a separate department by offering ICS programme in 1999. The progress journey of the department continued, and it offered BS (CS) programme in 2001 and MCS programme in 2004 and MS (CS) programme in 2009. BS(IT) was started as specialized area as per guidelines of Higher Education Commission (HEC). Then Department of Information Technology became a separate department focusing on more specialized areas of information Technology. This journey continued, and department offered MS(IT) program in 2014. The department provides excellent computing facilities and ensures the enhancement of practical knowledge of students by facilitating them to learning. The Department of Information Technology provides a comprehensive range of facilities necessary for computer use and a library of programs and packages for solving scientific, engineering, commercial and social problems. The department is equipped with state of the art computer labs with latest machines. These laboratories are accessible to all students and teachers and linked through the state of the art network environment for retrieving information.

Faculty

Dr. Muhammad Sheraz Arshad Malik

Assistant Professor / Coordinator

PhD (Malaysia)

Specialization: Human Computer Interaction

Ms. Rabia Saleem

Assistant Professor (On Study leave)

MS(CS)

Specialization: Artificial Intelligence / Database Systems

Mr. Tahir Abdullah

Lecturer

MS(CS)

Specialization: Software Engineering

Mr. Afzaal Hussain

Lecturer (On study leave)

MS(CS)

Specialization: Computer Networks

Mr. Shahbaz Nazeer

Lecturer

MS(CS)

Specialization: Software Engineering

Programs Offered

1. BS Information Technology
2. MS Information Technology

Coordinator: Dr. Muhammad Sheraz Arshad Malik





BS Information Technology

| Semester 1 | | |
|------------|--|--------|
| CIT-301 | Programming Fundamentals | 4(3-1) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| ENG-322 | English Composition & Comprehensive | 3(3-0) |
| MTH-323 | Calculus & Analytical Geometry | 3(3-0) |
| PHY-323 | Basic Electronics | 3(2-1) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| Semester 2 | | |
| CSI-302 | Object Oriented Programming | 4(3-1) |
| ENG-421 | Communication Skills | 3(3-0) |
| CSI-405 | Discrete Structures | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| CIT-332 | Operations Research | 3(3-0) |
| MTH-424 | Linear Algebra | 3(3-0) |
| Semester 3 | | |
| CSI-401 | Data Structure and Algorithms | 4(3-1) |
| STA-321 | Probability and Statistics | 3(3-0) |
| ELE-401 | Digital Logic Design | 4(3-1) |
| ENG-422 | Technical Writing | 3(3-0) |
| CSI-503 | Database Systems | 4(3-1) |
| Semester 4 | | |
| CSI-402 | Operating Systems | 4(3-1) |
| CSI-619 | Information Security | 3(3-0) |
| CSI-512 | Computer Networks | 4(3-1) |
| CIT-406 | Web Technologies | 3(3-0) |
| FIN-301 | Financial Accounting-I | 3(3-0) |
| Semester 5 | | |
| CIT-501 | IT Project Management | 3(3-0) |
| SWE-401 | Introduction to Software Engineering | 3(3-0) |
| CIT-505 | System and Network Administration | 4(3-1) |
| SOC-307 | Introduction to Sociology | 3(3-0) |
| CIT-535 | Formal Methods | 3(3-0) |
| Semester 6 | | |
| CIT-502 | IT Infrastructure | 3(3-0) |
| CIT-504 | Database Administration and Management | 4(3-1) |

| SWE-501 | Software Requirement Engineering | 3(3-0) |
|--|----------------------------------|--------|
| CIT- | * IT Elective-1 | 3(3-0) |
| CIT- | * IT Elective-2 | 3(3-0) |
| CIT-508 | Information System Audit | 3(3-0) |
| Semester 7 | | |
| CIT-601 | Virtual Systems and Services | 4(3-1) |
| CIT- | * IT Elective-3 | 3(3-0) |
| CIT- | * IT Elective-4 | 3(3-0) |
| CIT- | * IT Elective-5 | 3(3-0) |
| MGT-404 | Human Resource Management | 3(3-0) |
| Semester 8 | | |
| CIT-631 | Project | 6(0-6) |
| CIT-604 | Cyber Security | 3(3-0) |
| CIT-602 | Professional Practices | 3(3-0) |
| * Elective Courses (I, II, III, IV, V) will be chosen from given bellow | | |

* List of IT Elective Courses for BS(IT)

| | | |
|---------|--|--------|
| CIT-638 | Telecommunication Systems | 3(3-0) |
| CIT-639 | Routing & Switching | 3(3-0) |
| CIT-640 | Network Design and Management | 3(3-0) |
| CIT-641 | Network Programming | 3(3-0) |
| CIT-642 | Computer Game Development | 3(3-0) |
| CIT-643 | Multimedia Technologies | 3(3-0) |
| CIT-644 | 3D Modeling & Animation | 3(3-0) |
| CIT-645 | Mobile Computing | 3(3-0) |
| CIT-646 | Software Agents Technology | 3(3-0) |
| CIT-647 | E-Commerce Applications Development | 3(3-0) |
| CIT-648 | Enterprise Application Development | 3(3-0) |
| CIT-649 | Distributed Computing | 3(3-0) |
| CIT-650 | Mobile Application Development | 3(3-0) |
| CIT-651 | Data Warehousing | 3(3-0) |
| CIT-652 | Data Mining | 3(3-0) |
| CIT-653 | Business Intelligence and Analytics | 3(3-0) |
| CIT-654 | Distributed Database Systems | 3(3-0) |
| CIT-655 | Enterprise Resource Planning Systems | 3(3-0) |
| CIT-656 | Information Systems Auditing and Assurance | 3(3-0) |
| CIT-657 | Business Process Management | 3(3-0) |

| | | |
|---------|-------------------------------------|--------|
| CIT-658 | Knowledge Management | 3(3-0) |
| CIT-659 | Bioinformatics | 3(3-0) |
| CIT-660 | Biometric Systems | 3(3-0) |
| CIT-661 | Human Computer Interaction | 3(3-0) |
| CIT-662 | Cloud Computing | 3(3-0) |
| CIT-663 | System Integration and Architecture | 3(3-0) |
| CIT-664 | Technology Management | 3(3-0) |
| CIT-665 | Multimedia Systems and Design | 3(3-0) |
| CIT-666 | Internet Architecture & Protocols | 3(3-0) |
| CIT-667 | Information Systems | 3(3-0) |

MS Information Technology

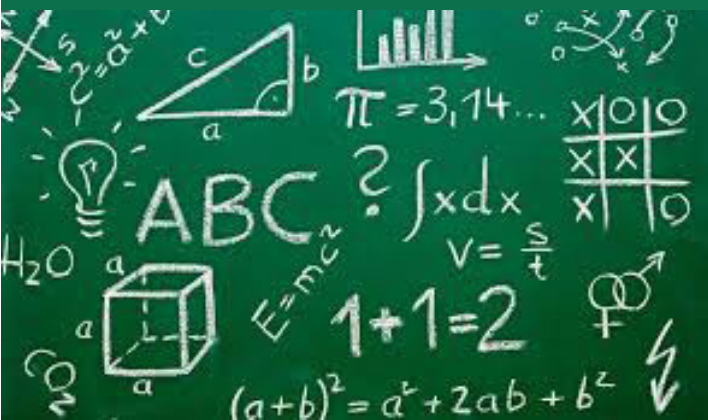
| | | |
|-----------|--|--------|
| * CIT-701 | Advanced Database Management Systems | 3(3-0) |
| * CIT-702 | Information Security and Assurance | 3(3-0) |
| * CIT-703 | Research Methods | 3(3-0) |
| CIT-704 | Information Retrieval | 3(3-0) |
| CIT-710 | Mobile and Wireless Networks | 3(3-0) |
| CIT-711 | Information Technology Infrastructure | 3(3-0) |
| CIT-712 | Telecom Management | 3(3-0) |
| CIT-713 | Data Warehousing Trends & Issues | 3(3-0) |
| CIT-714 | Data Mining Trends & Issues | 3(3-0) |
| CIT-715 | Advanced Business Intelligence and Analytics | 3(3-0) |
| CIT-716 | Multimedia Databases | 3(3-0) |
| CIT-718 | Cloud Computing | 3(3-0) |
| CIT-719 | Mobile & Pervasive Computing | 3(3-0) |
| CIT-720 | Enterprise Data Centre Design and Methodology | 3(3-0) |
| CIT-721 | Data Centre Network Design, Implementation, and Security | 3(3-0) |
| CIT-722 | Virtualized Data Centre | 3(3-0) |
| CIT-723 | Advanced Computer Networks | 3(3-0) |
| CIT-724 | Network Performance Modelling and Evaluation | 3(3-0) |
| CIT-725 | Integrated Services over Packet Networks | 3(3-0) |
| CIT-726 | Stochastic Systems | 3(3-0) |
| CIT-727 | Stochastic Processes | 3(3-0) |
| CIT-731 | Knowledge-Based Systems | 3(3-0) |
| CIT-732 | Distributed Databases | 3(3-0) |

| | | |
|--------------------------------------|-------------------------------------|--------|
| CIT-733 | Advanced Telecommunication Networks | 3(3-0) |
| CIT-734 | Multimedia Databases | 3(3-0) |
| CIT-735 | Telecommunication Systems | 3(3-0) |
| CIT-736 | Advanced Network Security | 3(3-0) |
| CIT-737 | Principles of Multimedia Systems | 3(3-0) |
| CIT-738 | Advanced Multimedia Systems | 3(3-0) |
| CIT-739 | Distributed System | 3(3-0) |
| CIT-740 | Computer Graphics | 3(3-0) |
| CIT-741 | Computer Vision | 3(3-0) |
| Mandatory Requirements for MS | | |
| STA-795 | Statistics for Research | 3(2-1) |
| CIT-728 | Seminar (General) | 1(0-1) |
| CIT-729 | Seminar (Research) | 1(0-1) |
| CIT-730 | Thesis | 6(0-6) |
| *Core courses for MS | | |



Department of Mathematics

Phone: 041-9239107
Email: math@gcuf.edu.pk



Programs Offered

1. BS Mathematics
2. MSc Mathematics
3. MPhil Mathematics
4. PhD Mathematics

Chairman: Prof. Dr. Muhammad Nawaz Naem

Vision

Mathematics develops computational skills, critical thinking, and problem solving skills. The theory, discipline, and techniques taught in mathematics courses are especially important in today's society. The faculty of the Department of Mathematics recognizes this and strives to ensure that the student learner obtains this knowledge. At the same time, the faculty contributes to the discipline by fundamental research in pure and applied mathematics, statistics, and mathematics education.

Mission

To Develop the courses to ensure that the student learner will be able to contribute to today's society; and will obtain abilities to critically assess numerical and graphical information; learn to formulate strategies for solving problems; and acknowledge the importance of being intellectually curious throughout their adult lives. The Department, through its faculty, will continue to contribute to the body of knowledge of the discipline, whether in traditional research, applied research, or research in the teaching of Mathematics.

Introduction

Established in 1963 the Department of Mathematics is one of the oldest departments of this institution. It has rich history of excellence and performance and produced renowned mathematicians who are serving in various organizations with distinction and credit.

At the University level this department is now running BS, MSc, M. Phil and PhD programmes in the subject of Mathematics. The Department has produced outstanding students who are serving in academic institutions, Pakistan Atomic Energy

Commission, Banks and Industries, and in particular, the Aerospace, Oil and Electronic Industry etc.. The mission of the Department is to enhance the research skills of the creative minds through active involvement in the research-oriented activities.

The Department has qualified and experienced teachers who are devotedly inculcating in the students the zeal, spirit and determination necessary to compete with the new scientific challenges in every walk of life.

Goals

The Department will offer courses that:

- Build and enhance computational skills necessary in today's society and develop the students' ability to critically interpret numerical and graphical data.
- Develop and enhance the students' problem solving skills.
- Encourage and reinforce the critical thinking skills of the students.
- Develop the students' ability to intelligently communicate mathematical results in both written and oral format.
- Re-institute the Masters in Mathematics, offering concentrations in Applied Mathematics and Teaching of Mathematics.
- Provide the faculty with the necessary time and resources to enhance their professional endeavors in teaching, in research, and in service.
- Provide an environment which will help all faculty and staff to achieve their professional goals.

Faculty

Prof. Dr. Muhammad Nawaz Naeem

Professor / Chairman
PhD (UK)
Specialization: Vibrations of Cylindrical Shells

Dr. Muhammad Kashif Shafiq

Assistant Professor
PhD Mathematics (GCU Lahore)
Specialization: Graph Theory

Dr. Irshaad Ahmad

Assistant Professor
PhD (GCU, Lahore)
Specialization: Functional Analysis

Dr. Saima Parveen

Assistant Professor
PhD (GCU, Lahore)
Specialization: Algebraic Topology

Dr. Muhammad Imran

Assistant Professor
PhD (GCU, Lahore)
Specialization: Fluid Mechanics

Dr. Ghulam Murtaza

Assistant Professor
PhD (GCU, Lahore)
Specialization: Functional Analysis

Dr. Nazeran Idrees

Assistant Professor
PhD (GCU, Lahore)
Specialization: Commutative Algebra

Dr. Mohsan Raza

Assistant Professor
PhD (COMSATS, Islamabad)
Specialization: Geometric Function Theory

Dr. M. Ahsan Binyamin

Assistant Professor
PhD (GCU, Lahore)
Specialization: Commutative Algebra & Singularity Theory

Dr. Awais Gul Khan

Assistant Professor
PhD (COMSATS, Islamabad)
Specialization: Variational Inequalities, Optimization

Dr. Muhammad Umer Shuaib

Assistant Professor
MPhil (GCU, Lahore)
PhD (QAU, Islamabad)
Specialization: Group Theory and its Generalizations,

Dr. Muhammad Hussan Mahmood

Assistant Professor
PhD (COMSATS, Islamabad)
Specialization: Fluid Mechanics

Dr. Muhammad Uzair Awan

Assistant Professor
PhD (COMSATS, Islamabad)
Specialization: Fluid Mechanics

Mrs. Fareeda Atta

Assistant Professor
MPhil (GCU, Faisalabad)
Specialization: Graph Theory

Dr. Khadija Tul Kubra

Lecture
PhD (Newsland)
Specialization: Vibrations of Cylindrical Shells

Mrs. Shazia Kanwal

Lecturer (On study leave for PhD)
MPhil (GCUF)
Specialization: Vibrations of Cylindrical Shells

Mrs. Ayesha Iqbal

Lecturer (On Study Leave for PhD)
MPhil (GCUF)
Specialization: Vibrations of Cylindrical Shells with ring support.

Mrs. SeharAsghar

Lecturer
MPhil (GCUF)
Specialization: Operations Research

Mrs. Asma Mahmood

Lecturer (On study leave for PhD)
MPhil (GCUF)
Specialization: Gamma-Semi groups

Mr. Muhammad Kashif Iqbal

Lecturer (On Study Leave for PhD)
MPhil (GCUF)
Specialization: Vibrations of Cylindrical Shells

Mr. Saqib Mazher Qureshi

Lecturer (On Study Leave for PhD)
MPhil (QAU, Islamabad)
Specialization: Fuzzy and Soft Algebra

Mrs. Hadia Ali

Lecturer
MPhil (GCUF)
Specialization: Differential Equations and differential transformations methods
Hadia.goraya@gcuf.edu.pk

Mr. Naveed Anjum

Lecturer
MPhil (AirUniversity, Islamabad)
Specialization: Mathematical Modeling.

Mrs. SamairaNaz

Lecturer (Gold Medalist) (On study leave for PhD)
MPhil (GCUF)
Specialization: Differential Equations

Ms. AtifaLatif

Lecturer
MPhil (GCUF)
Specialization: Symmetries of Differential Equations

Mrs. Saima Rasheed

Lecturer (On study leave for PhD)
MPhil (GCUF)
Specialization: Graph Theory

Mrs. Mubashara Wali

Lecturer
MPhil (GCUF)
Specialization: Differential Equations



Scheme of Studies BS Mathematics

| Semester 1 | | |
|------------|---|--------|
| MTH-301 | Calculus-I | 3(3-0) |
| MTH-303 | Discrete Mathematics | 3(3-0) |
| STA-322 | Introduction to Statistical Theory-I | 3(3-0) |
| PHY-322 | Fundamentals of Electricity and Magnetism | 3(2-1) |
| ENG-321 | Functional English | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| Semester 2 | | |
| MTH-302 | Calculus-II | 3(3-0) |
| MTH-304 | Linear Algebra & its Applications | 3(3-0) |
| STA-323 | Introduction to Statistical Theory-II | 3(3-0) |
| PHY-324 | Introduction to Heat and Thermodynamics | 3(2-1) |
| ENG-322 | English Comprehensive and Composition | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| Semester 3 | | |
| MTH-401 | Calculus-III | 3(3-0) |
| MTH-403 | Mechanics –I | 3(3-0) |
| MTH-405 | Differential Equations-I | 3(3-0) |
| MTH-407 | Number Theory | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| ENG-421 | Communication Skills | 3(3-0) |
| Semester 4 | | |
| MTH-402 | Affine and Euclidean Geometry | 3(3-0) |
| MTH-404 | Mechanics –II | 3(3-0) |
| MTH-406 | Differential Equations-II | 3(3-0) |
| MTH-408 | Combinatorics | 3(3-0) |
| MTH-410 | C++ | 3(2-1) |
| PSY-422 | Introduction to Psychology | 3(3-0) |
| Semester 5 | | |
| MTH-502 | Real Analysis-II | 3(3-0) |
| MTH-504 | Complex Analysis-II | 3(3-0) |
| MTH-506 | Algebra-II | 3(3-0) |
| MTH-508 | Mechanics | 3(3-0) |
| MTH-510 | Functional Analysis | 3(3-0) |
| MTH-512 | Mathematical Methods | 3(3-0) |

| Semester 6 | | |
|--|---------------------------------|--------|
| MTH-502 | Real Analysis-II | 3(3-0) |
| MTH-504 | Complex Analysis-II | 3(3-0) |
| MTH-506 | Algebra-II | 3(3-0) |
| MTH-508 | Theoretical Mechanics | 3(3-0) |
| MTH-510 | Functional Analysis | 3(3-0) |
| MTH-512 | Mathematical Methods | 3(3-0) |
| Semester 7 | | |
| MTH-601 | Numerical Analysis-I | 3(3-0) |
| MTH-603 | Partial Differential Equations | 3(3-0) |
| MTH-605 | Advanced Set Theory | 3(3-0) |
| Optional Papers (3 out of following group) | | |
| Applied Group | | |
| MTH-607 | Algebraic Number Theory | 3(3-0) |
| MTH-609 | Fluid Mechanics-I | 3(3-0) |
| MTH-611 | Operations Research | 3(3-0) |
| MTH-613 | Special Theory of Relativity | 3(3-0) |
| MTH-615 | Quantum Mechanics-I | 3(3-0) |
| MTH-617 | Integral Equations | 3(3-0) |
| Pure Group | | |
| MTH-607 | Algebraic Number Theory | 3(3-0) |
| MTH-621 | Advanced Group Theory-I | 3(3-0) |
| MTH-623 | Cryptography | 3(3-0) |
| MTH-625 | Advanced Functional Analysis | 3(3-0) |
| MTH-627 | Advanced Topology | 3(3-0) |
| MTH-633 | Continuous Groups | 3(3-0) |
| Semester 8 | | |
| MTH-602 | Numerical Analysis-II | 3(3-0) |
| MTH-604 | Computing Tools for Mathematics | 3(2-1) |
| MTH-606 | Mathematical Statistics | 3(3-0) |
| Optional Papers (3 out of following group) | | |
| Applied Group | | |
| MTH-608 | Theory of Optimization | 3(3-0) |
| MTH-610 | Fluid Mechanics-II | 3(3-0) |
| MTH-612 | Modeling and Simulation | 3(3-0) |
| MTH-614 | Special Functions | 3(3-0) |
| MTH-616 | Theory of Elasticity | 3(3-0) |

| MTH-618 | Quantum Mechanics-II | 3(3-0) |
|--|---------------------------|--------|
| Pure Group | | |
| MTH-622 | Advanced Group Theory-II | 3(3-0) |
| MTH-624 | Measure Theory | 3(3-0) |
| MTH-626 | Advanced Complex Analysis | 3(3-0) |
| MTH-614 | Special Functions | 3(3-0) |
| MTH-634 | Rings and Fields | 3(3-0) |
| MTH-636 | Operator Theory | 3(3-0) |
| Note: Elective may be offered from the list attached depending on the availability of resources of the department. | | |

MSc Mathematics

| Semester 1 | | |
|--|--------------------------------|--------|
| MTH-551 | Real Analysis-I | 3(3-0) |
| MTH-553 | Complex Analysis-I | 3(3-0) |
| MTH-555 | Algebra-I | 3(3-0) |
| MTH-557 | Vector and Tensor Analysis | 3(3-0) |
| MTH-559 | Point Set Topology | 3(3-0) |
| MTH-561 | Differential Geometry | 3(3-0) |
| Semester 2 | | |
| MTH-552 | Real Analysis-II | 3(3-0) |
| MTH-554 | Complex Analysis-II | 3(3-0) |
| MTH-556 | Algebra-II | 3(3-0) |
| MTH-558 | Mechanics | 3(3-0) |
| MTH-560 | Functional Analysis | 3(3-0) |
| MTH-562 | Mathematical Methods | 3(3-0) |
| Semester 3 | | |
| MTH-651 | Numerical Analysis-I | 3(3-0) |
| MTH-653 | Partial Differential Equations | 3(3-0) |
| MTH-655 | Advanced Set Theory | 3(3-0) |
| Optional Papers (3 out of following group) | | |
| Applied Group | | |
| MTH-657 | Algebraic Number Theory | 3(3-0) |
| MTH-659 | Fluid Mechanics-I | 3(3-0) |
| MTH-661 | Operations Research | 3(3-0) |
| MTH-663 | Special Theory of Relativity | 3(3-0) |
| MTH-665 | Quantum Mechanics-I | 3(3-0) |
| MTH-667 | Integral Equations | 3(3-0) |

| Pure Group | | |
|--|---------------------------------|--------|
| MTH-657 | Algebraic Number Theory | 3(3-0) |
| MTH-671 | Advanced Group Theory-I | 3(3-0) |
| MTH-673 | Cryptography | 3(3-0) |
| MTH-675 | Advanced Functional Analysis | 3(3-0) |
| MTH-677 | Advanced Topology | 3(3-0) |
| MTH-683 | Continuous Groups | 3(3-0) |
| Semester 4 | | |
| MTH-652 | Numerical Analysis-II | 3(3-0) |
| MTH-654 | Computing Tools for Mathematics | 3(2-1) |
| MTH-656 | Mathematical Statistics | 3(3-0) |
| Optional Papers (3 out of following Group) | | |
| Applied Mathematics | | |
| MTH-658 | Theory of Optimization | 3(3-0) |
| MTH-660 | Fluid Mechanics-II | 3(3-0) |
| MTH-662 | Modeling and Simulation | 3(3-0) |
| MTH-664 | Special Functions | 3(3-0) |
| MTH-666 | Theory of Elasticity | 3(3-0) |
| MTH-668 | Quantum Mechanics-II | 3(3-0) |
| Pure Mathematics | | |
| MTH-672 | Advanced Group Theory-II | 3(3-0) |
| MTH-674 | Measure Theory | 3(3-0) |
| MTH-676 | Advanced Complex Analysis | 3(3-0) |
| MTH-664 | Special Functions | 3(3-0) |
| MTH-684 | Rings and Fields | 3(3-0) |
| MTH-686 | Operator Theory | 3(3-0) |
| Note: Elective may be offered from the list attached depending on the availability of resources of the Department. | | |

MPhil/PhD Mathematics

| | | |
|----------|--------------------------------------|--------|
| *MTH-701 | Algebra | 3(3-0) |
| *MTH-702 | Functional Analysis | 3(3-0) |
| *MTH-703 | Numerical Analysis | 3(3-0) |
| MTH-704 | Theoretical Physics (Plasma Physics) | 3(3-0) |
| MTH-705 | Heat Transfer-I | 3(3-0) |
| MTH-706 | Heat Transfer-II | 3(3-0) |

| | | |
|---------|--|--------|
| MTH-707 | Non-Newtonian Fluid Mechanics | 3(3-0) |
| MTH-708 | Lie Algebra | 3(3-0) |
| MTH-709 | Representation Theory of Symmetric Groups | 3(3-0) |
| MTH-710 | Numerical Solutions of Ordinary Differential Equations | 3(3-0) |
| MTH-711 | Algebraic Topology | 3(3-0) |
| MTH-712 | Graph Theory and its Applications | 3(3-0) |
| MTH-713 | Numerical Solutions of Partial Differential Equations | 3(3-0) |
| MTH-714 | Approximation Theory | 3(3-0) |
| MTH-715 | Sobolev Spaces | 3(3-0) |
| MTH-716 | Theory of Semi Groups | 3(3-0) |
| MTH-717 | Advanced Fluid Dynamics | 3(3-0) |
| MTH-718 | Viscous Fluid Flow | 3(3-0) |
| MTH-719 | Commutative Algebra | 3(3-0) |
| MTH-720 | Acoustics | 3(3-0) |
| MTH-721 | Geometric Function Theory | 3(3-0) |
| MTH-722 | Integral Transforms | 3(3-0) |
| MTH-723 | Convex Analysis | 3(3-0) |
| MTH-724 | Differential Subordinations and its Applications | 3(3-0) |
| MTH-725 | Inequalities Involving Convex Functions | 3(3-0) |
| MTH-726 | Perturbation Methods-I | 3(3-0) |
| MTH-727 | Perturbation Methods-II | 3(3-0) |
| MTH-731 | Advanced Partial Differential Equations | 3(3-0) |
| MTH-732 | Theory of Interpolation Spaces | 3(3-0) |
| MTH-733 | Magneto- Hydrodynamics | 3(3-0) |
| MTH-734 | Monomial Algebra | 3(3-0) |
| MTH-735 | Variational Inequalities and its Applications | 3(3-0) |
| MTH-736 | Integral Equations | 3(3-0) |
| MTH-737 | Theory of Majorization | 3(3-0) |
| MTH-738 | Distribution Theory and Transform Analysis | 3(3-0) |
| MTH-739 | Group Theoretic Methods | 3(3-0) |
| MTH-740 | Homological Algebra | 3(3-0) |
| MTH-741 | Fixed Point Theory | 3(3-0) |
| MTH-742 | Multiplicative Ideal Theory | 3(3-0) |
| MTH-743 | Fuzzy Logic and Its Applications | 3(3-0) |
| MTH-744 | Algebraic Graph Theory | 3(3-0) |

| MTH-745 | Topics in Mathematical Inequalities | 3(3-0) |
|----------------------------------|--------------------------------------|--------|
| MTH-746 | Algebraic Geometry | 3(3-0) |
| MTH-747 | Optimization | (3-0) |
| MTH-748 | Advanced Combinatorics | 3(3-0) |
| MTH-749 | Theory of Group Actions | 3(3-0) |
| MTH-750 | Theory of Group Graphs | 3(3-0) |
| MTH-751 | Algebraic Cryptography | 3(3-0) |
| MTH-752 | Topics in advanced advanced analysis | 3(3-0) |
| Mandatory Requirements for MPhil | | |
| MTH-728 | Seminar (General) | 1(0-1) |
| MTH-729 | Seminar (Research) | 1(0-1) |
| MTH-730 | Thesis | 6(0-6) |
| Mandatory Requirements for PhD | | |
| MTH-758 | Seminar (General) | 1(0-1) |
| MTH-759 | Seminar (Research) | 1(0-1) |
| MTH-760 | Thesis | --- |

*Core courses for M Phil program; the students will have to take three core courses as and when offered by the department.



Department of Physics

Phone: 041-9201372
Email: physics@gcuf.edu.pk



Vision

To build up its national reputation in Physics education and research and to become national leader in producing highly professional and motivated physicists.

Mission

To provide rigorous training in the scientific process and a firm scientific understanding of nature to foster critical thinking and to provide scientifically literate and liberally educated physicists. The primary functional aspects of our mission can be classified as:

- Preparing undergraduate and for advanced study and employment in education, research institutes and industry.
- Developing highly qualified physicists who can serve as major contributors to the scientific and technological literacy in theoretical and applied physics.
- Providing physics knowledge, experimental experience and training in analytical reasoning and critical thinking required as the basis for the students seeking advanced studies in physics.
- Polishing the expertise and competence in physics of our researchers/academic staff and to enable them to carry out advanced research in active areas of Physics as demanded by the 21st century

Introduction

The Department of Physics is imparting quality education and research guidance to its students with the aim of serving the community at large. All the faculty members of the Department are striving arduously for achieving excellence in their profession and are utilizing all their potential to the maximum for uplifting the academic standards of the University. Currently, the department is offering undergraduate and postgraduate

programmes.

In order to broaden and deepen the vision of the students according to the needs of the 21st century, the Department is also focusing on activity-based learning. By establishing academic and research linkages with local as well as international institutions, the Department of Physics provides a conducive environment for the academic and professional development of its students. The recently organized national as well as international conferences, seminars and workshops speak volumes of the efforts the department has taken to ensure that its students are provided with an in-depth understanding of the field. Owing to the availability of a wide variety of specialized PhD staff, the Department offers research opportunities to students in condensed matter physics, plasma physics, health and medical physics, environmental physics, semiconductor materials, Laser spectroscopy, Nano technology and theoretical physics.

Faculty

Prof. Dr. Nasir Amin

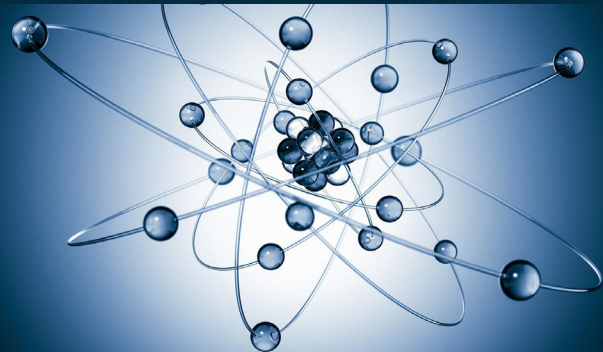
Professor / Chairperson
PhD, Post Doctorate (USA)
Specialization: Laser Spectroscopy & Laser Matter Interaction

Dr. Muhammad Sharif

Associate Professor
PhD
Specialization: Experimental Plasma Physics

Dr. Ijaz Ahmad Khan

Associate Professor (On Study Leave)
PhD
Specialization: Experimental Plasma Physics



Programs Offered

1. BS Physics
2. MSc Physics
3. MPhil Physics
4. MS Nanotechnology
5. PhD Physics

Chairperson: Prof. Dr. Nasir Amin

Dr. Muhammad Fakhar e Alam

Assistant Professor
PhD
Specialization: Bio Photonics

Dr. Abdur Rasheed

Assistant Professor
PhD
Specialization: Theoretical Plasma Physics

Dr. Muhammad Imran Arshad

Assistant Professor
PhD
Specialization: Semiconductor Physics

Dr. Adnan Ali

Assistant Professor
PhD
Specialization: Silicon Solar Cells

Dr. Muhammad Shahzad Shifa

Assistant Professor
PhD
Specialization: Remote Sensing

Dr. Aamir Shahzad

Assistant Professor
PhD
Specialization: Computational Plasma and Materials

Dr. Tariq Munir

Assistant Professor
PhD
Specialization: Solid State Physics

Dr. Khalid Mahmood

Assistant Professor
PhD
Specialization: Semiconductor and Thermoelectric Materials

Dr. Muhammad Kashif

Assistant Professor
PhD
Specialization: Materials Science & Electronics

Dr. Muhammad Ajaz –un-Nabi

Assistant Professor
PhD
Specialization: Semiconductor Materials

Dr. Nadeem Sabir

Assistant Professor
PhD
Specialization: Nanomaterials, quantum dots

Dr. Syed Muhammad Alay-e-Abbas

Assistant Professor
PhD
Specialization: Computational Condensed Matter Physics

Dr. Muhammad Imran

Assistant Professor
PhD
Specialization: Computational Materials Science

Ms. Zartashia Latif

Assistant Professor
MPhil
Specialization: XRD

Ms. Salma Ikram

Assistant Professor
MPhil
Specialization: Material Sciences & Nano Technology

Ms. Sofia Akbar

Lecturer
MPhil
Specialization: Physics of Nano Materials

Ms. Sumera Perveen

Lecturer (On Study Leave)
MPhil
Specialization: Nuclear Medicine, Solar Radiations

Dr. Qureshi Amjad Sohail Shah

Lecturer
PhD
Specialization: Quantum Field Theory

Ms. Aleena Manzoor

Lecturer
MPhil
Specialization: Materials Science

Mr. Sajid Ali

Lecturer (On Study Leave)
MPhil
Specialization: Solid State Condensed Matter Physics

Dr. Kashif Javaid

Lecturer
PhD
Specialization: Laser and Electron Matter Interaction

Mr. Taqmeem Hussain

Lecturer (On Study Leave)
MPhil
Specialization: Applied Radiation

Ms. Effat Yasin

Lecturer
MPhil
Specialization: Laser Induced Breakdown Spectroscopy

Ms. Kiran Mahmood

Lecturer
MPhil
Specialization: Nanoparticles (Ferrites)

Mr. Amjad Farid

Lecturer (On Study Leave)
MPhil
Specialization: Thin Film Semiconductors

Ms. Qurat-ul-Ain Asim

Lecturer (On Study Leave)
MPhil
Specialization: Electronics & Materials Science

Mr. Muhammad Khawar Abbas

Lecturer
MPhil
Specialization: Laser induced breakdown spectroscopy

Ms. Areeb Fatima

Lecturer
MPhil
Specialization: Nuclear Medicine & Solar Energy

Mr. Zeeshan Yaqoob

Lecturer
MPhil
Specialization: Computational Electromagnetism



Scheme of Studies BS Physics

| Semester 1 | | |
|------------|--|---------|
| PHY-301 | Mechanics-I | 3(3-0) |
| PHY-303 | Waves & Oscillations | 3(3-0) |
| MTH-323 | Calculus and Analytical Geometry | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| ENG-321 | Functional English | 3(3-0) |
| MTH-111 | Basic Mathematics - I (Deficiency Course for F.Sc Pre-Medical) | 3(3-0) |
| Semester 2 | | |
| PHY-302 | Mechanics-II | 3 (3-0) |
| PHY-304 | Heat & Thermodynamics | 3 (3-0) |
| PHY-306 | Introduction to Programming for Physicists | 3 (3-0) |
| MTH-324 | Multivariable and Integral Calculus | 3 (3-0) |
| PST-321 | Pakistan Studies | 2 (2-0) |
| ENG-322 | English Comprehensive and Composition | 3 (3-0) |
| MTH-112 | Basic Mathematics - II (Deficiency Course for F.Sc Pre-Medical) | 3(3-0) |
| Semester 3 | | |
| PHY-401 | Electricity & Magnetism-I | 3 (3-0) |
| PHY-403 | Modern Physics-I | 3 (3-0) |
| MTH-405 | Differential Equations-I | 3 (3-0) |
| MTH-429 | Introduction to Metric and Topological Spaces | 3 (3-0) |
| ENG-421 | Communication Skills | 3 (3-0) |
| PHY-407 | Lab Course-I (Mechanics, Heat and Vibrations) | 3 (0-3) |
| Semester 4 | | |
| PHY-402 | Electricity & Magnetism-II | 3 (3-0) |
| PHY-404 | Modern Physics-II | 3 (3-0) |
| MTH-406 | Differential Equations-II | 3 (3-0) |
| PHY-408 | Lab Course-II (Optics & Modern Physics) | 3 (0-3) |
| MTH-424 | Linear Algebra | 3 (3-0) |
| CHM-402 | Chemistry (Special Topics) | 4 (3-1) |
| Semester 5 | | |
| PHY-501 | Methods of Mathematical Physics-I | 3 (3-0) |
| PHY-503 | Classical Mechanics | 3 (3-0) |

| PHY-505 | Electrodynamics-I | 3 (3-0) |
|------------|--|-----------|
| PHY-507 | Electronics-I | 3 (3-0) |
| PHY-509 | Relativity and Cosmology | 3 (3-0) |
| PHY-511 | Lab Course-III (Electromagnetism) | 3 (0-3) |
| Semester 6 | | |
| PHY-502 | Methods of Mathematical Physics-II | 3 (3-0) |
| PHY-504 | Quantum Mechanics-I | 3 (3-0) |
| PHY-506 | Nuclear Physics-I | 3 (3-0) |
| PHY-508 | Electrodynamics-II | 3 (3-0) |
| PHY-510 | Electronics-II | 3 (3-0) |
| PHY-512 | Lab Course-IV (Atomic & Nuclear Physics) | 3 (0-3) |
| Semester 7 | | |
| PHY-601 | Quantum Mechanics-II | 3 (3-0) |
| ENG-601 | English for Employment | 3 (3 - 0) |
| PHY-603 | Nuclear Physics-II | 3 (3-0) |
| PHY-605 | Solid State Physics-I | 3 (3-0) |
| PHY-607 | Particle Physics-I* | 3 (3-0) |
| PHY-609 | Advanced Electronics* | 3 (3-0) |
| PHY-611 | Environmental Physics-I* | 3 (3-0) |
| PHY-613 | Health and Medical Physics-I* | 3 (3-0) |
| PHY-615 | Climatology and Metrology-I* | 3 (3-0) |
| PHY-617 | Lab Course-V (Electronics) | 3 (0-3) |
| Semester 8 | | |
| PHY-602 | Plasma Physics | 3 (3-0) |
| PHY-604 | Computational Physics | 3 (3-0) |
| PHY-606 | Solid State Physics-II | 3 (3-0) |
| PHY-608 | Laser and Optics | 3 (3-0) |
| PHY-610 | Statistical Mechanics | 3 (3-0) |
| PHY-612 | Particle Physics-II* | 3 (3-0) |
| PHY-614 | Advanced Electronics Lab Course* | 3 (0-3) |
| PHY-616 | Environmental Physics Lab Course* | 3 (0-3) |
| PHY-618 | Health and Medical Physics -II* | 3 (3-0) |
| PHY-620 | Climatology and Metrology-II* | 3 (3-0) |
| PHY-629 | Seminar (Research) | 1 (0-1) |
| PHY-630 | Thesis** | 6 (0-6) |
| PHY-631 | Project*** | 3 (0-3) |

Note:

* One optional subject to be chosen in 7th and 8th semester.

** Thesis will be allotted in the 7th semester. However, the credit hours for thesis will only count towards the 8th semesters.

*** Projects may be opted in lieu of option-II of the subject already taken by the student in 7th semester.

Internship will be offered to students during summer vacations as an optional activity.

MSc Physics

| Semester 1 | | |
|------------|--|---------|
| PHY-551 | Methods of Mathematical Physics-I | 3 (3-0) |
| PHY-553 | Classical Mechanics | 3 (3-0) |
| PHY-555 | Electrodynamics-I | 3 (3-0) |
| PHY-557 | Electronics-I | 3 (3-0) |
| PHY-559 | Relativity and Cosmology | 3 (3-0) |
| PHY-561 | Lab Course-I (Electromagnetism) | 3 (0-3) |
| Semester 2 | | |
| PHY-552 | Methods of Mathematical Physics-II | 3 (3-0) |
| PHY-554 | Quantum Mechanics-I | 3 (3-0) |
| PHY-556 | Nuclear Physics-I | 3 (3-0) |
| PHY-558 | Electrodynamics-II | 3 (3-0) |
| PHY-560 | Electronics-II | 3 (3-0) |
| PHY-562 | Lab Course-II (Atomic & Nuclear Physics) | 3 (0-3) |
| Semester 3 | | |
| PHY-651 | Quantum Mechanics-II | 3 (3-0) |
| PHY-653 | Nuclear Physics-II | 3 (3-0) |
| PHY-655 | Statistical Mechanics | 3 (3-0) |
| PHY-657 | Solid State Physics-I | 3 (3-0) |
| PHY-659 | Particle Physics-I* | 3 (3-0) |
| PHY-661 | Advanced Electronics* | 3 (3-0) |
| PHY-663 | Environmental Physics-I* | 3 (3-0) |
| PHY-665 | Health and Medical Physics-I* | 3 (3-0) |
| PHY-667 | Climatology and Metrology-I* | 3 (3-0) |
| PHY-669 | Lab Course-III (Electronics) | 3 (0-3) |
| Semester 4 | | |
| PHY-652 | Plasma Physics | 3 (3-0) |
| PHY-654 | Computational Physics | 3 (3-0) |
| PHY-656 | Solid State Physics-II | 3 (3-0) |
| PHY-658 | Laser and Optics | 3 (3-0) |

| | | |
|---------|-----------------------------------|---------|
| PHY-660 | Particle Physics-II* | 3 (3-0) |
| PHY-662 | Advanced Electronics Lab Course* | 3 (0-3) |
| PHY-664 | Environmental Physics Lab Course* | 3 (0-3) |
| PHY-666 | Health and Medical Physics -II* | 3 (3-0) |
| PHY-668 | Climatology and Metrology-II* | 3 (3-0) |
| PHY-679 | Seminar | 1 (0-1) |
| PHY-680 | Thesis*** | 6 (0-6) |
| PHY-681 | Project** | 3 (0-3) |

Note:

* One optional subject to be chosen in 3rd and 4th semester.

** Projects may be opted in lieu of option-II of the subject already taken by the student in 3rd semester.

*** Thesis will be allotted in the 3rd semester. However, the credit hours for thesis will only count towards the 4th semesters.

Internship will be offered to students during summer vacations as an optional activity.

MPhil/PhD Physics

| | | |
|----------|---------------------------------------|--------|
| *PHY-701 | Mathematical Techniques in Physics | 3(3-0) |
| *PHY-702 | Experimental Techniques in Physics | 3(3-0) |
| PHY-703 | Theory of Condensed Matter Physics | 3(3-0) |
| PHY-704 | Low Temperature(Cold) Plasmas | 3(3-0) |
| PHY-705 | Advanced Solid State Physics | 3(3-0) |
| PHY-706 | Standard Model of Particle Physics | 3(3-0) |
| PHY-707 | Quantum Field Theory | 3(3-0) |
| PHY-708 | Integrable Systems | 3(3-0) |
| PHY-709 | Semiconductor devices | 3(3-0) |
| PHY-710 | Advanced Quantum Mechanics | 3(3-0) |
| PHY-711 | Atmospheric and Environmental Physics | 3(3-0) |
| PHY-712 | Health and Medical Physics | 3(3-0) |
| PHY-713 | Electromagnetic Theory | 3(3-0) |
| PHY-714 | Atomic Spectroscopy | 3(3-0) |
| PHY-715 | Plasma Physics | 3(3-0) |
| PHY-716 | Thin Film Deposition Techniques | 3(3-0) |
| PHY-717 | Experimental Plasma Physics | 3(3-0) |
| PHY-718 | Materials Science | 3(3-0) |
| PHY-719 | Fundamentals of Nano-Science | 3(3-0) |
| PHY-720 | Magnetic Materials | 3(3-0) |
| PHY-721 | Laser Physics | 3(3-0) |

| | | |
|---------|--|--------|
| PHY-722 | Principles of advanced experimental techniques | 3(3-0) |
| PHY-723 | Atomic and optical physics | 3(3-0) |
| PHY-724 | Applied laser spectroscopy | 3(3-0) |
| PHY-725 | Advanced kinetic plasma theory | 3(3-0) |
| PHY-726 | Electromagnetic wave propagation | 3(3-0) |
| PHY-727 | Advanced Magnetic materials | 3(3-0) |
| PHY-731 | Plasma processing and technology | 3(3-0) |
| PHY-732 | Radiotherapy | 3(3-0) |
| PHY-733 | Treatment Planning and Advance Radiotherapy Techniques | 3(3-0) |
| PHY-734 | Bio-Photonics | 3(3-0) |
| PHY-735 | Tissue Optics | 3(3-0) |
| PHY-736 | Modeling and simulation techniques | 3(3-0) |
| PHY-737 | Advanced Modeling and simulation techniques | 3(3-0) |
| PHY-738 | Advanced medical Physics | 3(3-0) |
| PHY-739 | Semiconductors for power electronics | 3(3-0) |
| PHY-740 | Advanced concepts of semiconductor devices | 3(3-0) |
| PHY-741 | Physics of solar cells | 3(3-0) |
| PHY-742 | Advanced Materials Science | 3(3-0) |
| PHY-743 | Advanced Experimental Plasma Physics | 3(3-0) |
| PHY-744 | Synthesis of Inorganic nanomaterials | 3(3-0) |
| PHY-745 | Principles of Thermoelectricity | 3(3-0) |
| PHY-746 | Thermoelectric Materials | 3(3-0) |

Mandatory requirements for MPhil

| | | |
|---------|-------------------------|--------|
| STA-795 | Statistics for Research | 3(2-1) |
| PHY-728 | Seminar (General) | 1(0-1) |
| PHY-730 | Thesis | 6(0-6) |

Mandatory requirements for PhD

| | | |
|----------|-------------------------|--------|
| *STA-795 | Statistics for Research | 3(2-1) |
| PHY-758 | Seminar (General) | 1(0-1) |
| PHY-759 | Seminar (Research) | 1(0-1) |
| PHY-760 | Thesis | --- |

*PhD students who have not studied the course "Statistics for Research" in MPhil will have to take this course as audit course as mandatory requirement.

Seminar (General) will be enrolled in 1st Semester, Seminar (Research) will be enrolled in 2nd Semester.

Note:

The three courses PHY-701, PHY-702 and STA-795 are compulsory for MPhil degree program

The department will offer the courses keeping in view the availability of teachers and nature of research to be conducted.

The three courses PHY-701, PHY-702 and STA-799 are compulsory for MPhil degree program.

MS/MPhil Physics (Nanotechnology)

Semester 1st & 2nd

Four courses to be selected for each semester from the following

| | | |
|----------|--|--------|
| PHY-701 | Mathematical Techniques in Physics* | 3(3-0) |
| PHY-702 | Experimental Techniques in Physics* | 3(3-0) |
| PHN-701 | Introduction to Nanotechnology | 3(3-0) |
| PHN-702 | Simulation of Semiconductor Devices | 3(3-0) |
| PHN-703 | Fundamentals of Micro and Nano Fabrication | 3(3-0) |
| PHN-704 | Theoretical Design of Functional Nanomaterials | 3(3-0) |
| PHN-705 | Nanoscale Magnetic Materials and Applications | 3(3-0) |
| PHN-706 | Introduction to MEMS and NEMS | 3(3-0) |
| PHN-707 | Synthesis of Semiconductor Nanostructures | 3(3-0) |
| PHN-708 | Vacuum Science and Technology | 3(3-0) |
| PHN-709 | Nano Biophotonics | 3(3-0) |
| PHN-710 | Nitride Semiconductor Nano Devices | 3(3-0) |
| PHN-711 | Nanomaterials for Energy Applications | 3(3-0) |
| *STA-795 | Statistics for Research | 3(2-1) |
| PHN-728 | Seminar (General) | 1(0-1) |

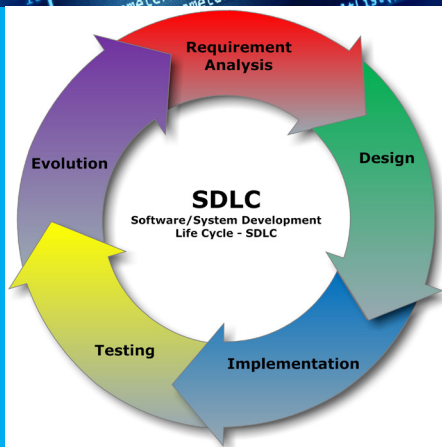
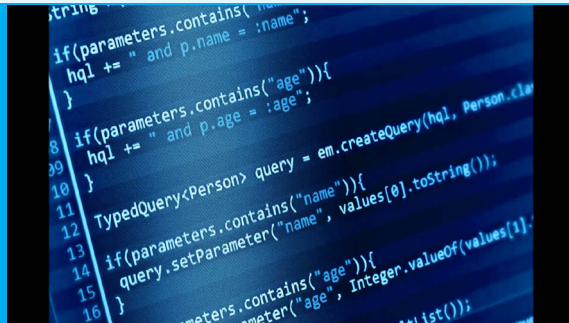
Semester 3rd & 4th

| | | |
|---------|--------|--------|
| PHN-730 | Thesis | 6(0-6) |
|---------|--------|--------|



Department of Software Engineering

Email: se@gcuf.edu.pk



Programs Offered

1. BS Software Engineering
2. MS Software Engineering

Incharge: **Dr. Muhammad Awais**



Vision

The advancement in the field of software engineering by producing research contributions of international standards. The solution to the real world problems with respect to software and automation. The recognition of the department at multiple levels due to its research and software development activities.

To educate the students to become research oriented software engineers that are confident and meet the international standards.

Mission

To produce worthy graduates in the various disciplines of software engineering and to train them to apply the knowledge and skills of software engineering in the design, development, documentation and maintenance of software.

Introduction

The department of software engineering provides excellent computing facilities and ensures the enhancement of practical knowledge of students. The department provides a comprehensive range of facilities necessary for computer use and library of programs and packages for solving scientific, engineering, commercial and social problems. The department is equipped with computer labs having Pentium machines. These laboratories are accessible to all the students and teachers and also linked through the state of the art network environment for retrieving information. The department now exists and excels in the newly created faculty of engineering.

Faculty

Dr. Muhammad Awais

Assistant Professor / Incharge
PhD Information Science (Robotics), Germany
HEC Approved PhD Supervisor

Mr. Muhammad Yahya Saeed

Lecturer
PhD (Scholar)

Dr. Khurram Zeeshan Haider

Lecturer
PhD

Mr. Usama Ahmad

Lecturer (on study leave)
PhD Scholar

Engr. Adeel Rifaat Mirza

Lecturer (on study Leave)
PhD Scholar

Mr. Nauman-ul-Haq

Lecturer
PhD Scholar

Mr. Zubair Nabi

Lab. Engineer
PhD Scholar

Scheme of Studies BS Software Engineering

| Semester 1 | | |
|------------|--|--------|
| CSI-301 | Programming Fundamentals | 4(3-1) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| ENG-321 | Functional English | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| MTH-323 | Calculus and Analytical Geometry | 3(3-0) |
| Semester 2 | | |
| CSI-302 | Object Oriented Programming | 4(3-1) |
| CSI-405 | Discrete Structures | 3(3-0) |
| ENG-322 | English Comprehensive & Composition | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| PHY-323 | Basic Electronics | 3(2-1) |
| MTH-424 | Linear Algebra | 3(3-0) |
| Semester 3 | | |
| CSI-401 | Data Structure and Algorithms | 4(3-1) |
| ELE-401 | Digital Logic Design | 4(3-1) |
| SWE-401 | Introduction to Software Engineering | 3(3-0) |
| ENG-422 | Technical Writing | 3(3-0) |
| STA-321 | Introduction to Statistical Theory | 3(3-0) |
| Semester 4 | | |
| SWE-402 | Object Oriented Software Design | 3(2-1) |
| CSI-402 | Operating Systems | 4(3-1) |
| CSI-503 | Database Systems | 4(3-1) |
| CSI-512 | Computer Networks | 4(3-1) |
| CSI-406 | Design and Analysis of Algorithms | 3(3-0) |
| Semester 5 | | |
| SWE-501 | Software Requirements Engineering | 3(2-1) |
| SWE-503 | Software Engineering Economics | 3(3-0) |
| SWE-505 | Software Quality Assurance | 3(3-0) |
| MGT-404 | Human Resource Management | 3(3-0) |
| SWE-507 | Human Computer Interaction | 3(3-0) |
| CSI-506 | Web Design and Development | 3(2-1) |

| Semester 6 | | |
|---------------------------|---|--------|
| SWE-502 | Professional Practices | 3(3-0) |
| SWE-504 | Software Design and Architecture | 3(2-1) |
| SWE-506 | Visual Programming | 3(2-1) |
| SOC-307 | Introduction to Sociology | 3(3-0) |
| CSI-508 | Artificial Intelligence | 4(3-1) |
| | Elective-I | 3(3-0) |
| Semester 7 | | |
| SWE-601 | Software Project Management | 3(3-0) |
| SWE-603 | Software Metrics | 3(2-1) |
| SWE-605 | Mathematical tools for Software Engineering | 3(2-1) |
| BBA-601 | Organizational Behavior | 3(3-0) |
| SWE- | Elective-II | 3(3-0) |
| SWE- | Elective-III | 3(3-0) |
| Semester 8 | | |
| SWE- | Elective-IV | 3(3-0) |
| SWE- | Elective-V | 3(3-0) |
| SWE-631 | Project | 6(0-6) |
| List of Elective Courses: | | |
| SWE-508 | Software Process Improvement | 3(3-0) |
| SWE-509 | Software Testing | 3(2-1) |
| SWE-602 | Information Systems and Data Processing | 3(2-1) |
| SWE-604 | Information System Audit | 3(3-0) |
| SWE-606 | Android Development | 3(2-1) |
| SWE-607 | Mobile Communication | 3(3-0) |
| SWE-608 | Digital Image Processing | 3(2-1) |
| SWE-609 | Data and Text Mining | 3(2-1) |
| SWE-610 | Advanced Object Oriented Programming | 3(2-1) |
| SWE-611 | Software Configuration Management | 3(2-1) |
| SWE-612 | Computer Aided Software Design and Architecture | 3(2-1) |

MS Software Engineering

| Core Courses | | |
|--------------|------------------------------|--------|
| SWE-701 | Requirements Engineering | 3(3-0) |
| SWE-702 | Software System Architecture | 3(3-0) |
| SWE-703 | Software System Quality | 3(3-0) |

| Elective Courses | | |
|-------------------------------|--|--------|
| SWE-704 | Software Reuse | 3(3-0) |
| SWE-705 | Machine Learning Applications in Software Engineering | 3(3-0) |
| SWE-706 | Software System Quality | 3(3-0) |
| SWE-707 | Semantic Web Enabled Software Engineering | 3(3-0) |
| SWE-708 | Business Process Re-Engineering | 3(3-0) |
| SWE-709 | Research Techniques and Methods for Software Engineering | 3(3-0) |
| SWE-710 | Formal Methods in Software Engineering | 3(3-0) |
| SWE-711 | Software Engineering Ontologies | 3(3-0) |
| SWE-712 | Semantic Based Software Development | 3(3-0) |
| SWE-713 | Model Driven Software Development | 3(3-0) |
| SWE-714 | Software Process Engineering | 3(3-0) |
| SWE-715 | Software Case Tools and Applications | 3(3-0) |
| SWE-716 | Advanced Web Engineering | 3(3-0) |
| SWE-717 | Software Engineering Management | 3(3-0) |
| SWE-718 | Software Risk Management | 3(3-0) |
| SWE-719 | Software Measurements and Metrics | 3(3-0) |
| SWE-720 | Global Software Engineering | 3(3-0) |
| SWE-721 | Advanced Software Configuration Management | 3(3-0) |
| SWE-722 | Knowledge Based Software Engineering | 3(3-0) |
| SWE-723 | Software Dependability | 3(3-0) |
| SWE-724 | Software Costing and Estimation | 3(3-0) |
| SWE-725 | Data and Text Mining-1 | 3(3-0) |
| SWE-726 | Data and Text Mining-2 | 3(3-0) |
| SWE-727 | Artificial Intelligence and Software Agents | 3(3-0) |
| SWE-731 | Image and Video Processing | 3(3-0) |
| SWE-732 | Advanced Machine Learning | 3(3-0) |
| SWE-733 | Advanced Digital Image Processing | 3(3-0) |
| Mandatory Requirements for MS | | |
| STA- 795 | Statistics for Research | 3(3-0) |
| SWE-728 | Seminar (Research) | 1(0-1) |
| SWE-730 | Thesis | 6(0-6) |

Department of Statistics

Phone: 041-9201461
Email: stat@gcuf.edu.pk



Vision

To disseminate quality education and produce quality research in different areas of Statistics and to produce highly skilled professional, scholars and researchers equipped with adequate knowledge of statistics to meet the contemporary and future challenges.

- To contribute to the advancement of science and technology through interdisciplinary research, jointly with scientists at the Government College University, Faisalabad and at other research institutions and develop a research culture in society in general.

Mission

The mission of the Department of Statistics is to contribute to the overall objectives of the Government College University, Faisalabad and the Affiliated Colleges, Science, and the Arts through excellence in research and education in the Statistical Sciences and through service to the university community, statistical profession, and society at large.

The proliferation of quantitative information in society demands that we help to develop the next generation of statistics professionals while increasing the statistical literacy of our students and the frequency of collaboration with our colleagues. To meet these objectives, the mission of the Statistics Department is to:

- Deliver a high-quality statistics program for our majors and minors that prepares them for either the workplace or further study in graduate programs;
- Offer service courses for the university that meet the needs of the various majors and enhance the statistical literacy of the students;
- Support continued growth of Statistics faculty members as teacher-scholars. To contribute to the theoretical and applied development of the field through scholarly research in core areas of statistical theory and probability and publications in leading professional journals.
- To contribute to the development of new statistical methodology to address substantive problems and to promote the use of these methods through publications in both statistics and subject-matter journals.

Introduction

Statistical methods and the application of probability theory are essential to the understanding of data and underlying processes in a very wide variety of fields, including health sciences, economics and finance, social science, government, engineering, biological and physical sciences.

In Government College, Faisalabad the Department of Statistics was established in 1960. Initially intermediate and degree classes were started. In October, 2002 the college was upgraded to University and a 2 year Master degree program was launched in September, 2003. BS (Hons.) a 4 year degree program was launched in September, 2005; the Department took the initiative of launching the MPhil (Statistics) program in 2012. Currently 250 students are enrolled in different programs being offered by the Department of Statistics.

Statistical computations contribute as a major player to meet the demand of the students and requirements of extended research activities in the graduate and post graduate courses. Statistics is considerably more applied and vocational than many other courses. It aims to produce students who can immediately work as applied statisticians. Whereas all theoretical concepts are covered, the emphasis throughout is on applying and adapting it to real-life circumstances. The analysis of real data sets constitutes the core of the courses and pivotal role of the computer as a powerful tool in modern statistics is constantly emphasized throughout the programs being offered. Weekly assignments/practical work makes extensive use of standard statistical packages including Minitab, SPSS, EViews, R, Mathematica, Design Expert etc.

The graduated students are employed in reputable Public and



Programs Offered

- BS Statistics
- MSc Statistics
- MPhil Statistics

Chairman: **Dr. Faisal Maqbool Zahid**

private sector organizations like Federal and Provincial Bureaus of Statistics, National Universities, State Bank of Pakistan, Pharmaceutical Industries, Government offices, Commercial Banks, and many other firms and organizations.

Faculty

Dr. Faisal Maqbool Zahid

Chairman / Associate professor
PhD (Germany), Postdoc (Germany)
Specialization: Categorical Data Analysis, High-dimensional data, Biostatistics, Missing Data

Dr. Tanvir Ahmad

Assistant professor
PhD (IUB, Pakistan), Post-Doc.(UK),
Specialization: Design of Experiments

Dr. Sajjad Haider Bhatti

Assistant professor
PhD (France)
Specialization: Applied Statistics and Econometrics

Dr. Muhammd Abid

Assistant Professor
PhD (China)
Specialization: Statistical Process Control, Survey Sampling, Non- parametric

Dr. Hafiz Muhammad Tahir

Assistant Professor
PhD (QAU, Pakistan)
Specialization: Bayesian Statistics and Mixture Distributions

Dr. Shahla Faisal

Assistant Professor
PhD (Germany)
Specialization: Biostatistics, Design and Analysis of Experiments, Missing Data

Mr. Muhammad Ali Raza

Assistant professor (On Study Leave)
MPhil (PU, Pakistan)
Specialization: Statistical Process Control

Mr. Muhammad Irfan

Lecturer (On Study Leave)
MPhil (UAF, Pakistan)
Specialization: Sampling Theory

Ms. Maria Javed

Lecturer (On Study Leave)
M. Phil.(GCUF, Pakistan)
Specialization: Probability Distributions and Operations Research

Mr. Muhammad Aftab

Lecturer
MPhil (UAF, Pakistan)
Specialization: Applied Statistics

Mr. Tahir Nawaz

Lecturer (On Study Leave)
MPhil (GCUL, Pakistan)
Distribution Theory, Statistical Quality Control

Ms. Asifa Anwar

Lecturer

Mr. Muhammad Abu Bakar

Lecturer
MPhil (UAF, Pakistan)
Specialization: Time series models

Scheme of Studies BS Statistics

| Semester 1 | | |
|------------|---|--------|
| STA-301 | Introduction to Statistics | 4(3-1) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| MTH-321 | Algebra and Trigonometry | 3(3-0) |
| ENG-321 | Functional English | 3(3-0) |
| ISL-321 | Islamic Studies | 2(2-0) |
| ISL-322 | Ethics (For Non-Muslim only) | 2(2-0) |
| Semester 2 | | |
| STA-302 | Introduction to Probability Distributions | 4(3-1) |
| MTH-322 | Introduction to Calculus | 3(3-0) |
| PST-321 | Pakistan Studies | 2(2-0) |
| STA-304 | Applied Statistics | 4(3-1) |

| ENG-322 | English Comprehensive & Composition | 3(3-0) |
|------------|---|--------|
| Semester 3 | | |
| STA-401 | Basic Statistical Inference | 4(3-1) |
| CSI-301 | Programming Fundamentals | 3(2-1) |
| MTH-433 | Mathematical Methods & Vector Analysis | 3(3-0) |
| ECO-321 | Introductory Economics | 4(4-0) |
| STA-403 | Statistics and Society | 3(3-0) |
| Semester 4 | | |
| STA-402 | Introduction to Regression analysis, ANOVA and ANCOVA | 4(3-1) |
| ECO-408 | Issues in Pakistan Economy | 3(3-0) |
| STA-406 | Statistical Software | 3(0-3) |
| MTH-436 | Linear Programming | 3(3-0) |
| ENG-421 | Communication Skills | 3(3-0) |
| Semester 5 | | |
| STA-501 | Probability and Probability Distributions-I | 3(3-0) |
| STA-503 | Sampling Techniques-I | 3(3-0) |
| CSI-509 | Introduction to Database Systems | 3(1-2) |
| STA-505 | Statistical Methods | 4(4-0) |
| STA-507 | Operational Research | 3(3-0) |
| Semester 6 | | |
| STA-502 | Probability and Probability Distribution-II | 3(3-0) |
| STA-504 | Sampling Techniques-II | 3(3-0) |
| STA-506 | Design and Analysis of Experiments-I | 4(4-0) |
| STA-508 | Population Studies | 2(2-0) |
| STA-510 | Statistical Quality Control | 3(3-0) |
| STA-512 | Survey Research Methods | 3(3-0) |
| Semester 7 | | |
| STA-601 | Econometrics-I | 4(4-0) |
| STA-603 | Design and Analysis of Experiments-II | 4(4-0) |
| STA-605 | Multivariate Analysis-I | 3(3-0) |
| STA-607 | Statistical Inference-I | 3(3-0) |
| STA-611 | Statistical Computing-I | 3(0-3) |
| STA-629 | Seminar | 1(0-1) |
| Semester 8 | | |
| STA-602 | Econometrics-II | 4(4-0) |
| STA-604 | Statistical Computing-II | 3(0-3) |
| STA-606 | Multivariate Analysis-II | 3(3-0) |

| | | |
|----------------------------------|--|--------|
| STA-608 | Statistical Inference-II | 3(3-0) |
| Any One of The Following Courses | | |
| STA-612 | Analysis of Time Series and Forecasting Categorical Data Analysis Survival Data Analysis Non Parametric Methods | 4(4-0) |
| STA-614 | | 4(4-0) |
| STA-616 | | 4(4-0) |
| STA-618 | | 4(4-0) |
| or | | |
| STA-620 | Research Report | 4(0-4) |

MSc Statistics

| Semester 1 | | |
|----------------------------------|--|--------|
| STA-551 | Probability and Probability Distributions-I | 3(3-0) |
| STA-553 | Sampling Techniques-I | 3(3-0) |
| CSI-321 | Introduction to Computing Applications | 3(2-1) |
| STA-555 | Statistical Methods | 4(4-0) |
| STA-557 | Operational Research | 3(3-0) |
| Semester 2 | | |
| STA-552 | Probability and Probability Distributions-II | 3(3-0) |
| STA-554 | Sampling Techniques-II | 3(3-0) |
| STA-556 | Design and Analysis of Experiments-I | 4(4-0) |
| STA-558 | Population Studies | 2(2-0) |
| STA-560 | Statistical Quality Control | 3(3-0) |
| STA-562 | Survey Research Methods | 3(3-0) |
| Semester 3 | | |
| STA-651 | Econometrics-I | 4(4-0) |
| STA-653 | Design and Analysis of Experiments-II | 4(4-0) |
| STA-655 | Multivariate Analysis-I | 3(3-0) |
| STA-657 | Statistical Inference-I | 3(3-0) |
| STA-661 | Statistical Computing-I | 3(0-3) |
| STA-629 | Seminar | 1(0-1) |
| Semester 4 | | |
| STA-652 | Econometrics-II | 4(4-0) |
| STA-654 | Statistical Computing-II | 3(0-3) |
| STA-656 | Multivariate Analysis-II | 3(3-0) |
| STA-658 | Statistical Inference-II | 3(3-0) |
| Any One of The Following Courses | | |

| | | |
|---------|--|--------|
| STA-662 | Analysis of Time Series and Forecasting Categorical Data Analysis Survival Data Analysis Non Parametric Methods | 4(4-0) |
| STA-664 | | 4(4-0) |
| STA-666 | | 4(4-0) |
| STA-668 | | 4(4-0) |
| or | | |
| STA-670 | Research Report | 4(0-4) |

MPhil Statistics

| STA-701 | Advanced Sampling Techniques | 3(3-0) |
|----------------------------------|---|--------|
| STA-702 | Multivariate Analysis | 3(3-0) |
| STA-703 | Probability Distributions | 3(3-0) |
| STA-704 | Advanced Design of Experiments | 3(3-0) |
| STA-705 | Linear Models and Regression Analysis | 3(3-0) |
| STA-706 | Research Methods | 3(3-0) |
| STA-707 | Optimization Techniques | 3(3-0) |
| STA-708 | Bayesian Analysis | 3(3-0) |
| STA-709 | Advanced Econometric Analysis | 3(3-0) |
| STA-710 | Generalized Linear Models | 3(3-0) |
| STA-711 | Advanced Probability Theory | 3(3-0) |
| STA-712 | Statistical Inference | 3(3-0) |
| STA-713 | Categorical Data Analysis | 3(3-0) |
| STA-714 | Survival Data Analysis | 3(3-0) |
| STA-715 | Time Series and Forecasting | 3(3-0) |
| STA-507 | Biostatistics | 3(3-0) |
| STA-717 | Population Analysis and Official Statistics | 3(3-0) |
| STA-718 | Advanced Response Surface Methodology | 3(3-0) |
| STA-719 | Applied Stochastic Models | 3(3-0) |
| STA-720 | Bayesian Decision Theory | 3(3-0) |
| STA-721 | Mixture Distributions | 3(3-0) |
| STA-722 | Advanced Statistical Computing | 3(3-0) |
| STA-723 | Non-Parametric and Robust Methods | 3(3-0) |
| STA-724 | Advanced Statistical Process Control | 3(3-0) |
| Mandatory Requirements for MPhil | | |
| STA-728 | Seminar (General) | 1(0-1) |
| STA-729 | Seminar (Research) | 1(0-1) |
| STA-730 | Thesis | 6(0-6) |





University Community College



Programs Offered

The following Intermediate, Associate Degree and Diploma Programs are offered from the Academic Year 2018.

Intermediate Programs

1- F.Sc (Pre-Medical)

Part-I: English, Urdu, Islamic Education, Physics, Chemistry, Biology

Part-II: English, Urdu, Pak. Studies, Physics, Chemistry, Biology

2- F.Sc (Pre-Engineering)

Part-I: English, Urdu, Islamic Education, Physics, Chemistry, Mathematics

Part-II: English, Urdu, Pak. Studies, Physics, Chemistry, Mathematics

3- I.Com

Part-I: English, Urdu, Islamic Education, Business Mathematics, Principles of Accounting, Economics, Principles of Commerce

Part-II: English, Urdu, Pak. Studies, Business Statistics, Principles of Accounting, Banking, Commercial Geography

Associate Degree Programs (Evening)

1. Computer Science
2. Information Technology
3. Accounting & Finance
4. Banking & Finance
5. Business Administration
6. Applied Psychology
7. B.Com IT

Diploma Program

1. Advance Diploma in Clinical Psychology

Prospectus Committee



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Convener

Dean Faculty of Physical Sciences

Prof. Dr. Farhat Abbas
Dean Faculty of Engineering

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Prof. Dr. Hazoor Muhammad Sabir
Dean Faculty of Economics & Management Sciences
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Chairperson Department of Economics

Member

Prof. Dr. Tayyaba Sultana
Department of Zoology

Member

Dr. Zahira Batool
Chairperson Department of Sociology

Member

Dr. Salma Sultana
Director Academics

Member

Dr. Ghulam Shamas Ur Rehman
Director Advanced Studies

Member

Dr. Zahid Mehmood
Director Undergraduate Studies

Member

Dr. Babak Mehmood
Director, DDL

Member

Dr. Muhammad Hidayat Rasool
Chairperson Department of Microbiology

Member

Ms. Tehmina Afzal
Institute of Arts & Design

Member

Dr. Abdul Qadir Mustaq
Department of History & Pakistan

Member

Dr. Sharjeel Saleem
Assistant Professor Department LBS

Member

Mr. Hassan Mahmood
Computer Programmer

Member

Mr. Abdul Qaddus
IT Manager

Member

Mr. Muhammad Usman
Computer Programmer

Member

Mr. Muhammad Asif Lateef
Additional Registrar (Academics)

Member/Secretary

Mr. Naeem Sarwar Khan
(Photographer)

A magnifying glass with a black handle and a silver rim is positioned over the word "Disclaimer". The lens of the magnifying glass is focused on the first few letters "Dis", making them appear significantly larger than the rest of the word. The word "Disclaimer" is written in a large, bold, black, sans-serif font. The background is plain white.

Disclaimer

This prospectus provides information about the academic programs of various faculties of Government College University Faisalabad and should not be taken as binding on the University. Information contained in it, including curriculae, admission procedures, rules of examination, regulations of discipline and fee and dues are periodically reviewed and revised by the Competent Authority. The University reserves the right to change any rules, regulations and financial effects applicable to the students whenever and where ever it is deemed appropriate or necessary.