

Ghazi University, Dera Ghazi Khan PROSPECTUS

BS/MS/M.Phil./Ph.D. Programs

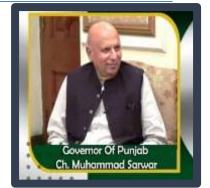
2021-22

Executive Body of the University

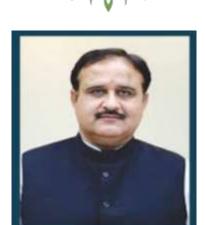
CHANCELLOR OF UNIVERSITY:

HONORABLE GOVERNOR OF THE PUNJAB

CHAUDHRY MUHAMMAD SARWAR







HONORABLE CHIEF MINISTER OF THE PUNJAB

SARDAR USMAN AHMAD KHAN BUZDAR



HONORABLE MINISTER OF HIGHER EDUCATION PUNJAB

PRO CHANCELLOR OF UNIVERSITY

RAJA YASIR HUMAYON SARFRAZ









Message from office of the Vice Chancellor

VICE CHANCELLOR OF UNIVERSITY:

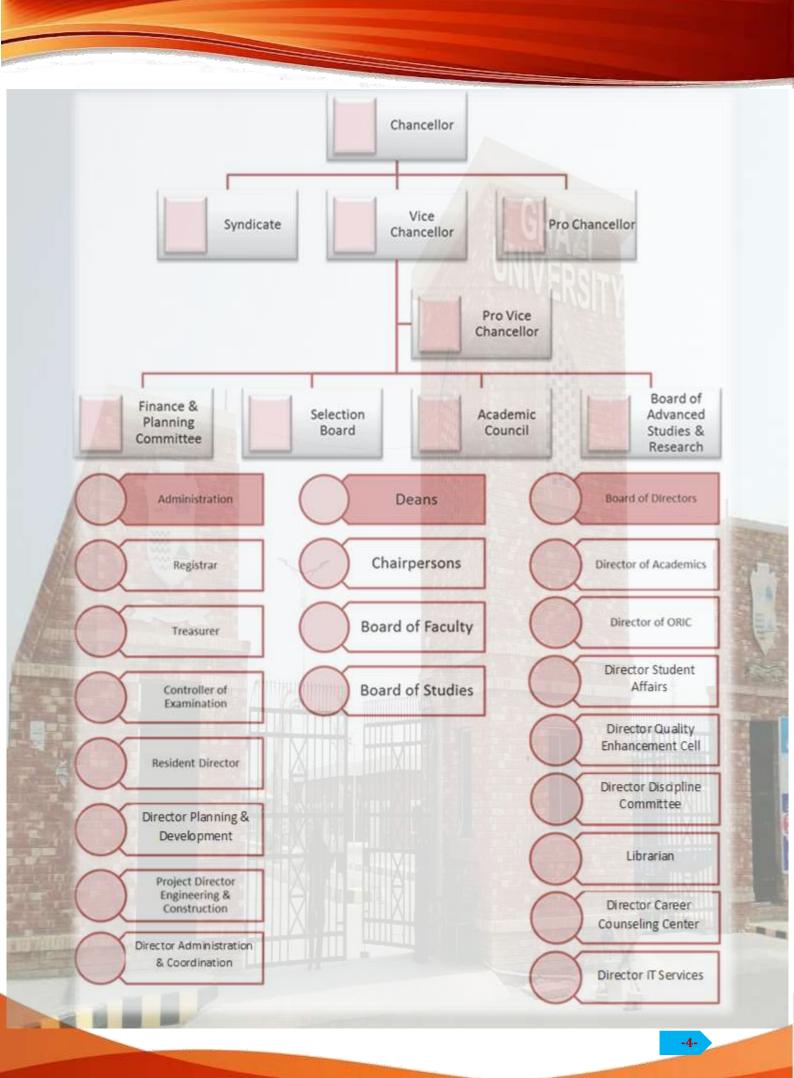
PROF. DR. MUHAMMAD TUFAIL (T.I.)

Message!



I extend my heartiest welcome to all the students, who after an intense competition, have become the part of this prestigious institution Ghazi University. I believe Ghazi University is a great blessing being the only institution of higher education in this region for the people of Dera Ghazi Khan and the adjacent areas. The very existence of this institution has provided the people of Southern Punjab the opportunity and access to the modern scientific knowledge which will enable them to cope with the challenges posed by the modern world. Ghazi University Dera Ghazi Khan is in its infancy and its administration and faculty is striving hard to take it to the zenith of glory and excellence. We aspire for a real change, indeed the quality that can be achieved by incorporating quality and excellence in all fields of learning, teaching, research and innovation for quality life. Teaching and research are the two pillars that sustain the edifice of a university and provide the indicators through which the ranking of an institution is determined. The university administration is striving hard to improve the standard of teaching and research activities according to the global needs. As such, we have a resolve to enhance the excellence, encourage innovations and knowledge and to improve resources and competencies of the faculty/scientists, students as well as the University to solve the emerging issues and challenges





and the state

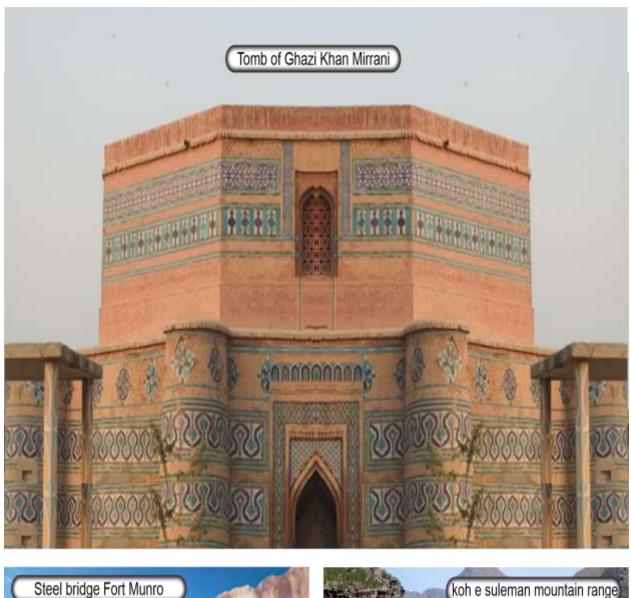






TABLE OF CONTENTS

CONTENT	PAGE NUMBER
Executive Body of The University	
Message from the Office of the Vice Chancellor	
Flowchart of The University Management	
Archeological sites with Pictorial View of Dera Ghazi Khan	
Ghazi University, Dera Ghazi Khan	
Introduction	-08-
Vision	-08-
Mission	-08-
Our Values	-08-
Governance	-08-
ADMINISTRATION SECRETARIAT	
Vice Chancellor Secretariat	-09-
Office of the Registrar	-09-
Treasurer Office	-10-
Office of the Controller of Examination	-10-
Director of Academics	-11-
Quality Enhancement Cell (QEC)	-11-
Office of Research Innovation & Commercialization-(ORIC)	-11-
Student Affair Office	-12-
Office of the Project Director	-12-
Director Information Technology	-12-
Program of Study/ Offered Programs for Year of 2021-22	-13-
FACULTIES AND DEPARTMENTS	
Faculty of Sciences	-16-
Department of Botany	16-
Department of Chemistry	-20-
Department of Computer Science and IT	-25-
Department of Mathematics	-29-
Department of Physics	-34-
Department of Statistics	-38-
Department of Zoology	-42-
Faculty of Managements and Social Sciences	-48-
Department of Business Administration	-49-
Department of Economics	-55-
Department of Education	-59-
Department of Sociology	-62-

Foundary of Assta	
Faculty of Arts	-66-
Department of English	-67-
Department of History & Political Science	-71-
Department of Islamic Studies	-78-
Department of Urdu	-82-
Faculty of Agricultural Sciences	-85-
Department of Agronomy	-86-
Department of Horticulture	-90-
Department of Plant Breeding and Genetics	-93-
Department of Plant Protection	-96-
Department of Soil and Environmental Sciences	-102-
Department of Forestry	-107-
RESEARCH AND DEVELOPMENT	
Research Journals	-114-
Ghazi University of Botanical Society-(GUBS)	-115-
CAMPUS FACILITIES	
Library	-116-
Computer Laboratory	-116-
Lecture Hall/ Auditorium	-116-
Student Transport	-116-
Medical Facilities for Faculty and Students	-116-
Academic Counseling	-117-
Student's attendance Record	-117-
Financial Support to Students	-117-
Greenhouse, Experimental Area	-117-
Mosque, Central Canteen/Cafeteria	-117-
Co-Curricular Activities	-118-
FEE STRUCTURE	
Fee Structure Breakup	-120-
BS Fee Structure Academic Session 2020-2021 and onward (Morning Program)	-120-
BS Fee structure	-120-
M.Sc. Fee structure (Evening Program)	-121-
MS/M.Phil. Fee structure (Evening Program)	-121-
Fee structure Academic Session 2020 - 2021 & Onward	-122-
First Degree Program Regulations	-123-
Students (Discipline and Conduct) Regulations	-137-
Use of Library Regulations	-143-
Hostel Rules and Regulations	-143-
חטפונו העובס מווע הבצעומנוטווס	-140-

and the second se

GHAZI UNIVERSITY, DERA GHAZI KHAN

Introduction

It was established by the Government of the Punjab by promulgation of constitutional enactment in 2012 but became functional as a full-fledged University on 11.06-2014. The Ghazi University, Dera Ghazi Khan is the gateway to education in the Southern Punjab. Ghazi University came into being with the promulgation of the Ghazi University Dera Ghazi Khan. It was established by the Government of the Punjab by promulgation of constitutional enactment in 2012 but became functional as a full-fledged University on 11-06-2014 located in a developing region of a developing country, the University has a challenging frame of reference for its functioning. South Punjab is passing through a process of rapid socio-economic development and needs well qualified and competent scientists, professionals, academicians and administrators. The University is cognizant of this need and prepared to provide meaningful higher education to the youth of the Southern Punjab. The University is committed to develop and sustain an environment conducive to excellence in teaching, learning, research and spread of knowledge. In keeping with the priorities of higher education, the university offers its resources and talent for enrichment and enhancement of quality of life standard through its programs of research and innovations. The University offers graduate, postgraduate, doctoral and advanced programs of studies in the fields of Agricultural Sciences, Arts, Social and Natural Sciences to the people in the backward districts of D.G. Khan, Lavyah, Muzaffargarh and Rajanpur. Besides, University faculty and students organize and conduct community services for the wellbeing of the people, provide leadership in all walks of life, develop potential of the students, channelize energies of the youth and strive for reducing the social and cultural differences through knowledge.

Vision

To be a model public University providing affordable, quality, higher education opportunities to develop the potentially rich human resource in Punjab-Pakistan through knowledge-centered teaching and research while maintaining and fostering a high level of ethical and professional standards and promoting national identity.

Mission

Functioning as a student-centric institution dedicated to academic excellence, tolerance and fairness. Maintaining and fostering highest ethical and professional values while teaching students to seek knowledge analytically, be creative, communicate effectively and become technologically literate to meet the emerging needs of our society within the global village. Ensuring and supporting faculty and staff to continue their professional and intellectual development

Our Values

- ✓ Integrity
- ✓ Creativity
- ✓ Teamwork
- ✓ Excellence
- ✓ Responsibility (to all Stakeholders)

Governance

- The Governor of Punjab is the Chancellor of the University. The University Senate chaired by the Chancellor, is' the Supreme Governing/ Legislative Body of the University.
- The Vice Chancellor is the Chief Executive of the University. He chairs the Syndicate, the Executive Body of the University, and all other statutory bodies.

Administration Secretariate

Vice Chancellor Secretariat

PROF. DR. MUHAMMAD TUFAIL (T.I) Vice Chancellor

Email: vc@gudgk.edu.pk

The Vice Chancellor Secretariat and university administration is striving hard to improve the standard of teaching and research activities according to the global needs. As such, we have a resolve to enhance the excellence, encourage innovations and knowledge and to improve resources and competencies of the faculty/scientists, students as well as the University to solve the emerging issues and challenges.

Staff Members:

MR. SHUAIB RAZA Additional Director Administration & Coordination MR. MEHBOOB HUSSAIN

Office of the Registrar

DR. ALLAH BAKSH GULSHAN Registrar

Email: registrar@gudgk.edu.pk

The Office of the Registrar of Ghazi University is committed to render state of the art studentfocused services through its highly professional and caring staff as per parameters set by the University. The Office of the Registrar shall make consistent efforts in continually improving and technologically upgrading the services, motivating the personnel toward collaboration and creativity as well as personal and professional growth. Courtesy and respect will be the hallmark of the office and it shall hold the students and employees of the University in high esteem. It will remain target oriented, consistent and will uphold a reputation of accuracy, timelines, and consistency of service. The Office of the Registrar of Ghazi University is committed to render state of the art student-focused services through its highly professional and caring staff as per parameters set by the University. The Office of the Registrar shall make consistent efforts in continually improving and technologically upgrading the services, motivating the personnel toward collaboration and creativity as well as personal and professional growth. Courtesy and respect will be the hallmark of the office and it shall hold the students and employees of the University in high esteem. It will remain target oriented, consistent and will uphold a reputation of accuracy, timelines, and consistency of service.

Staff Members:

DR. MUHAMMAD ASIF Deputy Registrar Establishment MR. IMRAN HAIDER Assistant Registrar (VC) MRS. RIFFAT JABEEN Assistant Registrar (General)







Treasurer



Staff Members:

MR. AHMAD KALEEM Assistant Treasure MR. MUHAMMAD IQBAL Admin Officer MR. YOUSEF BHUTTA Data entry operator MR. ATIF AZIZ Assistant MR. WILAIT ALI Junior Clerk MR. MUHAMMAD JAWAD MR. RAB NAWAAZ

Office of the Controller of Examinations





DR. M. MUDASSAR MAQBOOL Controller of Examination

Email: coe@gudgk.edu.pk

The office of Controller of Examinations is offering transparent and reliable examination system for the students at University, The Examination division of the University works under the supervision of the Controller of Examination's. This office is an integral component of the University administration. Primarily, Office of the Controller of Examinations is established for the conduct of examinations, result notifications, issuance of detail marks certificate (DMC), Transcripts and award of degrees.

Staff Members:

DR. RANA ARIF HUSAIN Deputy Controller MR. UMER FAROOQ QURASHI In-charge, Undergraduate Program MR. MUHAMMAD SHAFIQ In-charge, Postgraduate Program MR. QASIR ABBAS Stenographer MR. MUHAMMAD JAMIL Assistant Network MR. MUHAMMAD SALMAN IT Support



Director of Academics

PROF. DR. SAADULLAH KHAN LEGHARI Director

Email: dacad@gudgk.edu.pk



Office of the Director Academics falls under the Office of the Vice Chancellor and is the first place to go if there is any question regarding anything to do with academics. Office of the Director Academics plays a central role in formulating Academic Rules and Regulations for the University. Director Academics addresses all issues relevant to quality of learning in all Faculties in collaboration with Deans and Chair Departments. This shall include matters relating to curricula, teaching methodologies and evaluation of teachers and students. This office suggests and helps implement programs that encourage critical thinking and enhances academic and research activities. Director Academics works as secretary of the Academic Council of the University, which involves preparing agenda in collaboration with the Deans & Chairs of the Departments, holding meetings, recording decisions and disseminating the same among all concerned for implementation. The office seeks approval / NOC from HEC before starting new program at GU.

Staff Members:

DR. HASNAIN FAROOQ Deputy Director

Quality Enhancement Cell (QEC)



DR. ANSER ALI *Director* Email: qec@gudgk.edu.pk

Quality Control and Assurance has been a popular and practical term in global commercial setup. In education sector, developed countries have been taken measurable steps for quality development and assurance. Keeping this fact in view, Higher Education Commission, Islamabad, Pakistan established Quality Assurance Agency (QAA) and emphasized on establishing Quality Enhancement Cells (QECs) in the public and private sector degree awarding institutions (DAIs). QECs are responsible for all functions at the universities for implementation of quality assurance / enhancement policies and improvement in all the discipline/programs. QEC consists of professionals and is directly headed by the Vice Chancellor. Realizing and understanding the importance of Quality Assurance, Ghazi University has established its Quality Enhancement Cell on 18th November 2015 for implementation of the quality improvement programs under the supervision and guidelines of the Higher Education Commission and Quality Assurance Agency (QAA) of HEC Islamabad.



Office of Research Innovation & Commercialization (ORIC)

DR. MUHAMMAD ALI TARAR, *Director* Email: oric@gudgk.edu.pk

Student Affairs Office

DR. MUHAMMAD IBRAHIM, Director

Email: dsa@gudgk.edu.pk



The Directorate of Students' Affairs is a bridge between administration and student community. This office has its target to offer diversified services, programs to support and encourage the students' trough involvement in positive activities which will definitely play a vital role in student's building. The Directorate of Students' Affairs provides all necessary arrangements to students starting from first day to the last day at Campus. This Directorate also encourages and endorses positive activities among students. It provides them different clubs for the development of their literary and artistic capabilities. The activities of said forums are regulated and monitored through different teaching faculty under the supervision of Director Students' Affairs. The purpose of such positive activities is to change their attitude and moral values ensuring a future nation with quality life.

Staff Members:

DR. SOHAIL AKHTAR *Deputy Director* DR. MUHAMMAD AMJAD BASHIR *Deputy Director* DR. TAHIRA BATOOL QAISRANI *Deputy Director* MR. IMRAN ANWAR *Data entry operator*

Office of the Project Director

DR. JAVAID IQBAL Project Director Email: pd@gudgk.edu.pk

Staff Members:

MR. MIRZA DARA SHIKOH Director (P&D) MR. MUNAWAR ABBAS AD (Finance/Accountant) MR. SIBTAIN HAIDER Sub-Engineer MR. MUHAMMAD KAMRAN Assistant

Director Information Technology (IT)

Mr. Yasir Bhutta Deputy Director

Email: myasir@gudgk.edu.pk

Information Technology is a vital component of the university's operations. It plays a vital role in the institution's continuous growth and development. The goal of Ghazi University IT center is to provide high-quality information technology solutions that meet the needs of each individual student and faculty member.

Staff Members:

MR. MR. AHSAN IQBAL Database Administrator MR. SHERAZ SALEEM Programmer MR. MUHAMMAD AAMIR Assistant Network MR. DANIAL JAMIL IT Support MR. MUHAMMAD HASSAM Video Conference Engineer







-12-

Programs of Study

Offered Programs for Year of 2021-22

Undergraduate Programs				
BS Botany	BS Chemistry	BS Economics		
BS English	BS Environmental Science	BS Food Science & Technology		
BS History	BS Islamic Studies	BS-IT		
BS Mathematics	BS Pakistan Studies	BS Physics		
BS Political Science	BS Sociology	BS Statistics		
BS Urdu	BS Zoology	BBA (Hons.) and BBA (2 Years)		
B.Ed. (Hons.) Elementary and	B.Sc. (Hons) Agriculture			
B.Ed. (1.5 Years)				
	Graduate Programs			
M. Sc. (Hons) Agri Entomology	M.Sc. (Hons) Agronomy	M.Sc. (Hons) Horticulture		
M.Sc. (Hons) Plant Breeding &	MSc. (Hons.) Plant Pathology	M.Sc. (Hons) Soil Science		
Genetics				
	MS/M.Phil. Programs			
M.Phil. Botany	M.Phil. English (Linguistics)	M.Phil. Economics		
M.Phil. Zoology	MS BA (Business			
	Administration)			
Ph.D. Programs				
PhD Agri Entomology	PhD Agronomy			
AZI UNIVERSITY				



Faculties & Departments

-

MANANILL



FACULTY OF SCIENCE







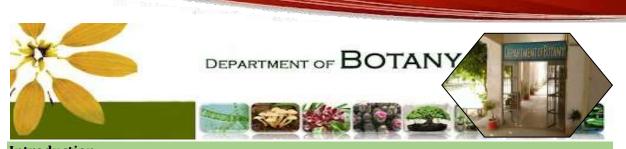


Departments

Botany

- Chemistry
- Computer Science & IT
- Mathematics
- Physics
- Statistics
- Zoology

-15-



Introduction:

The Department of Botany, Ghazi University of the Punjab stretches back over four decades. It was established in 1964. Prof. Haq Nawaz Khan headed the Department of Botany. In 1973, the graduate (B.Sc. Program) has been launched. The program of Master has been started in 1995. In the past four decades, the Department has developed a very elaborate program of teaching and research for BS, M.Sc., MPhil., and now Ph.D. Degrees is going to be initiate very soon.

At present, the Department of Botany is offering BS (4 Years) and M.Phil. programs. Under and Post-graduate classes are being taken both in morning and evening programs. Total 472 students (Boys=203, Girls=269) with gender ratio of 75.46 are enrolled in both morning and evening programs. The graduate of this department is ranked amongst the best of in South Punjab. The Department has dedicated and hardworking faculty comprising of 6 permanent and 4 visiting teachers. Out of them 5 are Ph.D. and 5 are M.Phil. Faculty members have broad range of expertise from almost all fields of plant sciences. All faculty members are highly motivated and actively involved in academic and research activities. An extensive scheme of studies has been developed for post graduate degree program in the field of Botany including all major aspects such as ecology, genetics, physiology, taxonomy, anatomy, molecular biology of plants and biochemistry. These courses are taught by faculty who enjoy teaching and have a commitment to education. Besides teaching, faculty members also ensure students participation in laboratory exercises, practical as well as field tour. In conclusion students have a better knowledge of flora of South Punjab i.e., identification, uses and applications. Department of Botany prepares students for careers in industry, government agencies and teaching jobs.

Objectives:

The basic mission of the Department is provision of quality education with the aim of producing trained and skilled human resources in various fields of Plant Sciences through formal teaching, research and outreach activities. Program objectives intend to impart not only theoretical information to students but moral and ethical information as well.

- 1. To build up the Department on modern lines for education and training level
- 2. To impart basic knowledge and scientific skills in the field of plant sciences
- 3. To train the students for Integration of multidimensional innovation
- 4. Anticipation of new teaching/researchable areas

Job Opportunities:

The future prospects of choosing Botany are highly multifarious. Whether at basic or applied level, the study of plants stands central amongst several disciplines. Knowing about plants is fundamental to keeping a sustainable biosphere, as well as, securing well-being of mankind on long term basis. Getting knowledge and doing research on plants' visual appearance, growth, evolution, breeding, utilization, and environmental interactions is highly important. Studying Botany can help one excel in the basic disciplines such as, Anatomy, Biochemistry, Biophysics, Bryology, Cytology, Ecology, Genetics, Lichenology, Molecular Biology, Microbiology, Morphology, Mycology, Paleobotany, Pteridology, Phycology, Physiology, Systematics, Systems Ecology and Taxonomy. The Botany graduates can excel in disciplines related to Applied Plant Sciences such as, Phytotechnology, Agricultural Sciences, Agronomy, Biodiversity Conservation, Biotechnology, Breeding, Economic Botany, Environmental Sciences, Ethnobotany, Food Science and Technology and Sustainable Ecosystem Services. The major employers of plant biologists are educational institutions, federal and state agencies, as well as industries. Job opportunities usually depend upon educational training and experience. New positions in Botany are expected to increase at an

above-average rate through the turn of the century. Growing world population continues to increase the need for better food supplies. Environmental concerns, such as air, water and soil pollution, will create openings for Ecologists in government and industry. The search for new drugs and medicines and useful genes for improving crop plants will continue to create a need for botanical explorers.

Faculty Members:

1.	Prof. Dr. Saadullah Khan LeghariProfessor and ChairpersonPh.D. (Environmental Biology, BiologicalSciences)HEC Approved Supervisor in BiologicalScienceshod.bot@gudgk.edu.pk
2.	Dr. Allah Bakhsh Gulshan Associate Professor and Registrar Ph.D. Plant Systematic agulshan@gudgk.edu.pk
3.	Dr. Faisal Hussain Leghari Associate Professor Post Doctorate (Japan) Ph.D. (Pak) Plant Pathology, Plant Ecology HEC Approved Supervisor in Biological Sciences fhussain@gudgk.edu.pk
4.	Dr. Muhammad Abid Khan Lecturer Ph.D. (Molecular Biology & Genetics)
5.	Dr. Aneela Nijabat Lecturer Ph.D. (Molecular Biology & Genetics)
6.	Ms. Saher Nawaz Lecturer M. Phil. (Stress Phsiology)
Program	n

Sr. No.	Program Name	Duration	Level
1.	BS Botany	4 Years	Undergraduate
2.	M.Phil. Botany (Morning/evening)	2 Years	Postgraduate

Eligibility

Р

Admission conditions / Criteria (Under-graduate BS (4 Year)

• F. Sc. (Pre-Medical) with a minimum 2nd Division (45% marks) and 45% marks in Biology, Age up to 23 years, Merit, District Quota, Evening / Self-Finance, Sports and Disabled Quota

Admission conditions / Criteria (Higher studies M.Phil.) Evening Session

• BS Botany/ M.Sc. Botany with 2.5/4.00 (Semester System) CGPA or 45% marks (Annual System) from HEC recognized university/ degree awarding institute.

- For admission in M.Phil. program, applicant should have a minimum score of 50% in GAT-General OR
- 60% in Ghazi University Departmental Test

Semester Breakup:

	<u>Scheme of Study (BS Botany)</u>						
Course Code	Title of the Course	Cr. Hours	Course Type				
	1 st Semester						
ENG-301	English I: Reading and Writing skills	3(3-0)	Compulsory				
PST-301	Pakistan Studies	2(2-0)	Compulsory				
MATH-307	Mathematics-I (Introduction to Algebra)	3(3-0)	Compulsory				
CS-301	Introduction to Information and Communication Technologies	3(2-1)	Compulsory				
ZOOL-401	Animal Form and Function-I	3(2-1)	General				
BOT-301	Diversity of Plants	4(3-1)	Foundation				
	Total	18(15-3)					
	2 nd Semester						
ENG-302	English II: Composition writing	3(3-0)	Compulsory				
IS-302	Islamic Studies/Ethics	2(2-0)	Compulsory				
CHEM- 301	Fundamental of Inorganic Chemistry	4(3-1)	General				
MATH-310	Mathematics-II (Introduction to Calculus)	3(3-0)	Compulsory				
ZOOL-410	Animal form and function-II	3(2-1)	General				
BOT-302	Diversity of non-vascular plants	3(2-1)	Major				
	Total	18(15-3)					
	3 rd Semester	1	1				
ENG-401	English III: Communication & presentation skills	3(3-0)	Compulsory				
BA-507	Human Resource Management	3(3-0)	General				
ZOOL-301	Animal Diversity-I Invertebrates	4(3-1)	General				
CHEM-302	Fundamental of Organic Chemistry	4(3-1)	General				
BOT-401	Cell Biology, Genetics and Evolution	4(3-1)	Foundation				
	Total	18(15-3)					
	4 th Semester						
PSY -301	Introduction to Psychology	3(3-0)	General				
ZOOL-302	Animal Diversity II Chordates	4(3-1)	General				
BOT-402	Plant Systematics Anatomy and Development	4(3-1)	Foundation				
BOT-404	Biodiversity and Conservation	4(3-1)	Foundation				
BOT-406	Biostatistics	3(2-1)	Major				
Total 18(14-4)							
	5 th Semester						
BOT-501	Plant Physiology and Ecology	4(3-1)	Foundation				
BOT-503	Genetics-I	4(3-1)	Foundation				
BOT-505	Mycology and Plant Pathology	3(2-1)	Major				
BOT-507	Anatomy of Vascular Plants	3(2-1)	Major				
BOT-509	Plant Systematics	4(3-1)	Major				
	Total	18(13-5)					
	6 th Semester						
BOT-502	Bacteriology and Virology	3(2-1)	Major				
BOT-504	Genetics-II	3(2-1)	Major				
BOT-506	Plant Biochemistry-I	3(2-1)	Major				
BOT-508	Plant Ecology-I	3(2-1)	Major				
BOT-510	Plant Physiology	3(2-1)	Major				
	Total	15(10-5)					
	7 th Semester	1					
BOT-601	Plant Ecology-II	3(2-1)	Major				
BOT-603	Stress Physiology	3(2-1)	Major				

			Carton Carton
BOT-605	Plant Biochemistry-II	3(2-1)	Major
BOT-607	Plant Tissue Culture	4(3-1)	Elective-I
BOT-609	Plant Hormones	4(3-1)	Elective-I
BOT-611	Enzymology	3(2-1)	Elective-II
BOT-613	Herbarium Techniques	3(2-1)	Elective-II
BOT-615	Microbial Ecology	3(2-1)	Elective-II
BOT-617	Thesis/ Research Project	3(0-3)	Elective-II
Note: One cou	rse will be offered from each Elective-I and Elective	e-II	
	Total	16(9-7)/16(1	1-5)
	8 th Semester		
BOT-602	Molecular Biology	4(3-1)	Major
B0T-604	Environmental Biology	4(3-1)	Major
B0T-606	Salinity and Water logging	4(3-1)	Elective-I
BOT-608	Economic Botany	4(3-1)	Elective-I
BOT-610	Medicinal Plants	4(3-1)	Elective-I
BOT-612	Advances in Molecular Biology	3(2-1)	Elective-II
BOT-614	Seed Biotechnology	3(2-1)	Elective-II
BOT-616	Bioinformatics	3(2-1)	Elective-II
BOT-618	Methods of crop improvement	3(2-1)	Elective-II
BOT-620	Thesis/ Research Project	3(0-3) Elective-II	
Note: One course will be offered from each Elective-I and Elective-II			
	Total	15 (9-6)/15(2	11-4)
Grand Total 136			

Scheme of M.Phil. Degree Program

1 st Semester			
S. No.	Course Code	Course Title	Credit Hours
1.	Bot-714	Advanced Plant Physiology OR	3 (3-0)
	Bot-702	Techniques in Molecular Biology	
2.	Bot-729	Soil Plant Relationship OR	3 (3-0)
	Bot-712	Research Techniques and Instrumentation	
3.	Bot-716	Phytogeography OR	3 (3-0)
	Bot-726 Advances in Plant Anatomy		
4.	Bot-732	Experimental Designs and Computer Application	3 (3-0)
		(Compulsory)	
Total Credit Hours/Semester			12

2nd Semester **Credit Hours** S. No. **Course Code Course Title** Bot-718 Advances in Environmental Biology OR 3 (3-0) 1. Bot-746 Nano Biotechnology 2. Bot-720 Plant Growth and Development **OR** 3 (3-0) Bot-756 Advances in Plant Pathology Advances in Plant Taxonomy **OR** 3. Bot-736 3 (3-0) Soil Fertility and Plant Nutrition OR Bot-727 Bot-744 **Biosystematics** 4. Bot-750 Research Methodology (Compulsory) 3 (3-0) Total Credit Hours/Semester 12

3 rd & 4 th Semester				
S. No. Course Code Synopsis and Thesis Writing			Credit Hours	
-	-	Synopsis preparation, Review of Literature and Fieldwork for research, Data collection and samples analysis, Thesis writing	06	
Grand Total Credit Hours of M.Phil. Degree Program			30	

Note: After the completion of course work, scholars will choose their supervisor and submit their synopsis within 30 days for approval from Departmental Admission Committee **(DAC)** and then submitted to the Board of Advance Studies and Research **(BASR)** for final approval.



Introduction:

The Department of Chemistry started regular functioning in 2014, for BS and MSc Programs. The course offered in the Department of Chemistry at Ghazi University Dera Ghazi Khan is according to the scheme of studies approved by the Higher Education Commission (HEC) of Pakistan to meet the national and international standards. Presently, the Department of Chemistry offers 4 years (8 semesters) BS program, 2 years (4 semesters) MSc program. Our vibrant and highly qualified faculty includes 03 Ph.D. degree holders with vast teaching and research experience with international exposure in different countries. The Department is currently offering specialization in various disciplines of chemistry mainly in organic chemistry, inorganic chemistry, analytical chemistry, physical chemistry and biochemistry.

Objectives:

The objectives of the Department of Chemistry are to create a conducive environment of learning for its undergraduate and postgraduate students and to achieve excellence in the area of research and education. The basic objective of the Department of Chemistry is to educate the next generation of chemists with the capacity to solve real problems and provide leadership that can lead to the economic transformation of the country. The mission of the Department of Chemistry, Ghazi University Dera Ghazi Khan is to equip the students in the areas of research-based knowledge of chemistry in order to enable them to compete at the international level, to achieve excellence in research, teaching and chemistry. Our students become world- class scientists and feel proud as part of this excellent department.

Job Opportunities:

The department of chemistry is a leading institute in Ghazi University and covers all the aspects of subject-related indispensable for all the fields of life sciences. Its involvement in providing energy, food, shelter, clothing, medicine and other necessities to human beings makes it versatile in life sciences field. Thus, the study of chemistry as a subject is important in the progress of human beings on the global level. The main aims of the curricula of the Department of Chemistry are to impart sound knowledge in a creatively and analytically. For this purpose, different methods of explanation, investigation, organization of data, and its utilization are taught to the students. This helps them in applying chemistry in social and economic spheres, such as health, agriculture, industry and defense. Further, the courses offered by the Department of Chemistry improve the students' writing, oral communication and computer skills, thereby meeting the needs of the changing national as well as a global scenario. It encourages the students to become independent learners, broaden their knowledge, and develop their capabilities.

Faculty Members:

1. Prof. Dr. Muhammad Nadeem Akhtar Professor and Chairperson Ph.D. hod.chem@gudgk.edu.pk



	- Shares	
A.	r . Muhammad Saleem ssociate Professor nsaleem@gudgk.edu.pk	
A	Pr. Mubashara Saadia ssociate Professor nsadia@gudgk.edu.pk	
4. D	r. Muhammad Jamshed	
	ssistant Professor	
P	h.D.	
5. D	r. Maqbool Ahmad	
A	ssistant Professor	
P	h.D.	

Program:

Degree program offered at Department of Chemistry:

Sr. No.	Program Name	Duration	Level
1.	BS Chemistry	4 Years	Undergraduate

Eligibility:

Admission conditions / Criteria (Under-graduate BS (4 Year)

• F. Sc. (Pre-Medical/Pre-Engineering) with a minimum 2nd Division (45% marks) and 45% marks in Biology/Mathematics. Age up to 23 years, Merit, District Quota, Evening / Self-Finance, Sports and Disabled Quota

Semester Breakup:

SEMESTER-I

SEMILS I ER-I				
Course Code	Title of the course	Credit Hours	Course Type	
ENGL-307	English-I Functional English	3(3-0)	Compulsory	
PST-301	Pakistan Studies	2(2-0)	Compulsory	
BA-507	Human Resource Management	3(3-0)	Compulsory	
MATH-307/ ZOOL- 401	Mathematics-I (Introduction to Algebra) / Animal Form and Function-I	3(3-0)/3(2-1)	General	
PHY-301/BOT-506	Mechanics-1/ Plant Biochemistry-I	3(3-0)/3(2-1)	General	
CHEM-301	Fundamental of In-organic chemistry	4(3-1)	Core course	
Total		18		
SEMESTER-II				
Course Code	Title of the course	Credit Hours	Course Type	
ENG-308	English-II Communication Skills	3(3-0)	Compulsory	
BA-605	Entrepreneurship	3(3-0)	Compulsory	
	Course Code ENGL-307 PST-301 BA-507 MATH-307/ZOOL- 401 PHY-301/BOT-506 CHEM-301 Total ER-II Course Code ENG-308	Course CodeTitle of the courseENGL-307English-I Functional EnglishPST-301Pakistan StudiesBA-507Human Resource ManagementMATH-307/ZOOL-Mathematics-I (Introduction to Algebra) / Animal Form and Function-IPHY-301/BOT-506Mechanics-1/Plant Biochemistry-ICHEM-301Fundamental of In-organic chemistryTotalER-IIENG-308English-II Communication Skills	Course CodeTitle of the courseCredit HoursENGL-307English-I Functional English3(3-0)PST-301Pakistan Studies2(2-0)BA-507Human Resource Management3(3-0)MATH-307/ZOOL- 401Mathematics-I (Introduction to Algebra) / Animal Form and Function-I3(3-0)/3(2-1)PHY-301/BOT-506Mechanics-1/Plant Biochemistry-I 	

3.	MATH-310/ZO0	DL- Math-II (Introduction to Calculus)		General
5.	410	/ Animal Form and Function-II	3(3-0)/3(2-1)	General
4.	PHY-302/BOT-0		3(3-0)/3(2-1)	General
5.	IS-302	Islamic Studies		
			2(2-0)	Compulsory
6.	CHEM-302	Fundamental of Organic Chemistry	4(3-1)	Core course
	Total	1	.8	
SEMES	TER-III	· · ·		
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	ENG-409	English-III Technical Writing and Presentation	3(3-0)	Compulsory
		Skills		
2.	MATH-407/	Mathematics III (Introduction to Geometry)	2(2 0) / 2(2 1)	General
	ZOOL-304	/ Cell Biology	3(3-0) / 3(2-1)	
3.	BOT-510/ PHY-	Plant Physiology / Electricity & Magnetism	3(2-1)/3(3-0)	General
	304			
4.	CHEM-401	Environmental Chemistry	4(4-0)	Core course
5.	CHEM-403	Physical Chemistry	3(2-1)	Core Course
	Total		16	
SEMES	TER-IV			
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	STAT-301	Introduction to Statistics	3(3-0)	General
2.		Introduction to Information Technology and		
	CS-301	Communication	3(2-1)	General
3.	CHEM-402	Analytical Chemistry	4(3-1)	Core Course
4.	CHEM-404	Biochemistry	3(2-1)	Core Course
5.	CHEM-406	Industrial Chemistry	3(2-1)	Core Course
	Total		16	•
			10	
SEMES			10	
SEMES S. No.		Title of the course	Credit Hours	Course Type
	TER-V	Title of the course Chemistry of Transition Element		Course Type Major
<mark>S. No.</mark> 1. 2.	TER-V Course Code		Credit Hours	
S. No. 1.	TER-V Course Code CHEM-501 CHEM-503	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase	Credit Hours 4(3-1) 4(3-1)	Major Major
S. No. 1. 2. 3.	TER-V Course Code CHEM-501 CHEM-503 CHEM-505	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase Equilibrium	Credit Hours 4(3-1) 4(3-1) 4(3-1)	Major Major Major
S. No. 1. 2.	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1)	Major Major
S. No. 1. 2. 3. 4.	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase Equilibrium	Credit Hours 4(3-1) 4(3-1) 4(3-1)	Major Major Major
S. No. 1. 2. 3. 4. SEMES	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total TER-VI	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase Equilibrium Analytical Chemistry	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16	Major Major Major Major
S. No. 1. 2. 3. 4. SEMES S. No.	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total TER-VI Course Code	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase Equilibrium Analytical Chemistry Title of the course	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours	Major Major Major Major Course Type
S. No. 1. 2. 3. 4. SEMES S. No. 1.	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total TER-VI Course Code CHEM-502	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase Equilibrium Analytical Chemistry Title of the course In-Organic Material Chemistry	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1)	Major Major Major Major Course Type Major
S. No. 1. 2. 3. 4. SEMES S. No. 1. 2.	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total TER-VI Course Code CHEM-502 CHEM-504	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase Equilibrium Analytical Chemistry Title of the course In-Organic Material Chemistry Organic Reaction Mechanism	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1)	Major Major Major Major Course Type Major Major
S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3.	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total TER-VI Course Code CHEM-502 CHEM-504 CHEM-506	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase Equilibrium Analytical Chemistry Title of the course In-Organic Material Chemistry Organic Reaction Mechanism Physical Chemistry	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1)	Major Major Major Major Course Type Major Major Major
S. No. 1. 2. 3. 4. SEMES S. No. 1. 2.	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total TER-VI Course Code CHEM-502 CHEM-504 CHEM-508/-510	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase Equilibrium Analytical Chemistry Title of the course In-Organic Material Chemistry Organic Reaction Mechanism	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1)	Major Major Major Major Course Type Major Major
S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. 4. 4. 4. 5. 1. 2. 3. 4. 5. 1. 2. 5. 1. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total TER-VI Course Code CHEM-502 CHEM-504 CHEM-504 CHEM-506 CHEM-508/-510 Total	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase Equilibrium Analytical Chemistry Title of the course In-Organic Material Chemistry Organic Reaction Mechanism Physical Chemistry Applied Chemistry / Biochemistry	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1)	Major Major Major Major Course Type Major Major Major
S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total TER-VI Course Code CHEM-502 CHEM-504 CHEM-506 CHEM-506 CHEM-508/-510 Total STER-VII (Organia	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase Equilibrium Analytical Chemistry Title of the course In-Organic Material Chemistry Organic Reaction Mechanism Physical Chemistry Applied Chemistry / Biochemistry Specialization	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16	Major Major Major Major Major Major Major Elective
S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. 4. 4. 4. 5. 1. 2. 3. 4. 5. 1. 2. 5. 1. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total TER-VI Course Code CHEM-502 CHEM-504 CHEM-504 CHEM-506 CHEM-508/-510 Total	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase Equilibrium Analytical Chemistry Title of the course In-Organic Material Chemistry Organic Reaction Mechanism Physical Chemistry Applied Chemistry / Biochemistry Specialization Title of the Course	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours Credit Hours	Major Major Major Major Course Type Major Major Major
S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total TER-VI Course Code CHEM-502 CHEM-504 CHEM-506 CHEM-506 CHEM-508/-510 Total STER-VII (Organia	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase Equilibrium Analytical Chemistry Title of the course In-Organic Material Chemistry Organic Reaction Mechanism Physical Chemistry Applied Chemistry / Biochemistry Specialization) Title of the Course Heterocyclic Chemistry and Organometalli	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours Credit Hours	Major Major Major Major Major Major Major Elective
S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. 1. 2. 3. 4. 1. 2. 3. 4. 1. 2. 3. 1. 1. 2. 3. 1. 1. 2. 3. 1. 1. 2. 3. 1. 3. 1. 1. 2. 3. 1. 1. 2. 3. 1. 1. 2. 3. 1. 1. 2. 3. 1. 1. 2. 3. 1. 1. 2. 3. 1. 1. 2. 3. 1. 1. 2. 3. 1. 1. 2. 3. 1. 1. 2. 3. 1. 1. 1. 2. 3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total TER-VI Course Code CHEM-502 CHEM-504 CHEM-506 CHEM-508/-510 Total STER-VII (Organia Course Code CHEM-601	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase Equilibrium Analytical Chemistry Title of the course In-Organic Material Chemistry Organic Reaction Mechanism Physical Chemistry Applied Chemistry / Biochemistry Specialization Title of the Course Heterocyclic Chemistry and Organometalli Compound	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours 4(3-1) <	Major Major Major Major Major Major Elective Course Type Major
S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. 2. 3. 4. 2. 3. 4. 5. NO. 1. 2. 3. 4. 5. 1. 2. 5. NO. 1. 2. 5. NO. 1. 2. 5. NO. 1. 2. 5. NO. 1. 2. 5. NO. 1. 2. 5. NO. 1. 2. 5. NO. 5. 1. 2. 5. NO. 5. 1. 2. 5. 1. 2. 5. 1. 5. 5. 1. 5. 5. 1. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total TER-VI Course Code CHEM-502 CHEM-504 CHEM-504 CHEM-508/-510 Total STER-VII (Organic Course Code CHEM-601 CHEM-603	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase Equilibrium Analytical Chemistry Title of the course In-Organic Material Chemistry Organic Reaction Mechanism Physical Chemistry Applied Chemistry / Biochemistry Specialization) Title of the Course Heterocyclic Chemistry and Organometalli Compound Reactive Intermediates	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours C C 3(3-0) 3(3-0)	Major Major Major Major Major Major Elective Course Type Major Major Major Major
S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 3. 4. SEMES S. No. 1. 2. 3. 3. 4. SEMES S. No. 1. 3. 3. 3. 3. 5. No. 1. 3. 3. 5. No. 3. 3. 5. No. 3. 5. No. 3. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. S. No. 5. S. S. No. 5. S. S. S	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total TER-VI Course Code CHEM-502 CHEM-504 CHEM-506 CHEM-508/-510 Total STER-VII (Organic Course Code CHEM-601 CHEM-603 CHEM-605	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase Equilibrium Analytical Chemistry Title of the course In-Organic Material Chemistry Organic Reaction Mechanism Physical Chemistry Applied Chemistry / Biochemistry Specialization) Title of the Course Heterocyclic Chemistry and Organometalli Compound Reactive Intermediates Organic Spectroscopy	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours Credit Hours Credit Hours Credit Hours Credit Hours Credit Hours Credit Hours Credit Hours	Major Major Major Major Major Major Elective Course Type Major Elective Major Major Major Major Major
S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. 4. SEMES S. No. 1. 2. 3. 4. 4. SEMES S. No. 1. 2. 3. 4. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 3. 4. SEMES S. No. 1. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total TER-VI Course Code CHEM-502 CHEM-504 CHEM-506 CHEM-508/-510 Total STER-VII (Organic COURSE Code CHEM-601 CHEM-603 CHEM-605 CHEM-XXX	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase Equilibrium Analytical Chemistry Title of the course In-Organic Material Chemistry Organic Reaction Mechanism Physical Chemistry Applied Chemistry / Biochemistry Specialization) Title of the Course Heterocyclic Chemistry and Organometalli Compound Reactive Intermediates Organic Spectroscopy Other than field of specialization	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours C C 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(3-0)	Major Major Major Major Major Major Major Elective Major Major Major Major Major Major Elective
S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 3. 4. SEMES S. No. 1. 2. 3. 3. 4. SEMES S. No. 1. 3. 3. 3. 3. 5. No. 1. 3. 3. 5. No. 3. 3. 5. No. 3. 5. No. 3. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. No. 5. S. No. 5. S. S. No. 5. S. S. S	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total TER-VI Course Code CHEM-502 CHEM-504 CHEM-506 CHEM-508/-510 Total STER-VII (Organic Course Code CHEM-601 CHEM-603 CHEM-605	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase Equilibrium Analytical Chemistry Analytical Chemistry Title of the course In-Organic Material Chemistry Organic Reaction Mechanism Physical Chemistry Applied Chemistry / Biochemistry Specialization Title of the Course Heterocyclic Chemistry and Organometalli Compound Reactive Intermediates Organic Spectroscopy Other than field of specialization Lab-I/ Thesis/ Project	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours C () () () () () () () () () () () () ()	Major Major Major Major Major Major Elective Course Type Major Elective Major Major Major Major Major
S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. S. No. 1. 2. 3. 4. 5. 4.	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total TER-VI Course Code CHEM-502 CHEM-504 CHEM-506 CHEM-508/-510 Total STER-VII (Organia CHEM-601 CHEM-603 CHEM-605 CHEM-605 CHEM-607	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase Equilibrium Analytical Chemistry Analytical Chemistry Title of the course In-Organic Material Chemistry Organic Reaction Mechanism Physical Chemistry Applied Chemistry / Biochemistry Specialization Title of the Course Heterocyclic Chemistry and Organometalli Compound Reactive Intermediates Organic Spectroscopy Other than field of specialization Lab-I/ Thesis/ Project	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours C C 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(3-0)	Major Major Major Major Major Major Major Elective Major Major Major Major Major Major Elective
S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 5. S. No. 1. 5. S. No. 5. S. S. No. 5. S. S. No. 5. S. S. No. 5. S. S. No. 5. S. S. S	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total TER-VI Course Code CHEM-502 CHEM-504 CHEM-504 CHEM-506 CHEM-508/-510 Total STER-VII (Organic COURSE CODE CHEM-601 CHEM-603 CHEM-605 CHEM-605 CHEM-XXX CHEM-607 TER-VIII	Chemistry of Transition Element Stereochemistry and Reaction Mechanism Quantum Chemistry and Gas Phase Equilibrium Analytical Chemistry Analytical Chemistry In-Organic Material Chemistry Organic Reaction Mechanism Physical Chemistry Applied Chemistry / Biochemistry Specialization) Title of the Course Heterocyclic Chemistry and Organometalli Compound Reactive Intermediates Organic Spectroscopy Other than field of specialization Lab-I/ Thesis/ Project Total 15	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(0-3) 9-6)	Major Major Major Major Major Major Major Elective Major Major Major Major Elective Elective Elective
S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 5. SEMES S. No.	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total TER-VI Course Code CHEM-502 CHEM-504 CHEM-504 CHEM-508/-510 Total STER-VII (Organic Course Code CHEM-601 CHEM-603 CHEM-605 CHEM-605 CHEM-607 TER-VIII Course Code	Chemistry of Transition ElementStereochemistry and Reaction MechanismQuantum Chemistry and Gas PhaseEquilibriumAnalytical ChemistryAnalytical ChemistryIn-Organic Material ChemistryOrganic Reaction MechanismPhysical ChemistryApplied Chemistry / BiochemistrySpecialization)Title of the CourseHeterocyclic Chemistry and Organometalli CompoundReactive IntermediatesOrganic SpectroscopyOther than field of specializationLab-I/ Thesis/ ProjectTotal15(Title of the Course	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(0-3) 9-6)	Major Major Major Major Major Major Major Elective Major Major Major Elective Elective Elective
S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 3. 4. SEMES S. No. 1. 3. 4. SEMES S. No. 1. 3. 4. SEMES S. No. 1. 3. 4. SEMES S. No. 1. 3. 4. SEMES S. No. 1. 3. 4. SEMES S. No. 1. 3. 4. SEMES S. No. 1. 3. 4. SEMES S. No. 1. 3. 4. SEMES S. No. 1. 3. 3. 4. S. No. 1. 3. 3. 4. S. No. 1. 3. 3. 4. S. No. 1. 3. 3. 4. S. No. 1. 3. 3. 4. S. No. 1. 3. 3. 4. S. No. 1. 3. 3. 4. S. No. 1. 3. 3. 4. S. No. 1. 3. 3. 4. 5. S. No. S. S. No. S. No. S. S. No. S. No. S. S. No. S. S. No. S. S. S	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total TER-VI Course Code CHEM-502 CHEM-504 CHEM-506 CHEM-508/-510 Total STER-VII (Organic COURSE Code CHEM-601 CHEM-603 CHEM-605 CHEM-605 CHEM-XXX CHEM-607 TER-VIII Course Code CHEM-602	Chemistry of Transition ElementStereochemistry and Reaction MechanismQuantum Chemistry and Gas PhaseEquilibriumAnalytical ChemistryAnalytical ChemistryIn-Organic Material ChemistryOrganic Reaction MechanismPhysical ChemistryApplied Chemistry / BiochemistryCompoundReactive IntermediatesOrganic SpectroscopyOther than field of specializationLab-I/ Thesis/ ProjectTotalTitle of the CourseNatural Products	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(0-3) 9-6)	Major Major Major Major Major Major Major Elective Major Major Elective Elective Elective Elective Elective
S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 2. 3. 4. SEMES S. No. 1. 5. SEMES S. No.	TER-V Course Code CHEM-501 CHEM-503 CHEM-505 CHEM-507 Total TER-VI Course Code CHEM-502 CHEM-504 CHEM-504 CHEM-508/-510 Total STER-VII (Organic Course Code CHEM-601 CHEM-603 CHEM-605 CHEM-605 CHEM-607 TER-VIII Course Code	Chemistry of Transition ElementStereochemistry and Reaction MechanismQuantum Chemistry and Gas PhaseEquilibriumAnalytical ChemistryAnalytical ChemistryIn-Organic Material ChemistryOrganic Reaction MechanismPhysical ChemistryApplied Chemistry / BiochemistrySpecialization)Title of the CourseHeterocyclic Chemistry and Organometalli CompoundReactive IntermediatesOrganic SpectroscopyOther than field of specializationLab-I/ Thesis/ ProjectTotal15(Title of the Course	Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 16 Credit Hours 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 4(3-1) 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(0-3) 9-6)	Major Major Major Major Major Major Major Elective Major Major Major Elective Elective Elective

4.	CHEM-XXX	Other than field of Specialization	3(3-0)	Elective
5.	CHEM-608	Lab-II/ Thesis/ Project	3(0-3)	Elective
		tal 15 (9-6)		
SEMEST	ГЕR-VII (In-Orga	nic Specialization)		
S. No.	Course Code	Title of the Course	Credit Hours	Course Type
1.	CHEM-609	Inorganic Reaction Mechanism	3(3-0)	Major
2.	CHEM-611	π - Ligands Acceptor and In-Organic Polymers	3(3-0)	Major
3.	CHEM-613	Inorganic Spectroscopy	3(3-0)	Major
4.	*СНЕМ-XXX	Other than field of Specialization	3(3-0)	Elective
5.	CHEM-615	Lab-I/ Thesis/ Project	3(0-3)	Elective
		Total 15(9-	-6)	
SEMEST	TER-VIII			
S. No.	Course Code.	Title of the Course	Credit Hours	Course Type
1.	CHEM-610	Organometallics	3(3-0)	Major
2.	CHEM-612	Symmetry and Magnetochemistry	3(3-0)	Major
3.	CHEM-614	Radio and Nuclear Chemistry	3(3-0)	Major
4.	*CHEM-XXX	Other than field of Specialization	3(3-0)	Elective
5.	CHEM-616	Lab-II/ Thesis/ Project	3(0-3)	Elective
		Total 15(9	9-6)	
		mistry Specialization)		
S. No.	Course Code.	Title of the Course	Credit Hours	Course Type
1.	CHEM-625	Biomedical Chemistry	3(3-0)	Major
2.	CHEM-627	Molecular Biology	3(3-0)	Major
3.	CHEM-629	Physical Techniques in Biochemistry	3(3-0)	Major
4.	*CHEM-XXX	Other than field of Specialization	3(3-0)	Elective
5.	CHEM-631	Lab-I/ Thesis/ Project	3(0-3)	Elective
		Total 15	(9-6)	
	TER-VIII	1		
S. No.	Course Code.	Title of the Course	Credit Hours	Course Type
1.	CHEM-626	Microbiology and Immunology	3(3-0)	Major
2.		Bio-Nanotechnology		
	CHEM-628		3(3-0)	Major
3.	CHEM-630	Nutritional Chemistry	3(3-0)	Major
3. 4.	CHEM-630 *CHEM-XXX	Nutritional Chemistry Other than field of Specialization	3(3-0) 3(3-0)	Major Elective
3.	CHEM-630	Nutritional Chemistry Other than field of Specialization Lab-II/ Thesis/ Project	3(3-0) 3(3-0) 3(0-3)	Major
3. 4. 5.	CHEM-630 *CHEM-XXX CHEM-632	Nutritional ChemistryOther than field of SpecializationLab-II/ Thesis/ ProjectTotal15	3(3-0) 3(3-0)	Major Elective
3. 4. 5. SEMES	CHEM-630 *CHEM-XXX CHEM-632 TER-VII (Physica	Nutritional ChemistryOther than field of SpecializationLab-II/ Thesis/ ProjectTotal15(al Specialization)	3(3-0) 3(3-0) 3(0-3) (9-6)	Major Elective Elective
3. 4. 5.	CHEM-630 *CHEM-XXX CHEM-632	Nutritional Chemistry Other than field of Specialization Lab-II/ Thesis/ Project Total 15(Al Specialization) Title of the Course	3(3-0) 3(3-0) 3(0-3)	Major Elective
3. 4. 5. SEMES	CHEM-630 *CHEM-XXX CHEM-632 TER-VII (Physica	Nutritional Chemistry Other than field of Specialization Lab-II/ Thesis/ Project Total 15(Al Specialization) Electrochemistry and Statistical	3(3-0) 3(3-0) 3(0-3) (9-6)	Major Elective Elective
3. 4. 5. SEMES' S. No. 1.	CHEM-630 *CHEM-XXX CHEM-632 TER-VII (Physica Course Code. CHEM-617	Nutritional Chemistry Other than field of Specialization Lab-II/ Thesis/ Project Total 15(al Specialization) Electrochemistry and Statistical Thermodynamics	3(3-0) 3(3-0) 3(0-3) (9-6) Credit Hours 3(3-0)	Major Elective Elective Course Type Major
3. 4. 5. SEMES' S. No. 1. 2.	CHEM-630 *CHEM-XXX CHEM-632 TER-VII (Physica Course Code. CHEM-617 CHEM-619	Nutritional Chemistry Other than field of Specialization Lab-II/ Thesis/ Project Total 15(al Specialization) Electrochemistry and Statistical Thermodynamics Polymer Chemistry	3(3-0) 3(3-0) 3(0-3) (9-6) Credit Hours 3(3-0) 3(3-0)	Major Elective Elective Course Type Major Major
3. 4. 5. SEMES' S. No. 1.	CHEM-630 *CHEM-XXX CHEM-632 TER-VII (Physica Course Code. CHEM-617	Nutritional ChemistryOther than field of SpecializationLab-II/ Thesis/ ProjectTotal15(al Specialization)Electrochemistry and StatisticalThermodynamicsPolymer ChemistryQuantum Chemistry and Molecular	3(3-0) 3(3-0) 3(0-3) (9-6) Credit Hours 3(3-0)	Major Elective Elective Course Type Major
3. 4. 5. SEMES' S. No. 1. 2. 3.	CHEM-630 *CHEM-XXX CHEM-632 TER-VII (Physica Course Code. CHEM-617 CHEM-619 CHEM-621	Nutritional ChemistryOther than field of SpecializationLab-II/ Thesis/ ProjectTotal15(al Specialization)Electrochemistry and StatisticalThermodynamicsPolymer ChemistryQuantum Chemistry and MolecularSpectroscopy	3(3-0) 3(3-0) 3(0-3) (9-6) Credit Hours 3(3-0) 3(3-0) 3(3-0)	Major Elective Elective Major Major Major
3. 4. 5. SEMES' S. No. 1. 2. 3. 4.	CHEM-630 *CHEM-XXX CHEM-632 TER-VII (Physica Course Code. CHEM-617 CHEM-619 CHEM-621 *CHEM-XXX	Nutritional ChemistryOther than field of SpecializationLab-II/ Thesis/ ProjectTotal15(I Specialization)Electrochemistry and Statistical ThermodynamicsPolymer ChemistryQuantum Chemistry and Molecular SpectroscopyOther than field of Specialization	3(3-0) 3(3-0) 3(0-3) (9-6) Credit Hours 3(3-0) 3(3-0) 3(3-0) 3(3-0)	Major Elective Elective Major Major Major Elective
3. 4. 5. SEMES' S. No. 1. 2. 3.	CHEM-630 *CHEM-XXX CHEM-632 TER-VII (Physica Course Code. CHEM-617 CHEM-619 CHEM-621	Nutritional ChemistryOther than field of SpecializationLab-II/ Thesis/ ProjectTotal15(al Specialization)Electrochemistry and StatisticalThermodynamicsPolymer ChemistryQuantum Chemistry and MolecularSpectroscopyOther than field of SpecializationLab-I/ Thesis/ Project	3(3-0) 3(3-0) 3(0-3) 9-6) Credit Hours 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(0-3)	Major Elective Elective Major Major Major
3. 4. 5. SEMES' S. No. 1. 2. 3. 4. 5.	CHEM-630 *CHEM-XXX CHEM-632 TER-VII (Physica Course Code. CHEM-617 CHEM-619 CHEM-619 CHEM-621 *CHEM-XXX CHEM-623	Nutritional ChemistryOther than field of SpecializationLab-II/ Thesis/ ProjectTotal15(I Specialization)Electrochemistry and Statistical ThermodynamicsPolymer ChemistryQuantum Chemistry and Molecular SpectroscopyOther than field of Specialization	3(3-0) 3(3-0) 3(0-3) 9-6) Credit Hours 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(0-3)	Major Elective Elective Major Major Major Elective
3. 4. 5. SEMES' 1 . 2. 3. 4. 5. SEMES'	CHEM-630 *CHEM-XXX CHEM-632 TER-VII (Physica Course Code. CHEM-617 CHEM-619 CHEM-621 *CHEM-621 *CHEM-XXX CHEM-623	Nutritional Chemistry Other than field of Specialization Lab-II/ Thesis/ Project Total 15(a) 1 Specialization) Electrochemistry and Statistical Thermodynamics Polymer Chemistry Quantum Chemistry and Molecular Spectroscopy Other than field of Specialization Lab-I/ Thesis/ Project	3(3-0) 3(0-3) (9-6) Credit Hours 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(0-3) 9-6)	Major Elective Elective Major Major Major Elective Elective
3. 4. 5. SEMES' S. No. 1. 2. 3. 4. 5. SEMES' S. No.	CHEM-630 *CHEM-XXX CHEM-632 TER-VII (Physica Course Code. CHEM-617 CHEM-619 CHEM-621 *CHEM-621 *CHEM-623 TER-VIII Course Code.	Nutritional ChemistryOther than field of SpecializationLab-II/ Thesis/ ProjectTotal15(al Specialization)Electrochemistry and Statistical ThermodynamicsPolymer Chemistry Quantum Chemistry and Molecular SpectroscopyOther than field of SpecializationLab-I/ Thesis/ ProjectTotal15(9)Other than field of SpecializationLab-I/ Thesis/ ProjectTotal15(9)Title of the Course	3(3-0) 3(0-3) (9-6) Credit Hours 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(0-3) O-6) Credit Hours	Major Elective Elective Major Major Major Elective Elective Elective
3. 4. 5. SEMES' S. No. 1. 2. 3. 4. 5. SEMES' S. No. 1.	CHEM-630 *CHEM-632 CHEM-632 TER-VII (Physica Course Code. CHEM-617 CHEM-619 CHEM-621 *CHEM-623 TER-VIII Course Code. CHEM-618	Nutritional ChemistryOther than field of SpecializationLab-II/ Thesis/ ProjectTotal15(al Specialization)al Specialization)Electrochemistry and Statistical ThermodynamicsPolymer ChemistryQuantum Chemistry and Molecular SpectroscopyOther than field of SpecializationLab-I/ Thesis/ ProjectTotal15(9)TotalTitle of the CourseReaction Dynamics	3(3-0) 3(0-3) 9-6) Credit Hours 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(0-3) 9-6) Credit Hours 3(3-0)	Major Elective Elective Major Major Major Elective Elective Course Type Major
3. 4. 5. SEMES' S. No. 1. 2. 3. 4. 5. SEMES' S. No. 1. 2.	CHEM-630 *CHEM-632 CHEM-632 TER-VII (Physica Course Code. CHEM-617 CHEM-619 CHEM-621 *CHEM-621 *CHEM-623 TER-VIII Course Code. CHEM-618 CHEM-620	Nutritional ChemistryOther than field of SpecializationLab-II/ Thesis/ ProjectTotal15(al Specialization)al Specialization)Electrochemistry and Statistical ThermodynamicsPolymer ChemistryQuantum Chemistry and Molecular SpectroscopyOther than field of SpecializationLab-I/ Thesis/ ProjectTotal15(9)Content than field of SpecializationLab-I/ Thesis/ ProjectTotal15(9)Reaction DynamicsRadiation and Photochemistry	3(3-0) 3(0-3) (9-6) Credit Hours 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(0-3) O-6) Credit Hours 3(3-0) 3(3-0) 3(3-0) 3(3-0)	Major Elective Elective Major Major Major Elective Elective Course Type Major Major Major
3. 4. 5. SEMES' S. No. 1. 2. 3. 4. 5. SEMES' S. No. 1. 2. 3.	CHEM-630 *CHEM-632 CHEM-632 TER-VII (Physica Course Code. CHEM-617 CHEM-619 CHEM-621 *CHEM-621 *CHEM-623 TER-VIII Course Code. CHEM-618 CHEM-620 CHEM-622	Nutritional ChemistryOther than field of SpecializationLab-II/ Thesis/ ProjectTotal15(al Specialization)Electrochemistry and Statistical ThermodynamicsPolymer ChemistryQuantum Chemistry and Molecular SpectroscopyOther than field of SpecializationLab-I/ Thesis/ ProjectTotal15(9)Colloid and PhotochemistryColloid and Surface Chemistry	3(3-0) 3(0-3) (9-6) Credit Hours 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(0-3) O-6) Credit Hours 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(3-0) 3(3-0)	Major Elective Elective Major Major Major Elective Elective Course Type Major Major Major Major
3. 4. 5. SEMES' S. No. 1. 2. 3. 4. 5. SEMES' S. No. 1. 2.	CHEM-630 *CHEM-XXX CHEM-632 TER-VII (Physica Course Code. CHEM-617 CHEM-619 CHEM-621 *CHEM-623 TER-VIII Course Code. CHEM-618 CHEM-618 CHEM-620 CHEM-622 *CHEM-XXX	Nutritional ChemistryOther than field of SpecializationLab-II/ Thesis/ ProjectTotal15(al Specialization)I Specialization)Electrochemistry and Statistical ThermodynamicsPolymer ChemistryQuantum Chemistry and Molecular SpectroscopyOther than field of SpecializationLab-I/ Thesis/ ProjectTotal15(9)Colloid and PhotochemistryColloid and Surface ChemistryOther than field of Specialization	3(3-0) 3(0-3) (9-6	Major Elective Elective Major Major Major Elective Elective Major Major Major Major Major Elective
3. 4. 5. SEMES' S. No. 1. 2. 3. 4. 5. SEMES' S. No. 1. 2. 3. 4.	CHEM-630 *CHEM-632 CHEM-632 TER-VII (Physica Course Code. CHEM-617 CHEM-619 CHEM-621 *CHEM-621 *CHEM-623 TER-VIII Course Code. CHEM-618 CHEM-620 CHEM-622	Nutritional ChemistryOther than field of SpecializationLab-II/ Thesis/ ProjectTotal 15(Al Specialization)Electrochemistry and Statistical ThermodynamicsPolymer ChemistryQuantum Chemistry and Molecular SpectroscopyOther than field of SpecializationLab-I/ Thesis/ ProjectTotal 15(9)Total 15(9)Colloid and PhotochemistryColloid and Surface ChemistryOther than field of SpecializationLab-II/ Thesis/ ProjectTitle of the CourseReaction DynamicsRadiation and PhotochemistryOther than field of SpecializationLab-II/ Thesis/ Project	3(3-0) 3(0-3) 9-6) 9-6) 9-6) 3(3-0) 3(3-0) 3(3-0) 3(0-3) 9-6) 0-6) 0-6) 0-6) 0-6) 0-6) 0-6) 0-6) 0	Major Elective Elective Major Major Major Elective Elective Course Type Major Major Major Major
3. 4. 5. SEMES' S. No. 1. 2. 3. 4. 5. SEMES' S. No. 1. 2. 3. 4. 5. 5.	CHEM-630 *CHEM-632 CHEM-632 TER-VII (Physica Course Code. CHEM-617 CHEM-619 CHEM-621 *CHEM-621 *CHEM-623 TER-VIII Course Code. CHEM-618 CHEM-618 CHEM-618 CHEM-620 CHEM-622 *CHEM-XXX CHEM-624	Nutritional ChemistryOther than field of SpecializationLab-II/ Thesis/ ProjectTotal15(al Specialization)I Specialization)Electrochemistry and Statistical ThermodynamicsPolymer ChemistryQuantum Chemistry and Molecular SpectroscopyOther than field of SpecializationLab-I/ Thesis/ ProjectTotal15(9)Colloid and PhotochemistryColloid and Surface ChemistryOther than field of SpecializationLab-II/ Thesis/ ProjectTotal15(9)Colloid and Surface ChemistryOther than field of SpecializationLab-II/ Thesis/ ProjectTotal15Total15Colloid and Surface ChemistryOther than field of SpecializationLab-II/ Thesis/ ProjectTotal15	3(3-0) 3(0-3) (9-6	Major Elective Elective Major Major Major Elective Elective Major Major Major Major Major Elective
3. 4. 5. SEMES' S. No. 1. 2. 3. 4. 5. SEMES' S. No. 1. 2. 3. 4. 5. 3. 4. 5.	CHEM-630 *CHEM-632 CHEM-632 TER-VII (Physica Course Code. CHEM-617 CHEM-619 CHEM-621 *CHEM-621 *CHEM-623 TER-VIII Course Code. CHEM-618 CHEM-618 CHEM-618 CHEM-620 CHEM-622 *CHEM-XXX CHEM-624	Nutritional ChemistryOther than field of SpecializationLab-II/ Thesis/ ProjectTotal 15(Al Specialization)Electrochemistry and Statistical ThermodynamicsPolymer ChemistryQuantum Chemistry and Molecular SpectroscopyOther than field of SpecializationLab-I/ Thesis/ ProjectTotal 15(9)Total 15(9)Colloid and PhotochemistryColloid and Surface ChemistryOther than field of SpecializationLab-II/ Thesis/ ProjectTitle of the CourseReaction DynamicsRadiation and PhotochemistryOther than field of SpecializationLab-II/ Thesis/ Project	3(3-0) 3(0-3) 9-6) 9-6) 9-6) 3(3-0) 3(3-0) 3(3-0) 3(0-3) 9-6) 0-6) 0-6) 0-6) 0-6) 0-6) 0-6) 0-6) 0	Major Elective Elective Major Major Major Elective Elective Major Major Major Major Major Elective

1.	CHEM-633	Atomic Spectroscopy	3(3-0)	Major
2.	CHEM-635	Electro analytical Techniques	3(3-0)	Major
3.	CHEM-637	Advanced Separation Techniques	3(3-0)	Major
4.	*CHEM-XXX	Other than field of Specialization	3(3-0)	Elective
5.	CHEM-639	Lab-I/ Thesis/ Project	3(0-3)	Elective
		Total	15(9-6)	
CEMEC	FED VIII			

SEMES	I EK-VIII			
S. No.	Course Code.	Title of the Course	Credit Hours	Course Type
1.	CHEM-634	Luminescence Spectroscopy and Thermal Analysis	3(3-0)	Major
2.	CHEM-636	Nuclear Analytical Techniques	3(3-0)	Major
3.	CHEM-638	Food and Drug Analysis	3(3-0)	Major
4.	*CHEM-XXX	Other than field of Specialization	3(3-0)	Elective
5.	CHEM-640	Lab-II/ Thesis/ Project	3(0-3)	Elective
		Total 15(9-6)	

*CHEM-XXX = On the availability of faculty member the course will be Offered from the list of courses other than field of specialization being present in the scheme. LIST OF COURSES OFFERED AT OTHER DEPARTMENTS.

S. No.	Course Code.	Title of the Course	Credit Hours	Course Type
1.	CHEM-301	Fundamental of In-organic chemistry	4(3-1)	Core course
2.	CHEM-303	General Chemistry - I	3(2-1)	General Course
3.	CHEM-302	Fundamental of Organic Chemistry	4(3-1)	Core course
4.	CHEM-401	Environmental Chemistry	4(4-0)	Core course
5.	CHEM-403	Physical Chemistry	3(2-1)	Core Course
6.	CHEM-402	Analytical Chemistry	4(3-1)	Core Course
7.	CHEM-404	Biochemistry	3(2-1)	Core Course
8.	CHEM-406	Industrial Chemistry	3(2-1)	Core Course







Introduction:

The Department of Computer Science aims at providing education and training at all levels to contribute to the national pool of computer scientists that meet the growing demand for computer professionals in the country. The Department was established in 2000 at Govt. Postgraduate and 2006 in BZU Sub-Campus D.G. Khan. Now both of them have been merged into Ghazi University by University Act 2012. As the founding institution for Computer Science education in South Punjab, the Department of Computer Science has played a pioneering role in the advancement of Computer Science education and growth of IT sector in the province. The contributions by the Department in this respect have been wide-ranging and pervasive. Our programs will enable the students to understand the theoretical, conceptual and practical knowledge of computer science and to enable them to build up new competencies. Our curriculum is frequently reviewed, and new courses are commenced due to rapidly evolving discipline. The courses of study in the Computer Science Department for each degree is updated The Department has internal library with a good supply of books and well-equipped and well-furnished laboratories. Access to major research journals and other resources is available through HEC and university subscribed links and accounts.

Objectives:

- ✓ To create the most conducive environment for quality academic and research-oriented education in computer science and Information Technology that prepare the students for a globalized technological society and orient them towards serving the society.
- ✓ To produce computer science graduates to design and develop quality software solutions, be able to work successfully within challenging environments and will be good professionals.

Job Opportunities:

Computer science is a dynamic and rapidly growing area that has become an integral part of the world that we live in today. Having a degree in this field will provide you with a deep understanding of theories and emerging technologies. This knowledge and experience will allow you to develop cutting-edge solutions that address today's challenges. With the fast-changing connected world, computer science is a key area for future careers across the world. The term computing covers every kind of digital technology that we use to create, store, communicate, exchange and use information.

Faculty Members:

1. Dr. Hafiz Gulfam Ahmad Umer Associate Professor and Chairperson Ph.D. hahmad@gudgk.edu.pk



2.	Dr. Muhammad Abubakar Siddique Associate Professor Ph.D. msiddique@gudgk.edu.pk
3.	Mr. Yasir Bhutta Lecturer msyasir@gudgk.edu.pk
4.	Ms. Zaib Un Nisa Khosa Lecturer (Study leave) zkhosa@gudgk.edu.pk
5.	Mr. Shamshad Abbas Lecturer
6.	Mr. Mui-zzud-Din Lecturer
7.	Muhammad Afzal Lecturer

Program:

Degree programs offered at Department of Computer Science and IT:

Sr. No.	Program Name	Duration	Level
1.	BS Information Technology (Morning/Evening)	4 Years	Undergraduate

Eligibility:

Admission conditions / Criteria (Under-graduate BS (4 Year)

 F. Sc. (Pre-Medical/Pre-Engineering/Commerce) with a minimum 2nd Division (45% marks) and 45% marks in Biology/Mathematics/Commerce, Age up to 23 years, Merit, District Quota, Evening / Self-Finance, Sports and Disabled Quota

Semester Breakup:

CEMECTED I

SCHEME OF STUDIES (BS-IT)

SEME:	SIERI			
S. No.	Course Code	Title of the course	Credit Hours	Pre ReQ
1.	CS-301	Introduction to Information and Communication Technologies	3(2-1)	
3.	CS-303	Programming Fundamentals	3(3-0)	
4.	CS-305	Programming Fundamentals Lab	1(0-1)	
5.	MATH-307	Mathematics I (Introduction to Algebra)	3(3-0)	
6.	ENG-307	English-I Functional English	3(3-0)	
7.	PST-301	Pakistan Studies	2(2-0)	

-				
8.	PHY-634	Applied Physics	3(3-0)	
	Total		18(16-2)	
	ESTER II	Title of the course	Credit Hours	
			Credit Hours	-
1. 2	CS-302	Object Oriented Programming	3(3-0)	CS-303
2.	CS-304	Object Oriented Programming Lab	1(0-1)	
3.	CS-306	Discrete Structures	3(3-0)	
4.	IT-302	IT Infrastructure	3(3-0)	
5.	ENG-308	English-II Communication Skills	3(3-0)	
6.	IS-302	Islamic Studies/Ethics	2(2-0)	
7.	MATH-312	Calculus & Analytical Geometry	3(3-0)	
	Total		18(17-1)	
	ESTER III Course Code	Title of the course	Credit Hours	Dre DoO
	CS-401			-
1.		Data Structure and Algorithms	3(3-0)	CS-302
2.	CS-403	Data Structure and Algorithms Lab	1(0-1)	
3.	CS-405	Computer Networks	3(3-0)	
4.	CS-407	Computer Networks Lab	1(0-1)	
5.	CS-409	Software Engineering	3(3-0)	
6.	ENG-409	English-III Technical Writing and Presentation Skills	3(3-0)	
7.	BA-301	Fundamentals of Accounting	3(3-0)	
	Total		17(15-2)	
	ESTER IV	Title of the course	Credit Hours	Pro RoO
1.	CS-402	Operating Systems	3(3-0)	I TC RCQ
1. 2.	CS-402	Operating Systems Lab	1(0-1)	
2. 3.	CS-404 CS-406	Database Systems	3(3-0)	
3. 4.	CS-400	Database Systems Lab	1(0-1)	
5. 6.	IT-410 IT-412	Web Technologies Visual Programming	3(3-0) 3(3-0)	
o. 7.	BA-601	Organizational Behavior	3(3-0)	
/.	Total		17(15-2)	
CEME	ESTER V		17(15-2)	
SEMIE S. No.		Title of the course	Credit Hours	Pre ReO
1.	IT-501	System & Network Administration	3(3-0)	CS-405
2.	IT-503	System & Network Administration Lab	1(0-1)	
3.	IT-505	IT-Project Management	3(3-0)	
4.	IT-507	Web Programing	3(3-0)	
5.	IT-509	Artificial Intelligence	3(3-0)	
	IT-511	Software Requirements Engineering	3(3-0)	
6.	IT-511 STAT-302	Software Requirements Engineering	3(3-0)	
	STAT-302	Software Requirements Engineering Introduction to Probability & Probability Distributions	3(3-0)	
6. 7.	STAT-302 Total			
6. 7. SEMI	STAT-302 Total		3(3-0)	Pre ReO

2.	IT-504	Database Administration & Management Lab	1(0-1)	
3.	IT-506	Mobile Application Development	3(3-0)	
4.	IT-508	Data Science	3(3-0)	
5.	IT-510	Internet of Things	3(3-0)	
6.	CS-512	Information Security	3(3-0)	
	Total		16(15-1)	
SEME	STER VII	<u> </u>	I	I
S. No.	Course Code	Title of the course	Credit Hours	Pre ReQ
1.	BA-404	Financial Management	3(3-0)	
2.	IT-601	Final Year Project- I	3(3-0)	CS-406 & CS 409
3.	IT-603	Virtual System & Services	3(3-0)	
4.	IT-605	Virtual System & Services Lab	1(0-1)	
5.	IT-607	Cloud Computing	3(3-0)	
6.	IT-609	Formal Methods in Software Engineering	3(3-0)	
	Total		16(15-1)	
SEME	STER VIII			4
S. No.	Course Code	Title of the course	Credit Hours	s Pre ReQ
1.	BA-605	Entrepreneurship	3(3-0)	
2.	MATH-411	Operation Research	3(3-0)	
3.	IT-602	Final Year Project- II	3(3-0)	IT-601
4.	IT-604	Cyber Security	3(3-0)	
5.	IT-606	Professional Practices	3(3-0)	
	Total		15(15-0)	

Grand Total: 136 Credit Hours

LIST (OF OTHER CO	URSES OFFERED BY THE DEPERTMENT		
S. No.	Course Code	Title of the course	Credit Hours	Pre ReQ
1.	CS-308	Software Packages	3(2-1)	CS-301
2.	IT-310	Computational Chemistry	2(2-0)	
3.	IT-414	Artistic Design and Computer Graphics	3(3-0)	



-28-



Introduction:

The Department of Mathematics is functional since the Existence of Govt. College in D.G. Khan. The classes of B.S.4-year are running successfully in the Department and there are more than 660 students which are registered with the Department. The vision of the mathematics department is to become a center of mathematics in the region that revives and nourishes the mathematics culture and produces individuals possessing revolutionary and innovative academic records to compete at the national and international level. The philosophy of the department is to educate mathematics in a much more interactive and conceptual point of view. Investigations and conceptual learning allow one to see mathematics being created by oneself. We aim to provide a new generation of innovative researchers and quality teachers to the nation. Our graduates will find numerous opportunities of working at research and teaching institutes in Pakistan and abroad. We provide mathematics instruction to students in a broad range of Graduate and Undergraduate academic programs in the Faculty of Science, Arts, Agricultural Sciences, Management & Social Sciences. The department of mathematics has the privilege of having faculty members consisting of eleven (02) Associate Professors and one (01) Lecturer who graduated from esteemed national and international universities. The faculty members have vast teaching and research experience in diverse areas of the subject.

Objectives:

The objectives of the mathematics department are to graduate qualified cadres who are equipped with insight and research skills in the field of mathematics and to deliver learning opportunities of unmatched breadth and depth by providing an environment where students can learn and become competent users of mathematics and mathematical applications. Moreover, the department will contribute to the development of students as mathematical thinkers, enabling them to become lifelong learners, to continue to grow in their chosen professions, and to function as productive citizens.

Job Opportunities:

- Mathematics helps you to understand the world around you and satisfy your curiosity.
- Studying Mathematics develops your critical thinking and problem-solving skills.
- Mathematicians are versatile, which opens a wide range of future careers.
- Mathematics is a global enterprise and offers you the opportunity to work abroad, or in international research collaborations.
- Mathematics drives technology advancements, impacting society, the environment, and the economy.
- Depending on the concentration that a student selects during the study, various job opportunities are available after degree competition. Some of the most visible ones are top academic and industrial research positions, Software Development, Education Sector, Consultants, and many more.

Faculty Members:

1. Dr. Abdul Ghaffar Associate Professor and Chairperson
Associate Professor and Chairperson
Ph.D.
hod.math@gudgk.edu.pk
2. Dr. Saeed Akram
Associate Professor
Ph.D.
sakram@gudgk.edu.pk
3. Dr. Moin ud Din Janjua
Assistant Professor
Ph.D.
4. Dr. Abdul Rauf Khan
Assistant Professor
Ph.D.
5. Dr. Aqeel Ahmed
Assistant Professor
Ph.D.
6. Dr. Sadia Sattar
Assistant Professor
Ph.D.
7. Dr. Nasreen Kausar
Lecturer
M.Phil.
8. Mr. Syed Farooq Ahmed Shah
M.Phil. Lecturer
sfarooq@gudgk.edu.pk
9. Ms. Khizra Bakhsh
Lecturer
M.Phil.
10. Mr. Abrar Ahmad
Lecturer
M.Phil.
11. Mr. Muhammad Shoaib
Lecturer
M.Phil.

Program:

Sr. No.	Program Name	Duration	Level
1.	BS Mathematics	4 Years	Undergraduate

Eligibility:

Admission conditions / Criteria (Under-graduate BS (4 Year)

• F. Sc. (Pre-Engineering) with a minimum 2nd Division (45% marks) and 45% marks in Mathematics, Age up to 23 years, Merit, District Quota, Evening / Self-Finance, Sports and Disabled Quota

Semester Breakup:

SCHEME OF STUDIES (BS MATHEMATICS)

SEMES	STER I				
S. No.	Course Code	Title of the course	Credit Hours	Pre- Req.	Course Type
1.	ENG-307	English-I Functional English	3(3-0)		Compulsory
2.	IS-302	Islamic Studies/Ethics	2(2-0)		Compulsory
3.	PHY-301	Mechanics-1	3(3-0)		General
4.	CS-301	Introduction to Information and Communication Technologies	3(2-1)		Compulsory
5.	MATH-301	Calculus-I	4(4-0)		Foundation
6.	MATH-303	Elements of Set Theory and Mathematical Logic	3(3-0)		Compulsory
	Total		18(17-1)		
	STER II				1-
S. No.	Course Code	Title of the course		Pre- Req.	Course Type
1.	CS-308	Software Packages	3(2-1)		General
2.	STAT-301	Introduction to Statistics	3(3-0)		General
3.	ENG-308	English-II Communication Skills	3(3-0)		Compulsory
4.	PST-301	Pakistan Studies	2(2-0)		Compulsory
5.	PHY-402	Heat & Thermodynamics	3(3-0)		General
6.	MATH-302	Calculus-II	4(4-0)	MATH-301	Foundation
	Total		18(17-1)		
SEMES	STER III				
S. No.	Course Code	Title of the course	Credit Hours	Pre- Req.	Course Type
1.	PHY-404	Modern Physics	3(3-0)		General
2.	ENG-409	English-III Technical Writing and Presentation Skills	3(3-0)		Compulsory
3.	CS-303	Programming Fundamentals	3(3-0)		General
4.	MATH-401	Calculus-III	4(4-0)	MATH-302	Foundation
5.	MATH-403	Algebra-I (Group Theory)	3(3-0)		Foundation
	Total		16(16-0)		
-	STER IV				
S. No.	Course Code	Title of the course		Pre- Req.	Course Type
1.	PSY-301	Introduction to Psychology	3(3-0)		General
2.	FLA-301	Foreign Language Arabic	3(3-0)		Compulsory
3.	BA-605	Entrepreneurship	3(3-0)		General
4.	MATH-402	Linear Algebra	3(3-0)		Foundation
5.	MATH-404	Affine and Euclidean Geometry	3(3-0)		Foundation
6.	MATH-406	Discrete Mathematics	3(3-0)		Compulsory
	Total		18(18-0)		
SEMES	STER V				
S. No.	Course Code	Title of the course	Credit Hours	Pre- Req.	Course Type
1.	MATH-501	Algebra-II	3(3-0)	MATH-403	Foundation
2.	MATH-503	Real Analysis-I	3(3-0)	MATH-301	Major
3.	MATH-505	Topology	3(3-0)		Major
э.	MAI H-505	l ohoiogà	ə(ə-0)		Major

and the second second

4.	MATH-507	Ordinary Differential Equations	3(3-0)	MATH-301	Foundation
5.	MATH-509	Differential Geometry	3(3-0)		Major
	Total		15(15-0)		
SEMES	STER VI	1			
S. No.	Course Code	Title of the course	Credit Hours	Pre- Req.	Course Type
1.	MATH-502	Complex Analysis	3(3-0)		Foundation
2.	MATH-504	Real Analysis-II	3(3-0)	MATH-503	Major
3.	MATH-506	Classical Mechanics	3(3-0)		Major
4.	MATH-508	Partial Differential Equations	3(3-0)	MATH-507	Major
5.	MATH-510	Functional Analysis	3(3-0)	MATH-503	Major
	Total		15(15-0)		•
SEMES	TER VII				
S. No.	Course Code	Title of the course	Credit Hours	Pre- Req.	Course Type
1.	MATH-601	Numerical Analysis	4(3-1)	MATH-301, MATH-402	Major
2.	MATH-603	Number Theory	3(3-0)	MATH-402	Major
3.	MATH-605	Mathematical Methods	3(3-0)	MATH-401	Major
4.	MATH-XXX	Elective-I	3(3-0)		Elective
5.	MATH-XXX	Elective-II	3(3-0)		Elective
	Total		16(15-1)		
	STER VIII				
S. No.	Course Code	Title of the course	Credit Hours	Pre- Req.	Course Type
1.	MATH-602	Probability Theory	3(3-0)	STAT-302	Major
2.	MATH-604	Integral Equations	3(3-0)	MATH-507	Foundation
3.	MATH-606 OR MATH-608	Research Project/Report OR Theory of Spline Functions	3(3-0)		Major
4.	MATH-XXX	Elective-III	3(3-0)		Elective
5.	MATH-XXX	Elective-IV	3(3-0)		Elective
	Total		15(15-0)	·	
Total (Credit Hours		131		

General Courses for BS Mathematics

The courses G-1, G-2, G-3 and G-4 may be chosen from following titles. This list may be extended by consent of the Board of Studies keeping in view the availability of expertise in the University.

Semester 1	Semester 2	Semester 3	Semester 4
PHY-301 Physics-I (Mechanics-I)	PHY-402 Physics-II (Heat and Thermodynamics)	PHY-404 Modern Physics	PSY-301 Introduction to Psychology

Elective paper will be selected from the following courses

Course Code	Course Title	Credit Hours
MATH-609	Introduction to Vector and Tensor Analysis	3(3-0)
MATH-611	Operation Research	3(3-0)
MATH-612	Mathematical Spaces	3(3-0)
MATH-613	Modeling and Simulation	3(3-0)
MATH-614	Advanced Complex Analysis	3(3-0)
MATH-615	History of Mathematics	3(3-0)
MATH-616	Graph Theory	3(3-0)
MATH-617	Measure Theory-I	3(3-0)
MATH-618	Measure Theory-II	3(3-0)

MATH-619	Abstract Algebra	3(3-0)
MATH-620	Theory of Modules	3(3-0)
MATH-621	Category Theory-I	3(3-0)
MATH-622	Algebraic Topology	3(3-0)
MATH-623	Analytical Number Theory	3(3-0)
MATH-624	Astronomy-I (Spherical Astronomy)	3(3-0)
MATH-625	Astronomy-II (Celestial observation and corrections)	3(3-0)
MATH-626	Fluid Mechanics-I	3(3-0)
MATH-627	Fluid Mechanics-II	3(3-0)
MATH-630	Relativity-I (Special Theory)	3(3-0)
MATH-631	Relativity-II (General Theory)	3(3-0)
MATH-633	Solid Mechanics	3(3-0)
MATH-634	Heat Transfer	3(3-0)
MATH-635	Analytical Dynamics	3(3-0)
MATH-636	Control Theory	3(3-0)
MATH-637	Calculus of Variations and Optimal Control	3(3-0)
MATH-638	Matrix Computation	3(3-0)
MATH-639	Theory of Automata	3(3-0)
MATH-640	Advanced Numerical Analysis	3(3-0)
MATH-641	Special Function	3(3-0)
MATH-642	Optimization Theory	3(3-0)
MATH-643	Numerical Methods	3(3-0)
PHY-504	Quantum Mechanics-I	3(3-0)
PHY-601	Quantum Mechanics-II	3(3-0)
STAT-630	Mathematical Statistics	3(3-0)

List of Courses for other Departments

S. No.	Course Code	Title of the course	Credit Hours
1.	MATH-304	Calculus & Analytical Geometry	3(3-0)
2.	MATH-305	Basic Mathematics	3(3-0)
3.	MATH-307	Mathematics I (Introduction to Algebra)	3(3-0)
4.	MATH-309	Business Mathematics	3(3-0)
5.	MATH-310	Mathematics II (Introduction to Calculus)	3(3-0)
6.	MATH-407	Mathematics III (Introduction to Geometry)	3(3-0)





Introduction:

The Department of Physics has been established under the Faculty of Science in 2014. The Department offers different graduate and undergraduate degree programs in physics which are approved from Higher Education Commission (HEC) Pakistan. These programs are designed primarily for the students who want to prepare the career path which takes advantage of the diverse and expanding opportunities in industries, strategic organization and universities. The designed curricula for these programs provide a solid foundation in the concepts of physics as well as giving the students the experience and understanding of application of these concepts. The Department of Physics aims to produce physics graduates with sound knowledge of basic and applied physics. The graduates with ability and skills to understand and tackle the research problems in advanced areas of science and technology. The graduates from Physics department are equipped with the necessary skills and competence which is required in the major research and technical organizations like the NESCOM, NDC, PAEC, KRL etc. The Department focusses on the researchoriented education, collaborative research groups, seminars, workshops and international conferences that's why the produced physicists have well- matched rationale to deal with fundamental constituents of the observable universe from macroscopic to sub-microscopic level. Our faculty uses state-of-the-art pedagogical methods and materials aided with well- equipped labs and the latest inventory, thus preparing the students for independent research projects as well as their absorption in top-level organizations. Currently, there are more than 700 students enrolled in the department. We believe in continuous efforts in education and innovation to build DOP into a training base for outstanding talents in physics and relevant scientific research and high-quality research-oriented teachers. DOP believes the expansion of the Department into School (School of Physics) is indispensable; to cater the growing intellectual needs of students and to advance the level of graduates.

Objectives:

The aim of the department is to produce the graduates having caliber, knowledge and skills which are needed for development of country. Department of physics aims to pursue excellence in physics through teaching and research. Physics, being the key fields of sciences, deals with the core concepts of physics as well as their application in different fields. It is a diversified field which gives birth to many other disciplines over the decades, such as Electronics, Material Sciences, and Engineering etc.

Job Opportunities:

Reasons to study physics at university?

- 1. Physics helps you to understand the world around you and satisfy your curiosity.
- 2. Studying physics develops your critical thinking and problem-solving skills.
- 3. Physicists are versatile, which opens a wide range of future careers.
- 4. Physics is a global enterprise and offers you the opportunity to work abroad, or in international research collaborations.
- 5. Physics drives technology advancements, impacting society, the environment and the economy.

Faculty Members:

1.	Dr. Zafar Wazir Associate Professor and Chairperson Ph.D. hod.phy@gudgk.edu.pk
2.	Dr. Muhammad Rashid Associate Professor Ph.D. mrashid@gudgk.edu.pk
3.	Dr. Khalid Mehmood ur Rehman Assistant Professor Ph.D.
4.	Mr. Muhammad Waqas Nafees Lecturer M.Phil.
5.	Mr. Abdul Qadoos Lecturer M.Phil.
6.	Mr. Muhammad Nasir Naeem <i>Lecturer</i> M.Phil.

Program:

Sr. No.	Program Name	Duration	Level
1.	BS Physics	4 Years	Undergraduate

Eligibility:

Admission conditions / Criteria (Undergraduate BS (4 Year)

F. Sc. (Pre-Engineering) with a minimum 2nd Division (45% marks) and 45% marks in Mathematics, Age up to 23 years, Merit, District Quota, Evening / Self-Finance, Sports and Disabled Quota

Semester Breakup:

SCHEME OF STUDIES (BS PHYSICS)

	SEMESTER I				
S. No.	Course Code	Title of the course	Credit Hours		
1.	ENG-307	English-I (Functional English)	3(3-0)		
2.	PST-301	Pakistan Studies	2(2-0)		
3.		Introduction to Information and Communication Technologies	3(2-1)		
4.	MATH-307	Mathematics I (Introduction to Algebra)	3(3-0)		
5.	STAT-301	Introduction to Statistics	3(3-0)		

ó.	PHY-301	Mechanics-1	3(3-0)
7.	PHY-303	Lab I: Mechanics	1(0-1)
	Total		18(16-2)
	-	SEMESTER II	
		e Title of the course	Credit Hours
1.	ENG-308	English-II (Communication Skills)	3(3-0)
2.	IS-302	Islamic Studies/Ethics	2(2-0)
3.	SOC-301	Introduction to Sociology	3(3-0)
4.	MATH-310	Mathematics II (Introduction to Calculus)	3(3-0)
5.	PHY-302	Mechanics-II	3(3-0)
6.	PHY-304	Electricity & Magnetism	3(3-0)
7.	PHY-306	Lab II: Electricity and Magnetism	1(0-1)
	Total		18(17-1)
		SEMESTER III	
		e Title of the course	Credit Hours
1.	ENG-409	English-III (Technical Writing and Presentation Skills)	3(3-0)
2.	MATH-407	Mathematics III (Introduction to Geometry)	3(3-0)
3.	STAT-401	Basic Statistical Inference	3(3-0)
4.	EDU-301	Introduction to Education	3(3-0)
5.	PHY-401	Waves and Oscillation	3(3-0)
6.	PHY-403	Lab III: Waves and Oscillation	1(0-1)
	Total		16(15-1)
C N-	Course Code	SEMESTER IV	Creedite II come
		Title of the course	Credit Hours
1.	FLA-301	Foreign Language Arabic	3(3-0)
2.	MATH-507	Ordinary Differential Equations	3(3-0)
3.	BA-507	Human Resource Management	3(3-0)
4.	PHY-402	Heat & Thermodynamics	3(3-0)
5.	PHY-404	Modern Physics	3(3-0)
5.	PHY-406	Lab IV: Modern Physics	1(0-1)
	Total		16(15-1)
S No	Course Cod	SEMESTER V eTitle of the course	Credit Hours
1.	PHY-501	Mathematical Methods of Physics- I	3(3-0)
2.	PHY-503	Electromagnetic Theory-I	3(3-0)
2. 3.	PHY-505	Classical Mechanics	3(3-0)
з. 4.	PH1-505 PHY-507	Computational Physics	3(3-0)
4. 5.	PHY-507 PHY-509	Electronics-I	3(3-0)
5. 6.	PHY-509 PHY-511	Lab-V Electronics	2(0-2)
0.			
	Total	CEMECTED VI	17(15-2)
S. No	Course Cod	SEMESTER VI eTitle of the course	Credit Hours
1.	PHY-502	Mathematical Methods of Physics- II	3(3-0)
* •		-	
	PHY-504	Quantum Mechanics-I	513-01
2. 3.	PHY-504 PHY-506	Quantum Mechanics-I Electromagnetic Theory-II	3(3-0) 3(3-0)

4.	PHY-508	Optics	3(3-0)
5.	PHY-510	Electronics-II	3(3-0)
6.	PHY-512	Lab-VI: Optics	2(0-2)
	Total		17(15-2)
		SEMESTER VII	
S. No	. Course Cod	e Title of the course	Credit Hours
1.	PHY-601	Quantum Mechanics-II	3(3-0)
2.	PHY-603	Nuclear Physics	3(3-0)
3.	PHY-605	Solid State Physics-I	3(3-0)
4.	PHY-607	Atomic & Molecular Physics	3(3-0)
5.	PHY-609	Statistical Physics	3(3-0)
6.	PHY-611	Lab-VII: Spectroscopy	2(0-2)
	Total		17(15-2)
		SEMESTER VIII	
S. No.	Course Code	Title of the course	Credit Hours
1.	PHY-602	Solid State Physics-II	3(3-0)
2.	PHY-XXX	Elective-I	3(3-0)
3.	PHY-XXX	Elective-II	3(3-0)

	Total		15(12-3)
5.	PHY-699	Research Project/Report	3(0-3)
4.	PHY-XXX	Elective-III	3(3-0)
3.	PHY-XXX	Elective-II	3(3-0)
2.	PHY-XXX	Elective-I	3(3-0)

-37-

Grand Total: 134 Credit Hours

S. No.	Course No.	Title of the course	Credit Hours
1.	PHY-608	Introduction to Materials Science	3(3-0)
2.	PHY-610	Introduction to Nanoscience and Nanotechnologies	3(3-0)
3.	PHY-612	Particle Physics	3(3-0)
4.	PHY-614	Plasma Physics	3(3-0)
5.	PHY-616	Laser Physics	3(3-0)
6.	PHY-618	Introduction to Photonics	3(3-0)
7.	PHY-620	Environmental Physics	3(3-0)
8.	PHY-622	Quantum Information Theory	3(3-0)
9.	PHY-624	Surface Physics	3(3-0)
10.	PHY-626	Digital Electronics	3(3-0)
11.	PHY-628	Nanomaterials and Applications	3(3-0)
12.	PHY-630	Physics at Nanoscale	3(3-0)
13.	РНҮ-632	Methods of Experimental Physics	3(3-0)
14.	PHY-634	Applied Physics	3(3-0)





Introduction:

The Department of Statistics is functional Since the Existence of Govt. College in D.G. Khan in 1945. The Present Department of Statistics was established in 2013. In 2010, Higher Education Department started B.S. 4-year Program in 26 Colleges of the Punjab and Govt. P.G. College D.G. Khan was among one of them. Now the classes of B.S-4-year Programs are running successfully in the Department. The development in 21st century has resulted in an immense importance of Statistics. Statistics provides well-developed methods for optimization and efficient decision-making, which makes it the most widely used subject with applications in almost all the areas. The graduates of Statistics have a wide range of national and international job opportunities. Our graduates are serving in public as well as in private sector. The job opportunities are available in teaching sector, bureau of statistics, banks, hospitals, planning & development departments, chambers of commerce & industry, research & development organizations, and marketing research companies.

Objectives:

The basic objective of the Department of Statistics is to provide quality education with the aim of producing trained and skilled statisticians, in various fields of Statistics through class teaching, research and outreach activities. Our mission is to train our students with the modern statistical knowledge and to prepare them for the challenges of modern world.

Faculty Members:

1.	Dr. Imdad Ullah
	Assistant Professor
	Ph.D.
2.	Mr. Nayyar Munir
	Lecturer
	M.Phil.
3.	Mr. Muhammad Ali
	Lecturer
	M.Phil.
4.	Mr. Mirza Touqeer Baig
	Lecturer
	M.Phil.
5.	Ms. Sidra Hafeez
	Lecturer
	M.Phil.

Program:			
Sr. No.	Program Name	Duration	Level
1.	BS Statistics	4 Years	Undergraduate

Eligibility:

Admission conditions / Criteria (Under-graduate BS (4 Year)

• F. Sc. (Pre-Engineering) with a minimum 2nd Division (45% marks) and 45% marks in Mathematics, Age up to 23 years, Merit, District Quota, Evening / Self-Finance, Sports and Disabled Quota

Semester Breakup:

SCHEME OF STUDIES (BS STATISTICS)

SEME	STER I			
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	STAT-301	Introduction to Statistics	3(3-0)	Foundation
2.	PST-301	Pakistan Studies	2(2-0)	Compulsory
3.	ENG-307	English-I Functional English	3(3-0)	Compulsory
4.	MATH-307	Mathematics I (Introduction to Algebra)	3(3-0)	Compulsory
5.	CS-301	Introduction to Information and Communication Technologies	3(2-1)	Compulsory
6.	BA-403	Principles of Management	3(3-0)	General
	Total		17(16-1)	
-	STER II	-		
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	STAT-302	Introduction to Probability & Probability Distributions	3(3-0)	Foundation
2.	MATH-310	Mathematics II (Introduction to Calculus)	3(3-0)	Compulsory
3.	IS-302	Islamic Studies/ Ethics	2(2-0)	Compulsory
4.	ENG-308	English-II Communication Skills	3(3-0)	Compulsory
5.	ECON-303	Introduction to Economics	3(3-0)	General
6.	PSY-301	Introduction to Psychology	3(3-0)	Compulsory
	Total		17(17-0)	
	STER III	-		-
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	STAT-401	Basic Statistical Inference	3(3-0)	Foundation
2.	ENG-409	English-III Technical Writing and Presentation Skills	3(3-0)	Compulsory
3.	MATH-407	Mathematics III (Introduction to Geometry)	3(3-0)	Compulsory
4.	BA-507	Human Resource Management	3(3-0)	General
5.	SOC-301	Introduction to Sociology	3(3-0)	General
6.	EDU-301	Introduction to Education	3(3-0)	General
	Total		18(18-0)	
	STER IV	· · · · · · · · · · · · · · · · · · ·		1
S. No.	Course Code	Title of the course	Credit Hours	Course Type

1.	STAT-402	Introduction to Regression and Analysis of Variance	3(3-0)	Foundation
2.	STAT-404	Biostatistics	3(3-0)	Foundation
3.	STAT-406	Applied Statistics	3(3-0)	Foundation
4.	ECON-505	Mathematical Economics	3(3-0)	General
5.	MATH-507	Ordinary Differential Equation	3(3-0)	General
6.	ENG-410	Academic Reading and Writing	3(3-0)	
	Total		18(18-0)	
SEMI	ESTER V	1		
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	STAT-501	Probability Distributions-I	3(3-0)	Foundation
2.	STAT-503	Sampling Techniques-I	3 (3-0)	Foundation
3.	STAT-505	Design and Analysis of Experiments-I	3 (3-0)	Major
4.	STAT-507	Econometrics-I	3 (3-0)	Major
5.	STAT-509	Statistical Quality Control	3(3-0)	Major
	Total		15(15-0)	
SEMI	ESTER VI	1		
S. No	Course Code	Title of the course	Credit Hours	Course Type
1.	STAT-502	Probability Distributions-II	3(3-0)	Major
2.	STAT-504	Sampling Techniques-II	3(3-0)	Major
3.	STAT-506	Design and Analysis of Experiments-II	3(3-0)	Major
4.	STAT-508	Econometrics-II	3(3-0)	Major
5.	STAT-510	Population Studies	3(3-0)	Major
	Total		15(15-0)	•
SEMI	ESTER VII			
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	STAT-601	Statistical Inference-I	3(3-0)	Major
2.	STAT-603	Statistical Packages-I	3(3-0)	Major
3.	STAT-605	Applied Multivariate Analysis	3 (3-0)	Major
4.	STAT-607	Survey and Research Methods	3(3-0)	Major
5.	STAT-609	Regression Analysis	3(3-0)	Major
	Total		15(15-0)	
	ESTER VIII			
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	STAT-602	Statistical Inference-II	3(3-0)	Major
2	STAT-604	Statistical Packages-II	3(3-0)	Major
3	STAT-606	Research Project	6 (0-6)	Elective
4.		Elective-I	3(3-0)	Elective
5.		Elective-II	3(3-0	Elective
	Total		18(12-6)	
	Ň	lote: Students have to choose Research Project or the	two elective cou	ırses.
Tata		s for BS-Statistics (4-Years) = 133		

Total credit hours for BS-Statistics (4-Years) = 133 OPTIONAL COURSES

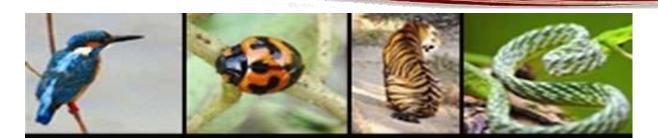
S. No.Course No.Title of the courseCredit Hours1.STAT-608Epidemiology3(3-0)2.STAT-610Official Statistics3(3-0)

3.	STAT-612	Decision Theory	3(3-0)
4.	STAT-614	Time Series Analysis and Forecasting	3(3-0)
5.	STAT-616	Multivariate Analysis	3(3-0)
6.	STAT-618	Non-parametric Statistics and Categorical Data	3(3-0)
7.	STAT-620	Stochastic Process	3(3-0)
8.	STAT-622	Operations Research	3(3-0)
9.	STAT-624	Bayesian Inference	3(3-0)
10.	STAT-626	Survival Analysis	3(3-0)
11.	STAT-628	Spatial Data Analysis	3(3-0)

LIST OF COURSES FOR OTHER DEPARTMENTS OFFERED BY THE DEPERTMENT OF STATISTICS

S. No.	Course No.	Title of the course	Credit Hours
1.	STAT-301	Introduction to Statistics	3(3-0)
2.	STAT-302	Introduction to Probability & Probability Distributions	3(3-0)
3.	STAT-401	Basic Statistical Inference	3(3-0)
4.	STAT-402	Introduction to Regression and Analysis of Variance	3(3-0)
5.	STAT-404	Biostatistics	3(3-0)
6.	STAT-406	Applied Statistics	3(3-0)
7.	STAT-408	Mathematical Statistics	3(3-0)
8.	STAT-629	Statistics for Sciences	3(3-0)
		MS/M Phil/PhD Courses	·
9.	STAT-701	Experimental Statistics-I	3(3-0)
10.	STAT-702	Experimental Statistics-II	3(3-0)





Department of Zoology



Introduction:

The Department of Zoology is offering B.S., M.Sc. and M.Phil. degree programs. The degree programs in biological sciences are designed to be flexible in order to meet the needs of students which includes botany, zoology and chemistry. The undergraduate students are enlightened with sub-discipline of zoology such as Microbiology, Wildlife and Conservation, Parasitology, Reproductive Physiology/Endocrinology, Developmental Biology, Aquaculture, Fisheries, Animal Physiology, Paleontology and Environmental Biology. The laboratories are designed for conduction of practical work according to the curriculum approved by the academic council of the university. The department is committed to put efforts for the development of ethical values and professional skills among graduates. Our qualified graduates will be compatible to get opportunities in diverse range of professions such as education, research and relevant administrative positions. On the other hand, zoologist have the capability to work independently in different organizations and departments such as the Health, Forest, Fisheries, Wildlife, Agriculture and Animal Husbandry, etc. After B.Sc. (Hons.) 4 years, a zoology graduate has a wide experience and capabilities to serve or learn further in education, health, agriculture industry and environment departments. A designated high-level faculty, full of ingenuity and enthusiasm, is the vital force of the department. Our laboratories are well equipped with modern instruments, a well-prepared classroom and a large library, offers students the best possible facilities in their academic activities. All faculty members use and practice their abilities to the maximum with an emphasis on active learning. In order to share research facilities for the educational and professional development of students with educational needs, providing the highest level of training and research at globally recognized level MS/M.Phil. The main research areas of the department are Paleontology, Fisheries, Human Genetics, Biotechnology, Parasitology, Entomology, Ecology, Systematics and Nano Sciences.

Objectives:

The Objectives of department of zoology is to promote undergraduate, graduate and post graduate students in education and research. Our understanding of how animals function and interact has grown explosively in recent years. New biological insights flood the media and influence everything from medical care to global politics. We in the Zoology department address major biological questions through our research: To achieve excellence in teaching, research and extension education in Zoology and its sub-disciplines

- To offer a modular course of lectures and associated seminars, research projects and practical classes, supported by supervisions where appropriate.
- To provide professional training in effective verbal and written communication skills.
- To produce globally competitive graduates and postgraduates in Zoology

Job Opportunities:

Zoology makes a huge impact on our world through the scientific study of the evolution, anatomy, physiology, behavior, habitats, and health of animals and humans. It includes diverse approaches such as electron microscopy, molecular genetics, and field ecology. By studying animals, we develop a better understanding of how we, ourselves, function and interact with the world around us. The search for answers to our questions puts us in the incredible position of being able to affect change, empower better choices, and develop solutions for a stronger, healthier world. Animals on the verge of extinction, people in need of medical care; from seemingly small, to the very large.

Faculty Members:

1.	Dr. Khezir Sami Ullah
	Associate Professor and Chairperson
	Ph.D.
	Hod.zool@gudgk.edu.pk
2.	Dr. Asma Naureen
	Assistant Professor
	Ph.D.
3.	Dr. Inayat Ullah
	Assistant Professor
	Ph.D.
4.	Mr. Muhammad Farooq
	Lecturer
	mfarooq@gudgk.edu.pk
5.	Ms. Irish Atiq
	Lecturer
	M.Phil.
6.	Mr. Rana Mehroz Fazal
	Lecturer
	M.Phil.
7.	Mr. Sehrish Ashraf
	Lecturer
	M.Phil.

Program:

Sr. No.	Program Name	Duration	Level
1.	BS Zoology	4 Years	Undergraduate
2.	M.Phil. Zoology (Morning/evening)	2 Years	Postgraduate

Eligibility:

Admission conditions / Criteria (Under-graduate BS (4 Year)

- F. Sc. (Pre-Medical) with a minimum 2nd Division (45% marks) and 45% marks in Biology, Age up to 23 years, Merit, District Quota, Evening / Self-Finance, Sports and Disabled Quota
- For admission in M.Phil. program, applicant should have a minimum score of 50% in GAT-General

OR

• 60% in Ghazi University Departmental Test

Semester Breakup:

SCHEME OF STUDIES (BS ZOOLOGY)

SEMES	TER I			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ENG-307	English –I Functional English	3(3-0)	Compulsory
2.	MATH-307	Mathematics I (Introduction to Algebra)	3(3-0)	Compulsory
3.	BOT-301	Diversity of Plants	4(3-1)	General
4.	CHEM-301	Fundamental of In-organic chemistry	4(3-1)	General
5.	Z00L-301	Animal Diversity-I Invertebrates	4(3-1)	Foundation
	Total		18(15-3)	
SEMES	TER II			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ENG-308	English –II Communication Skills	3(3-0)	Compulsory
2.	BOT-302	Plants Systematics Anatomy and Development	4(3-1)	General
3.	CHEM-302	Fundamental of Organic Chemistry	4(3-1)	General
4.	ZOOL-302	Animal Diversity- II Chordates	4(3-1)	Foundation
5.	Z00L-304	Cell Biology	3(2-1)	Foundation
	Total		18(14-4)	
SEMES	TER III			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ENG-409	English –III Technical Writing and Presentation Skills	3(3-0)	Compulsory
2.	PST-301	Pakistan Studies	2(2-0)	Compulsory
3	CS-301	Introduction to Information and Communication Technologies	3(2-1)	Compulsory
4	BOT-401	Cell Biology, Genetics and Evolution	4(3-1)	General
5	CHEM-403	Physical Chemistry	3(2-1)	General
6	ZOOL- 401	Animal Form and Function-I	3(2-1)	Foundation
	Total		18(14-4)	·
	TER IV	-		
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	PSY-301	Introduction to Psychology	3(3-0)	General
2.	IS-302	Islamic Studies/Ethics	2(2-0)	Compulsory
2.	Z00L-402	Biological basis of Behaviour	2(2-0)	General
3.	Z00L-404	Animal Behavior	2(2-0)	Major
4.	Z00L-406	Biochemistry –I	3(2-1)	Foundation
5.	Z00L-408	Biological Techniques	2(1-1)	Major
6.	Z00L-410	Animal Form and Function -II	3(2-1)	Foundation
	Total		17(14-3)	
SEMES	TER V			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ZOOL-501	Economic Zoology	3(2-1)	Foundation
2.	ZOOL-503	Biochemistry- II	3(2-1)	Foundation
3.	ZOOL-505	Physiology	4(3-1)	Major

4.	ZOOL-507	Ecology	4(3-1)	Major
5.	ZOOL-509	Evolution	3(2-1)	Foundation
	Total		17(12-5)	
	STER VI			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ZOOL-502	Zoogeography and Paleontology	3(2-1)	Major
2.	ZOOL-504	Lab and Biosafety	2(1-1)	Compulsory
3.	ZOOL-506	Developmental Biology	4(3-1)	Major
4.	ZOOL-508	Genetics	4(3-1)	Major
5.	ZOOL-510	Wildlife	3(2-1)	Major
	Total		16(11-5)	
	STER VII		1	1
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ZOOL-601	Special Paper –A1/Thesis	3(2-1)/3(0-3)	Major
2.	ZOOL-603	Biostatistics	3(2-1)	Compulsory
3.	ZOOL-605	Principles of Systematics	3(2-1)	Foundation
4.	ZOOL-607	Introduction to Biotechnology	2(2-0)	General
5.	ZOOL-609	Bioinformatics	2(1-1)	Major
6.	Z00L-611	Molecular Biology	3(2-1)	Major
Note: S	Special Paper –I/A	will be selected from provided list of e	lective courses.	
	Total		16(11-5/9-7)	
	STER VIII			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ZOOL-602	Special Paper –A2/Thesis	3(2-1)/3(0-3)	Major
2.	ZOOL-604	Research Methodology	2(1-1)	Major
3.	ZOOL-	Elective –I	3(2-1)	Elective
4.	ZOOL-	Elective –II	3(2-1)	Elective
5.	ZOOL-	Elective –III	3(2-1)	Elective
6.	ZOOL-	Elective –IV	3(2-1)	Elective
Note [,] F	Four Elective Cour	ses and Special Paper –A2 will be selec	ted from provided list	of elective course

LIST OF ELECTIVE COURSES/SPECIAL COURSES

ZOOL-606 Aquaculture ZOOL-608 Vertebrate Paleontology ZOOL-610 Comparative Developmental Biology ZOOL-612 Conservation of Biology ZOOL-614 General and Comparative Endocrinology ZOOL-616 Entomology-I (Insect Biology, Physiology and Ecology) ZOOL-618 Entomology-II (Classification of Insects and Pest Management) ZOOL-620 Environmental Issues ZOOL-622 Environmental Pollution ZOOL-624 Epidemiology and Public Health ZOOL-626 Epidemiology of Parasitic Diseases ZOOL-628 Fish Physiology and Breeding ZOOL-630 Principles of Fish Biology ZOOL-632 Fish Ecology ZOOL-634 General Microbiology

ZOOL-636 Immunology ZOOL-638 Invertebrate Palaeontology ZOOL-640 Mammalogy **ZOOL-642 Molecular Genetics** ZOOL-644 Basic Human Genetics ZOOL-646 Neurobiology ZOOL-648 Ornithology ZOOL-650 Parasitology-I ZOOL-652 Parasitology-II **ZOOL-654** Applied Fisheries ZOOL-656 Quantitative Zoology ZOOL-658 Taxidermy ZOOL-660 Herpetology ZOOL-662 Behavioural Ecology ZOOL-664 Insect of Medical and Veterinary Importance ZOOL-666 Limnology ZOOL-668 Protozoology and Immunology **ZOOL-670 Reproductive Biology** ZOOL-672 Techniques in Fisheries Research

LIST OF COURSES FOR OTHER DEPARTMENT

Sr. No.	Course Code	Course Title	Credit Hours
1.	ZOOL-303	Principle of Animal life-I	3(2-1)
2.	ZOOL-306	Principle of Animal life-II	3(2-1)
3.	BIO-301	Functional Biology	3(2-1)
4.	BIO-302	Diversity of Life	3(2-1)
5.	GS-301	General Science	3(3-0)

MODEL SCHEME OF STUDIES FOR M. Phil ZOOLOGY (2 YEARS)

FALL -2021 and Onward						
Course Code	Course Title	Credit Hrs.	Course Type			
Z00L-701	Applied Biostatistics	3(2-1)	Compulsory			
ZOOL-702	Univ. Option	3(2-1)	Elective			
ZOOL-703	Univ. Option	3(2-1)	Elective			
ZOOL-704	Univ. Option	3(2-1)	Elective			
Semester-II	Semester-II					
Course Code	Course Title	Credit Hrs.	Course Type			
ZOOL-705	Advanced Analytical Techniques	3(2-1)	Compulsory			
ZOOL-706	Univ. Option	3(2-1)	Elective			
ZOOL-707	Univ. Option	3(2-1)	Elective			
ZOOL-708	Univ. Option	3(2-1)	Elective			
Semester-III & IV						
Course Code	Course Title	Credit Hrs.	Course Type			
ZOOL-797	Research and Thesis	6(0-6)	Compulsory			

LIST OF ELECTIVE COURSES FOR UNIVERSITY OPTIONAL COURSES M. PHIL ZOOLOGY

Course Code	Course Title	Course Type
ZOOL-709	Molecular Entomology	Elective
ZOOL-710	Advanced Research Methodology	Elective
Z00L-711	Toxicology	Elective
Z00L-712	Biological Toxicology	Elective
Z00L-713	Applied Microbiology	Elective
Z00L-714	Medical Biotechnology	Elective
Z00L-715	Medical Microbiology	Elective
Z00L-716	Medical Parasitology	Elective
Z00L-717	Applied Genetics	Elective
Z00L-718	Bacterial Genetics	Elective

ZOOL-719	Human Genetics	Elective
ZOOL-720	Recombinant DNA Technology	Elective
Z00L-721	Molecular Physiology	Elective
Z00L-722	Fish Requirement	Elective
Z00L-723	Aquaculture and Fisheries	Elective
Z00L-724	Conservation Biology of Wildlife	Elective
ZOOL-725	Advances in Wildlife	Elective
ZOOL -726	Biology of Birds and Mammals of Pakistan	Elective
ZOOL-727	Principles of Wildlife Management	Elective
ZOOL- 728	Advanced Cell and Molecular Biology	Elective
ZOOL- 729	Lab and Biosafety	Elective
ZOOL- 730	Clinical Teratology	Elective
Z00L-731	Advanced Macro ecology	Elective
ZOOL-732	Reproductive Physiology	Elective
Z00L-733	Advances in Neurobiology	Elective
Z00L-734	Advances in Immunology	Elective
ZOOL-735	Advances in Cell Biology	Elective
Z00L-736	Advances in Ecology	Elective
Z00L-737	Advances in Ornithology	Elective
ZOOL-738	Fish and Aquatic Toxicology	Elective
ZOOL-739	Molecular Evolution	Elective
ZOOL-740	Mammalogy	Elective







-47-

Faculty of Management

Social Sciences

0

and

Departments

- **Business Administration**
- Economics
- Education
- Sociology



Introduction:

The Department of Business Administration (DBA) offers graduate and undergraduate programs in Business studies. Multiple programs are offered in both graduate and undergraduate level including, MSBA, BBA (Hons.), and BBA (2 Years) programs that are approved from the Higher Education Commission (HEC) Pakistan. These programs are designed based on the need of the industry, and frequently reviewed to address the ever-changing industry requirement. Due to the higher demand of the qualified resource by the industry, students have to go through interactive education, and intense training to meet the industry's demand. However, new programs including MBA (2 Years), and BS Accounting and Finance, BS Entrepreneurship, and BS Supply Chain Management are being developed to serve the industry's requirement. The goal of the department is to prepare students for a successful management career. The faculty of the department consists of professional and experienced teachers. At DBA it is ensured that students get maximum exposure to the use of computing techniques in business studies, and all the students have ready and easy access of computers provided by the department. Moreover, students are also availing the facility of Digital Library under Pakistan Education & Research Network a project of Higher Education Commission (HEC) of Pakistan. Our final product is our graduates, and in terms of the employability, the DBA's graduates have an advantage over the rest of the graduates because there are numerous positions available in South Punjab, in the field of Finance, Marketing, Sales, Administration, Human Resource Management, and Supply Chain Management, and thus our graduates are hired immediately based on their competency and skillset.

Objectives:

To develop future leaders by providing a teaching and learning environment that instil entrepreneurial capabilities, research & innovation and an unmatched learning experience, that encourages effective decision making, critical thinking and ethical conduct to serve industry and society at large.

Job Opportunities:

- 1. At DBA students will learn to develop problem-solving skills.
- 2. Students will have an opportunity to cultivate communication skills, and boost teamwork.
- 3. Graduates can become entrepreneur and pursue their own business venture.
- 4. Graduate can pursue career in the field of Supply Chain Management, Marketing, Human Resource Management, and Finance.
- 5. Through case-based methodology, students will be equipped to handle difficult situations, and will be able to make timely decisions.

Faculty Members:

	Dr. Muhammad Zia Ullah Associate Professor and Chairperson Ph.D. hod.ba@gudgk.edu.pk
	Dr. Ahmad Imran Associate Professor Ph.D. aimran@gudgk.edu.pk
3.	Dr. Anwaar Hussain Assistant Professor Ph.D.
	Dr. Muhammad Waqas Assistant Professor Ph.D.
	Ms. Riffat Jabeen M.Phil. Lecturer rjabeen@gudgk.edu.pk
	Mr. M. Azhar Farooq M.Phil. Lecturer afarooq@gudgk.edu.pk
7.	Mr. Khalid Mehmood M.Phil. Lecturer kmehmood@gudgk.edu.pk
8.	Mr. Adil Mansoor M.Phil. Lecturer amansoor@gudgk.edu.pk
9.	Ms. Farva Saeed Lecturer M.Phil.
	Mr. Muhammad Sajjad Khan Lecturer M.Phil.
	Mr. Ahmed Din Lecturer M.Phil.
12.	Mr. Salman Mehmood Lecturer M.Phil.
13.	Ms. Zara Lodhi Lecturer M.Phil.
14.	Mr. Zia ur Rehman Lecturer M.Phil.

Program:

Sr. No.	Program Name	Duration	Level
1.	BBA	4 Years	Undergraduate
2.	BBA	2 Years	Undergraduate

Eligibility:

Admission conditions / Criteria (Under-graduate BS (4 and 2 Years)

• F. Sc. (Pre-Medical/Pre-Engineering/Commerce) with a minimum 2nd Division (45% marks) and 45% marks in Biology/Mathematics/Commerce, Age up to 23 years, Merit, District Quota, Evening / Self-Finance, Sports and Disabled Quota

Semester Breakup:

	STER I Course Code.	Title of the course	Creadit II
S. No.			Credit Hours
1.	ENG-307	English-I (Functional English)	3(3-0)
2.	CS-301	Introduction to Information and Communication Technologies	3(2-1)
3.	IS-302	Islamic Studies / Ethics	3(3-0)
4.	PSY-301	Introduction to Psychology	3(3-0)
5.	MATH-309	Business Mathematics	3(3-0)
6.	BA-301	Fundamentals of Accounting	3(3-0)
	Total		18(17-1)
SEMES			
S. No.	Course Code.	Title of the course	Credit Hours
1.	ENG-308	English-II (Communication Skills)	3(3-0)
2.	PST-301	Pakistan Studies	3(3-0)
3.	SOC-402	Logic and Critical Thinking	3(3-0)
4.	ECON-301	Principles of Microeconomics	3(3-0)
5.	STAT-301	Introduction to Statistics	3(3-0)
5.	BA-302	Financial Accounting	3(3-0)
	Total		18(18-0)
SEMES	STER III	- I	
S. No.	Course Code.	Title of the course	Credit Hours
1.	ENG-409	English-III (Technical Writing and Presentation Skills)	3(3-0)
2.	STAT-401	Basic Statistical Inference	3(3-0)
3.	SOC-301	Introduction to Sociology	3(3-0)
4.	ECON-302	Principles of Macroeconomics	3(3-0)
5.	BA-401	Business Finance	3(3-0)
6.	BA-403	Principles of Management	3(3-0)
	Total		18(18-0)
	STER IV		
S. No.	Course Code.	Title of the course	Credit Hours
1.	ENG-414	Business Communication	3(3-0)
2.	ECON-406	Economics of Pakistan	3(3-0)
3.	IT-414	Artistic Design and Computer Graphics	3(3-0)
4.	FLA-301	Foreign Language (Arabic)	3(3-0)
5.	BA-402	Fundamentals of Marketing	3(3-0)
6.	BA-404	Financial Management	3(3-0)

SCHEME OF STUDIES PROGRAM: BBA (HONS.)

	Total		18(18-0)
SEMES	ΓER V		
S. No.	Course Code.	Title of the course	Credit Hours
1.	BA-501	Managerial Accounting	3(3-0)
2.	BA-503	Marketing Management	3(3-0)
3.	BA-505	Business Research Methods	3(3-0)
4.	BA-507	Human Resource Management	3(3-0)
5.	BA-509	Personal Development	3(3-0)
6.	ECON-630	Managerial Economics	3(3-0)
	Total		18(18-0)
SEMES	ΓER VI		
S. No.	Course Code.	Title of the course	Credit Hours
1.	BA-502	Money and Banking	3(3-0)
2.	BA-504	Consumer Behavior	3(3-0)
3.	BA-506	Management Information System	3(3-0)
1.	BA-508	Business Ethics and Corporate Social Responsibility	3(3-0)
5.	BA-510	Business and Corporate Law	3(3-0)
	Total		15(15-0)
	ΓER VII		
. No.	Course Code.	Title of the course	Credit Hours
•	BA-601	Organizational Behavior	3(3-0)
•	BA-603	Operations/Production Management	3(3-0)
	BA-605	Entrepreneurship	3(3-0)
·		Elective-I	3(3-0)
		Elective-II	3(3-0)
	Total		15(15-0)
	FER VIII	_	
. No.	Course Code.	Title of the course	Credit Hours
•	BA-602	Total Quality Management	3(3-0)
•	BA-604	Global/International Business	3(3-0)
	BA-606	Business Policy & Strategy	3(3-0)
		Elective-I	3(3-0)
		Elective-II	3(3-0)
	Total		15(15-0)

Grand Total: 135 Credit Hours

Areas of Specialization

Finance				
Course Code	Credit Hours			
BA-607	Analysis of Financial Statements	3(3-0)		
BA-608	Credit Management	3(3-0)		
BA-609	Investment and Portfolio Management	3(3-0)		
BA-610	Financial Institutions	3(3-0)		
BA-611	International Finance	3(3-0)		
BA-612	Seminar in Finance	3(3-0)		
BA-613	Insurance Management	3(3-0)		
BA-614	Risk Management	3(3-0)		

BA-615	BA-615 Treasury Management		3(3-0)
BA-616	A-616 Islamic Banking & Finance		3(3-0)
BA-617	Corporat	e Governance	3(3-0)
BA-618	Corporat	e Finance	3(3-0)
BA-619	Auditing		3(3-0)
BA-620	Dissertat	ion	3(3-0)
		Marketing	
Course Cod	le	Course Title	Credit Hours
BA-621		Retailing	3(3-0)
BA-622		Distribution Management	3(3-0)
BA-623		Industrial Marketing	3(3-0)
BA-624		Sales Management	3(3-0)
BA-625		Global/International Marketing	3(3-0)
BA-626		Export Marketing	3(3-0)
BA-627		Brand Management	3(3-0)
BA-628		Marketing Research	3(3-0)
BA-629		Service Marketing	3(3-0)
BA-630		Integrated Marketing Communication (IMC)	3(3-0)
BA-631		Personal Selling	3(3-0)
BA-632		Cyber/Internet Marketing	3(3-0)
BA-633		Marketing of IT Products	3(3-0)
BA-620		Dissertation	3(3-0)
		Human Resource Management	
Course Cod	le	Course Title	Credit Hours
BA-634		Cross-Cultural Resource Management	3(3-0)
BA-635		Strategic Human Resource Management	3(3-0)
BA-636		Training Interventions & Job Skills	3(3-0)
BA-637		Labor Laws in Pakistan	3(3-0)
BA-638		Human Resource Evaluation System	3(3-0)
BA-639		Industrial Relations Management	3(3-0)
BA-640		Incentives and Compensation Management	3(3-0)
BA-641		Recruitment and Selection	3(3-0)
BA-642		Leadership and Team Management	3(3-0)
BA-643		Micro Organizational Dynamics	3(3-0)
BA-644		Rural and Urban Dynamics	3(3-0)
BA-620		Dissertation	3(3-0)

SCHEME OF STUDIES PROGRAM: MS-BA

SEMESTER I					
Code	Course Title	Туре	Credit Hours		
BA-701	Advanced Research Methodology	Core Course	3(3-0)		
BA-703	Strategic Finance	Core Course	3(3-0)		
BA-705	Strategic Marketing	Core Course	3(3-0)		
BA-707	Strategic Management	Core Course	3(3-0)		
Total	Total 12 Cr. Hrs.				
SEMESTER II					
Course Code	Course Title	Туре	Credit Hours		
	Course 1	Elective	3(3-0)		
	Course 2	Elective	3(3-0)		
	Course 3	Elective	3(3-0)		
	Course 4	Elective	3(3-0)		
Total			12 Cr. Hrs.		
SEMESTER III /	SEMESTER IV				
Course Code	Credit Hours				

				West and the second second		
	Proposal	Defense/Research	Topic			
BA-721	Selection			Elective	6(0-6)	
	Research Th	esis				
Total					6 Cr. Hrs.	

Areas of Specialization

Finance						
Course Code	Course Title	Туре	Credit Hours			
BA-702	Corporate Finance	Elective	3(3-0)			
BA-704	International Finance	Elective	3(3-0)			
BA-706	Investment & Portfolio Management	Elective	3(3-0)			
BA-708	Banking and Credit Markets	Elective	3(3-0)			
BA-710	Topics in Capital Budgeting	Elective	3(3-0)			
BA-712	Credit and Risk Management	Elective	3(3-0)			
	Marketing					
Course Code	Course Title	Туре	Credit Hours			
BA-714	International Marketing	Elective	3(3-0)			
BA-716	Advanced Topics in Consumer Behaviour	Elective	3(3-0)			
BA-718	Products Management	Elective	3(3-0)			
BA-720	Current Issues in Marketing	Elective	3(3-0)			
BA-722	Brand Management	Elective	3(3-0)			
	Human Resource Mai	nagement				
Course Code	Course Title	Туре	Credit Hours			
BA-724	Current Issues in Human Resource	Elective	3(3-0)			
	Management	1 1				
BA-726	Strategies in Human Resource	Elective	3(3-0)			
D.4. 5 00	Management					
BA-728	Introduction to Corporate	Elective	3(3-0)			
DA 5 00	Human Resource Management	1 1				
BA-730	Labour Laws and Industrial Relations	Elective	3(3-0)			
BA-732	Work and Organizational Psychology	Elective	3(3-0)			



ECONOMICS



Introduction:

It is well-recognized that sound economic policies for any country require the services of trained economists, who have the analytical ability and the latest knowledge to address emerging contemporary economic challenges. Moreover, one of the main objectives and contributions of Economics is the application of economic theory, which leads to create new knowledge, The Department of Economics, Ghazi University, ensures the dissemination of new knowledge needed for various human services concerning economic well-being. We have introduced undergraduate and graduate-level programs that meet market demands and enhance our students' intellectual ability. The Department aims at fostering advanced education and training in Economics, which transforms human resources into human capital. For this purpose, BS Economics and M. Phil in Economics programs have been launched, revised, and improved over time to cater to contemporary economic challenges in developing countries. We ensure a purposeful academic and social life at "Ghazi University". Therefore, students feel proud of investing their precious time and energy for their bright future, career, and grooming their personalities. We have opened up a new window of opportunity to fulfill students' dreams to have quality education at their doorstep. Our doors are open to attract students on merit, impart specialized education, and develop moral values. This Department is equipped with state-of-the-art facilities and highly qualified faculty. Currently, we have 75% PhD faculty, which have a distinct career in the public sector, research, and education. Now, students may benefit from it and get ready to embrace the challenge to achieve their goals. We care for our students and ensure lifetime learning. The Economics Society of the Department (ESD) offers distinguished academic and social services to improve student's competency and contribute to uplift the living standard of civil society.

Objectives:

The objectives of the Department of Economics at Ghazi University are to offer degree programs that equip students with the latest knowledge, economic theory & applied research, with a holistic understanding of global, regional, and local socio-economic & financial issues, which they can utilize to make optimal decisions for themselves. Therefore, our mission emphasizes learning environments with diversified knowledge and cultural enrichment. We transform traditional concepts into a new structure with active industry involvement so that our students can have multi-talented leadership potential. We want our students to challenge assumptions, think beyond visible boundaries, and add extraordinary values to their careers. The strategies are ultimately designed to build models for the students for their competency and capability to address emerging global business and societal challenges.

Job Opportunities:

A prospect of employability is an essential part of the degree obtained. Completing the degree helps in increasing skills, expanding networks, and clarifying career goals. Industry placements are the ideal opportunity for gaining relevant experience and are a great way to discover whether a particular career path is the one for you. Many graduate students of the Department of Economics are serving in various industries and public and private institutions. The Department also provides opportunities for mini and micro-placement schemes in paid or unpaid internships to its students during their academic sessions. Moreover, the Department is already engaged in student's placement activities in collaboration with industry, various organizations, and institutions. Various industries hire graduates with a degree in

economics. The private sector employs graduates with a degree in economics in their finance and accounting departments. Government institutes also employ university graduates for their departments like finance division, bureau of statistics, and economic planning. The banking sector is another growing industry for economists in Pakistan. Banks hire an economist to help them understand different financial issues and service portfolios. Interestingly, with so many jobs in this field, students who passed their intermediate or equal degree with pre-engineering, medical, or commerce as a major can join this field of study.

Faculty Members:

 Dr. Qaiser Abbas Associate Professor and Chairperson Ph.D. qabbas@gudgk.edu.pk Dr. Madiha Riaz Assistant Professor Ph.D. mriaz@gudgk.edu.pk Dr. Saeed Ur Rehman Assistant Professor Ph.D. msaeed@gudgk.edu.pk Dr. Muhammad Azam Assistant Professor Ph.D.
Assistant Professor Ph.D. mriaz@gudgk.edu.pk 3. Dr. Saeed Ur Rehman Assistant Professor Ph.D. msaeed@gudgk.edu.pk 4. Dr. Muhammad Azam Assistant Professor Ph.D.
Assistant Professor Ph.D. msaeed@gudgk.edu.pk 4. Dr. Muhammad Azam Assistant Professor Ph.D.
Assistant Professor Ph.D.
5. Ms. Fatima Gulzar Lecturer fgulzar@gudgk.edu.pk
6. Mr. Imran Lodhi Lecturer M.Phil. mlodhi@gudgk.edu.pk
7. Mr. Muhammad Asghar Lecturer M.Phil.
8. Ms. Shazia Khalid Lecturer M.Phil.

Program:

Sr. No.	Program Name	Duration	Level
1.	BS Economics	4 Years	Undergraduate
3.	M. Phil Economics	2 Years	Postgraduate

Eligibility:

Admission conditions / Criteria (Under-graduate BS (4 Year)

• F. Sc. (Pre-Medical/Pre-Engineering/Commerce) with a minimum 2nd Division (45% marks) and 45% marks in Biology/Mathematics/Commerce, Age up to 23 years, Merit, District Quota, Evening / Self-Finance, Sports and Disabled Quota

Semester Breakup:

SCHEME OF STUDIES (BS ECONOMICS)

SEMESTER I

S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ENG-307	English-I Functional English	3(3-0)	Compulsory
2.	IS-302	Islamic Studies/ Ethics	2(2-0)	Compulsory
3.	MATH-307	Mathematics I (Introduction to Algebra)	3(3-0)	Compulsory
4.	GS-301	General Science	3(3-0)	General
5.	PSY-301	Introduction to Psychology	3(3-0)	General
6.	ECON-301	Principles of Microeconomics	3(3-0)	Foundation
	Total		17(17-0)	
SEMES	STER II			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ENG-308	Communication Skills	3(3-0)	Compulsory
2.	PST-301	Pakistan Studies	2(2-0)	Compulsory
3.	MATH-310	Mathematics II (Introduction to Calculus)	3(3-0)	Compulsory
4.	HIS-306	World History (History of Islamic Civilization)	3(3-0)	Compulsory
5.	SOC-301	Introduction to Sociology	3(3-0)	General
6.	ECON-302	Principles of Macroeconomics	3(3-0)	Foundation
	Total	17(17-0)		
SEMES	STER III		-	
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ENG-409	Technical Writing and Presentation Skills	3(3-0)	Compulsory
2.	STAT-301	Introduction to Statistics	3(3-0)	Supporting
3.	GEO-301	Introduction to Geography	3(3-0)	General
4.	BA-402	Fundamentals of Marketing	3(3-0)	Supporting
5.	FLA-301	Foreign Language: Arabic	3(3-0)	General
6.	ECON-401	Intermediate Microeconomics	3(3-0)	Foundation
	Total		18(18-0)	
	STER IV			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ENG-410	Academic Reading and Writing	3(3-0)	Compulsory
3.	STAT-302	Introduction to Probability & Probability Distributions	3(3-0)	Supporting
4.	CS-301	Introduction to Information and Communication Technologies	3(3-0)	Compulsory
5.	BA-605	Entrepreneurship	3(3-0)	Compulsory
	ECON-402	Intermediate Macroeconomics	3(3-0)	Foundation
6.	ECON-404	Economics of Pakistan	3(3-0)	Major
	Total		18(18-0)	
SEMES				
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ECON-501	Microeconomic Theory	3(3-0)	Major
2.	ECON-503	Agricultural Economics	3(3-0)	Major
3.	ECON-505	Mathematical Economics	3(3-0)	Major
4.	ECON-507	Statistical Inference	3(3-0)	Major
5.	ECON-509	Development Economics	3(3-0)	Major
	Total		15(15-0)	

SEMES	TER VI			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ECON-502	Macroeconomic Theory	3(3-0)	Major
2.	ECON-504	Economics of Money and Banking	3(3-0)	Major
3.	ECON-506	Optimization and Dynamic Analysis		
4.	ECON-508	Fundamentals of Econometrics	3(3-0)	Major
5.	ECON-510	Issues in Pakistan Economy	3(3-0)	Major
	Total		15(15-0)	
SEMES	TER VII	· ·		
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ECON-601	Monetary Theory and Policy	3(3-0)	Major
2.	ECON-603	Econometric Methods	3(3-0)	Major
3.	ECON-605	Public Finance	3(3-0)	Major
4.	ECON-607	International Trade: Theory & Policy	3(3-0)	Major
5.	ECON-609	Islamic Economics	3(3-0)	Major
	Total		15(15-0)	
SEMES	TER VIII			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ECON-602	Financial Economics	3(3-0)	Major
2.	ECON-604	Islamic Finance	3(3-0)	Major
3.	ECON-606	International Finance	3(3-0)	Major
4.	ECON-608	Research Methods in Economics	3(3-0)	Major
5.	ECON-XXX	Elective Course	3(3-0)	Elective/ optional
	Total		15(15-0)	

Grand Total: 130 Credit Hours

Elective Course will be selected from the list of following optional papers

LIST OF OTHER COURSES OFFERED BY THE DEPERTMENT					
S. No.	Course No.	Title of the course	Credit Hours		
1.	ECON-610	Thesis/ Research Project	3(3-0)		
2.	ECON-612	Applied Economics	3(3-0)		
3.	ECON-614	Corporate Governance	3(3-0)		
4.	ECON-616	Globalization and Economic Integration	3(3-0)		
5.	ECON-618	Transport Economics	3(3-0)		
6.	ECON-620	Energy Economics	3(3-0)		
7.	ECON-622	Environmental Economics	3(3-0)		
8.	ECON-624	History of Economic Thought	3(3-0)		
9.	ECON-626	Industrial Economics	3(3-0)		
10.	ECON-628	Labor Economics	3(3-0)		
11.	ECON-630	Managerial Economics	3(3-0)		
12.	ECON-632	Population Economics	3(3-0)		
13.	ECON-634	Project Planning and Appraisal	3(3-0)		



DEPARTMENT OF EDUCATION

Introduction:

The Department of Education Ghazi University was established in 2014 in response to the growing needs for trained teachers in Southern Punjab region with the aims to expanding higher education and teacher training opportunities in the Southern Punjab. Another strong motivation for launching the Department of Education was to improve the teacher education and training of future teachers to address the needs of quality education in the 21st century. The Department of Education is currently in the process of fulfilling the community needs. The changing role of this department will help to open up more programs and opportunities for the professionals of education in all aspects of educational development in the region.

Objectives:

To accomplish quality in the field of teacher education through empowering teachers and developing their competencies in the areas of content, pedagogical skills and research in the field of Education.

Job Opportunities:

The Department of Education provides the facilitates professional development training for pre -service education and in-service to the all kinds of teachers and educational administrator. The graduates of this department also have the capability to render their services as professional teacher in various research and social welfare institutions as managers, researchers and consultants.

Faculty Members:

1.	Dr. Javed Iqbal Associate Professor and Chairperson Ph.D. jdiqbal@gudgk.edu.pk
2.	Dr. Noor Muhammad
	Assistant Professor
	Ph.D.
3.	Dr. Ijaz Hussain
	Assistant Professor
	Ph.D.
4.	Ms. Sofia Khakwani
	Lecturer
	M.Phil.
5.	Ms. Asifa Parveen
	Lecturer
	M.Phil.

Program	m:		
Sr. No	o. Program Name	Duration	Level
1.	B.Ed. (Hons)	4 Years	Undergraduate
2.	B.Ed.	1.5 Years	Undergraduate

Eligibility:

Admission conditions / Criteria

• F. Sc. (Pre-Medical/Pre-Engineering/Commerce) with a minimum 2nd Division (45% marks) and 45% marks in Biology/Mathematics/Commerce, Age up to 23 years, Merit, District Quota, Evening / Self-Finance, Sports and Disabled Quota

Semester Breakup:

SCHEME OF STUDIES

Semester	-1			
S. No.	Course Code	Title of the course	Credit Hours	
1.	B. Ed-301	General Methods of Teaching	3(3-0)	(Professional
2.	B. Ed-303	Educational Assessment and Evaluation	3(3-0)	(Professional
3.	B. Ed-305	Curriculum Development	3(3-0)	(Foundation)
4.	B. Ed-307	Research Methods in Education	3(3-0)	(Professional
5	B. Ed-309	Educational Leadership and Management	3(3-0)	(Professional
6	B. Ed-311	Educational Psychology 3(3-0)		(Foundation)
	Total		18(18-0)	
Semester	-II			
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	B. Ed-302	Philosophy of Education	3(3-0)	(Foundation)
2.	B. Ed-304	Guidance and Counselling in Education	3(3-0)	(Professional
		(Professional)		
3.	B. Ed-306	Teaching Specialization	3(3-0)	(Elective
				Course)
4.	B. Ed-308	Area of Specialization (Course-I)	3(3-0)	
5	B. Ed-310	Area of Specialization (Course-II)	3(3-0)	
6	B. Ed-312	Area of Specialization (Course-III)	3(3-0)	
	Total		18(18-0)	
Semester				
S. No.	Course Code	Title of the course	Credit Hours	
1.	B. Ed-401	Thesis (Foundation)or two subjects	6(6-0)	(Foundation)
2.	B. Ed-403	Information and Communication Technology	3(3-0)	(Professional
		(ICT) in Education		
3.	B. Ed-405	Education in Pakistan (replacement of thesis)	3(3-0)	(Foundation)
4.	B. Ed-407	Trends and Issues in Education (replacement of	3(3-0)	(Foundation)
		thesis)		
5	B. Ed-409	Teaching Practice	6(6-0)	(Professional
	Total		18(18-0)	

Elective Courses

Only one of the following elective courses relevant to the subject area of the student may be opted.

Code	Course	Credit Hours
B. Ed-306	Teaching of Social Studies	3
B. Ed-308	Teaching of General Science	3
B. Ed-310	Teaching of Physics	3

B. Ed-312	Teaching of Chemistry	3
B. Ed-314	Teaching of Biology	3
B. Ed-316	Teaching of Mathematics	3
B. Ed-318	Teaching of English Language	3
B. Ed-320	Teaching of Urdu	3

Areas of Specialization Student will opt any one area of specialization from the following two areas

	Course Code	Course	Credit Hours
Area-I		Leadership and Management	
Course I	B. Ed-402	Educational Administration and Supervision	3
Course II B. Ed-404		Organizational Behavior	3
Course III	B. Ed-406	Instructional Leadership	3
Area-II		Science Education	
Course I	B. Ed-408	Foundation of Science Education	3
Course II	B. Ed-410	Assessment and Evaluation in Science Education	3
Course III	B. Ed-412	Comparative Science Education	3



Contemporation Contemporatica Contemporatica Contemporatica Contemporatica Contem

Introduction:

The Department of Sociology provides a rigorous and academically challenging program of study that allows its students to develop intellectually, socially, and professionally and to offer students sociological tools and insights they can use to address complex issues and problems encountered in social institutions and organizational settings. The Sociology Department is committed to educating students about the realities of human social interaction. Sociology Program take a broad-spectrum approach to this, offering courses that analyze social interaction from a large scale, institutional and global perspective, as well as courses that equip students to analyze even small, daily interactions. Because human social life is fraught with inequalities and oppression, we train our students to think critically. Because our students are educated to be active, critical thinkers, they become responsive members of their community. They leave our program with analytical skills and the necessary oral and written skills required to succeed in the workplace. Upon completion of a BS or MSc in Sociology, our students will be equipped to continue their processes of lifelong learning, whatever career paths they take.

Objectives:

To support students on their path to becoming informed, well-rounded, and effective members of society by providing them with a rigorous curriculum where they can see themselves and their future life paths represented. We believe that the skills provided by an education in sociology are a public good, and we hope our students go on to be the leaders of tomorrow, working for a more innovative, comprehensive, fair, and sustainable future.

Job Opportunities:

To serve humanity and to address the socio-cultural issues and problems of society, a sociologist is a person who has more knowledge, skill and insight vision to cope all social problems and develop harmony among different social group, and societies. **In Govt. Sector (**Lectureship /Teaching at University and College level, Research Officer, Social Welfare Officer / Medical Social Officer, Population Welfare Officers, Officers in Federal & Provincial Ministries of Human Rights, Officers in Federal & Provincial Ministries of Women Development, Parole/ Probational Officer (Prison Department), Officer in Child Protection Bureau Punjab, School Health & Nutrition Officers, Social Mobilizers in Literacy Department, and **In Private Sectors** (National / International NGO, National Level Organization i.e. NRSP, PRSP, BUNYAD, AGHAI, LPP, FDO, BEDARI, BISP, United National Agencies i. e. UNESCO, UNICEF, ILO, UNDP and Other International Organizations, DFID, OXFAM, WWF, JICA).

Faculty Members:

1. Dr. Muhammad Ali Tarar Associate Professor and Chairperson Ph.D. hod.soc@gudgk.edu.pk



. Dr. Muhammad Sohail Akhtar Assistant Professor Ph.D.

3.	Ms. Sumaira Bano
	Lecturer, M.Phil.
	sbano@gudgk.edu.pk
4.	Ms. Tahira Shamshad
	Lecturer, M.Phil.
	tshamshad@gudgk.edu.pk
5	Ms. Romana Naz
5.	
	Lecturer, M.Phil.
	rnaz@gudgk.edu.pk
6.	Ms. Rabia Mohsin
	Lecturer
	M.Phil.
7.	Ms. Zona Khan
	Lecturer
	M.Phil.

Program:

Sr. No.	Program Name	Duration	Level
1.	BS Sociology	4 Years	Undergraduate

Eligibility:

Admission conditions / Criteria (Under-graduate BS (4 Year)

• F. Sc. (Pre-Medical/Pre-Engineering/Commerce/Humanities) with a minimum 2nd Division (45% marks) and 45% marks in Biology/Mathematics/Commerce/ Humanities, Age up to 23 years, Merit, District Quota, Evening / Self-Finance, Sports and Disabled Quota

Semester Breakup:

SCHEME OF STUDIES (BS SOCIOLOGY)

	EMESTER I				
S. No.	Course Code.	Title of the course	Credit Hours	Course Type	
1.	ENG-307	English-I Functional English 3(3-0)		Compulsory	
2.	PS-301	Pakistan Studies	2(2-0)	Compulsory	
3.	STAT-301	Introduction to Statistics	3(3-0)	Compulsory	
4.	EDU-301	Introduction to Education	3(3-0)	Compulsory	
5.	PSY-301	Introduction to Psychology	3(3-0)	General	
6.	SOC-301	Introduction to Sociology	3(3-0)	Foundation	
	Total		17(17-0)		
SEMES	STER II				
S. No.	Course Code.	Title of the course	Credit Hours	Course Type	
1.	ENG-308	English-II Communication Skills	3(3-0)	Compulsory	
2.	IS-302	Islamic Studies	2(2-0)	Compulsory	
3.	STAT-629	Statistics for Sciences	3(3-0)	Compulsory	
4.	BA-403	Principles of Management	3(3-0)	General	
5.	SOC-302	Introduction to Social Work	3(3-0)	General	
6.	SOC-304	Development of Social Thoughts	3(3-0)	Foundation	
	Tatal		17(17-0)	•	
	Total		1/(1/-0)		

S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ENG-409	English-III Technical Writing and Presentation Skills	3(3-0)	Compulsory
2.	IT-301	Introduction to Information and Communication Technologies	3(2-1)	Compulsory
3.	ECO-301	Introduction to Economics	3(3-0)	General
	ENV-301	Introduction to Environmental Science	3(3-0)	General
4.	LAW-301/	Introduction to Law /	3(3-0)	General
_	POLS-301	Introduction to political Science-I		
5.	SOC-401	Social Psychology	3(3-0)	Foundation
	Total		18(17-1)	
	STER IV	mide of the second		
S. No.	Course Code.		Credit Hours	Course Type
1.	SOC-402	Social Anthropology	3(3-0)	Foundation
2.	SOC-404	Logic and Critical Thinking	3(3-0)	General
3.	SOC-406	Contemporary Sociological theory	3(3-0)	Foundation
4.	S0C-408	Pakistani Society & Culture	3(3-0)	Foundation
5.	SOC-410	Gender Studies	3(3-0)	Foundation
6.	SOC-412	Methods of Social Research	3(3-0)	Foundation
	Total		18(18-0)	
	STER V			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	SOC-501	Urban Sociology	3(3-0)	Major
2.	SOC-503	Advance Research Methods	3(3-0)	Foundation
3.	SOC-505	Sociology of Development	3(3-0)	Major
4.	SOC-507	Project Planning and Management	3(3-0)	Major
5.	SOC-509	Community Development	3(3-0)	Major
	Total		15(15-0)	
SEMES	STER VI			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	SOC-502	Sociology of Education	3(3-0)	Foundation
2.	SOC-504	Sociology of Health and Medicine	3(3-0)	Foundation
3.	SOC-506	Population Studies	3(3-0)	Major
4.	SOC-508	Rural Sociology	3(3-0)	Major
5.	SOC-510	Internship	3(3-0)	Major
	Total	F	15(15-0)	
SFMFS	STER VII		10(10 0)	
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	SOC-601	Sociology of Social Change and Transformation	3(3-0)	Major
2.	SOC-603	Sociology of Religion	3(3-0)	Major
3.	SOC-605/ SOC- 607	Criminology/ Conflict and Dispute Resolution	3(3-0)	Elective
		Sociology of Media/Rural development /	3(3-0)	Elective
4.	SOC-609/ SOC- 611/ SOC-613	NGO Management		
4. 5.			3(3-0) 15(15-0)	Major

S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	SOC-602	Sociology of Globalization	3(3-0)	Major
2.	SOC-604/ SOC- 606/ SOC-608	Urban Development/ Industrial 3(3-0) Sociology/ Islamic Sociology		Elective
3.	SOC-610/ SOC- 612/ SOC-614	Sociology of Aging/ Sociology of Emotions and Human Feelings/ Sociology of Family and marriage	3(3-0)	Elective
4.	SOC-616/SOC- 618/SOC-620/ SOC-622/ SOC-624	**Research Thesis/ (Sociology of Law /Sociology of Human Rights/ Sociology of Race and Ethnicity / Clinical Sociology)	6(0-6)	Major
	** Research Thesis is optional (as Major). Only students possessing 3.20 or above CGPA will be eligible to opt research thesis. The students not taking research thesis, will opt two courses from			

mentioned courses.

Total	15(9-6/15-0)

Grand Total (Semesters: I, II, III, IV, V, VI, VII and VIII) = 130(123-7/129-1)



Faculty of Arts



Departments

English

History & Political Science

Islamic Studies

Urdu

-66-



Introduction:

The Department of English offers undergraduate and postgraduate programs in English Language and Literature. One of its hallmark is M.Phil program in English (Linguistics) which caters to the needs of research scholars from far off areas of the region. The Department has remained an integral part of Ghazi University since its inception in 2014. It has been a prestigious Department of the Faculty of Arts. It is providing support to nearly all the academic departments of the University where English Language is taught as a minor course. It boasts of high enrollment as each year more than 1000 aspirants apply for BS and M.Phil programs. The programs in English Language and Literature are designed primarily to develop in students the ability to use language skillfully and to interpret literature effectively. The programs offered at English department are approved from Higher Education Commission (HEC) of Pakistan. The courses taught at the Department not only provide a solid foundation in the concepts of English Language and Literature but also improve critical thinking skills of the learner and inculcate in them a spirit of inquiry through the course in research methodology. The Department of English is committed to support and encourage students to become independent lifelong learners. Its aim is to produce graduates with ability and skills to understand and tackle the research problems in advanced areas of English Language and Literature. The English department provides programs that develop the challenging skills and competence which is required in the field of education too. The Department of English, with the research-oriented education, collaborative research groups, seminars, workshops and international conferences, is producing linguists and literary experts as all programs are designed to build, maintain, and advance skills in reading, writing, speaking, listening and research. Students learn to read critically from a wide range of literary and informative texts. We believe that these skills are essential for coping with the challenges of the 21st century. Faculty uses state-of-the-art pedagogical methods. A well-established, IT equipped, and state of the art smart room is near to completion at the Department that shall be used as language lab, seminar room and digital library where the students & scholars will have access to knowledge of the age with the help of modern technology. The Department aims at training the scholars to carry out independent research projects and through their knowledge and skills acquired at the Department contribute to the field of education and other fields of life. In other words, the programs are meant for rigorous training in the field of Linguistics and English Literature providing students with a sound theoretical knowledge harmonized with hands on practice in the form of exhaustive activities carried out during the study. The department holds a vibrant outlook due to its highly skilled, qualified, and self-motivated faculty. Currently, there are more than 800 students enrolled in the department.

Objectives:

The Department with the sole aim of playing its due role in national development and intellectual development of the society holds the following key points as its mission and commitment:

- Empower students to be engaged with the university community through excellent instruction in language, cultural awareness and study skills
- Assist students with their academic and non-academic needs and connect them to other GU resources
- Serve GU faculty and departments regarding the needs of their students and thus contributing to a more inclusive community
- Provide quality programs for learners with specialized English Language and Literature needs and goals.
- Develop and conduct high quality English Language and Literature proficiency.
- To cater to the needs of alumnae who can serve the state and nation by taking part in the research and literary activities
- To attain excellence in teaching an.d research in the field of English Language and Literature.

- To produce and prepare competent professionals in the area of English Language & Literature.
- To gain targets of human develop through quality education

Job Opportunities:

- 1. English language is the lingua franca of the world and a linguistic passport for the globe.
- 2. The subject has high rate of employability and in many cases should be the first choice of the youth.
- 3. The key subject for superior jobs like CSS, PMS is English, hence, an inevitable choice.
- 4. English helps you to understand the world around you and satisfy your curiosity.
- 5. Studying English develops your critical thinking and problem-solving skills in research.
- 6. Mastery in English language offers you the opportunity to work abroad, or in international research collaborations.
- 7. Linguists and Literary experts are versatile thus have potential for a wide range of future careers.

Faculty Members:

1.	Dr. Muhammad Asif Assistant Professor and Chairperson Ph.D. hod.eng@gudgk.edu.pk	
2.	Mr. Muhammad Ahsan	
	Assistant Professor	
	Ph.D. mahsan@gudgk.edu.pk	
3.	Ms. Ambreen Kaukab	
	Lecturer, M.Phil.	
	akokab@gudgk.edu.pk	
4.	Ms. Mehreen Zafar	
	Lecturer, M.Phil. mzafar@gudgk.edu.pk	
5.	Mr. Muhammad Naeem	
0.	Lecturer, M.Phil.	
	mnaeem@gudgk.edu.pk	
6.	Ms. Sadaf Siddiq	
	Lecturer	
	M.Phil.	
7.	Ms. Mehwish Muzaffar	
	Lecturer	
	M.Phil.	
8.	Ms. Wajeeha Maryam	
	Lecturer	
	M.Phil.	
9.	Mr. Talha Bashir	
	Lecturer	
	M.Phil.	

Program:

Sr. No.	Program Name	Duration	Level
1.	BS English	4 Years	Undergraduate
2.	M.Phil. English (Linguistics)	2 Years	Postgraduate

Eligibility:

Admission conditions / Criteria (Under-graduate BS (4 Year)

• F. Sc. (Pre-Medical/Pre-Engineering/Commerce/Humanities) with a minimum 2nd Division (45% marks) and 45% marks in Biology/Mathematics/Commerce/ Humanities, Age up to 23 years, Merit, District Quota, Evening / Self-Finance, Sports and Disabled Quota

Semester Breakup:

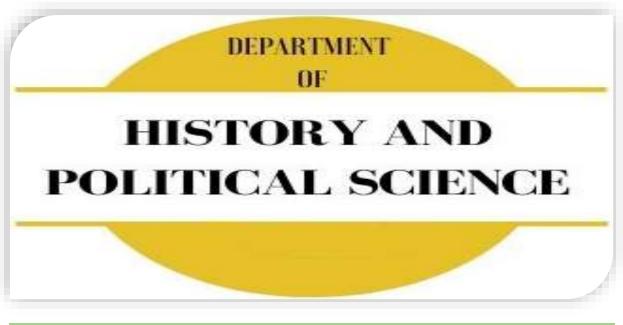
SCHEME OF STUDIES BS ENGLISH (LANGUAGE AND LITERATURE)

SEMES'	TER I			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ENG-301	Reading and Writing Skills	3(3-0)	Foundational
2.	ENG-303	Introduction to Literary Studies	3(3-0)	Subject-specific Foundational
3.	ENG-305	Introduction to Language Studies	3(3-0)	Subject-specific Foundational
4.	GEO-301 / ENV- 301	Introduction to Geography / Introduction to Environmental Science	3(3-0)	General/Compulsory General
5.	PST-301	Pakistan Studies	2(2-0)	Compulsory
6.	SOC-301	Introduction to Sociology	3(3-0)	General
	Total		17(17-0)	
SEMES	STER II			
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	ENG-302	Composition Writing	3(3-0)	Foundational
2.	ENG-304	Introduction to Phonetics & Phonology	3(3-0)	Subject-specific Foundational
3.	PST-608	Human Rights in Pakistan	3(3-0)	Compulsory General
4.	IS-302	Islamic Studies/Ethics	2(2-0)	Compulsory
5.	STAT-301	Introduction to Statistics	3(3-0)	General
6.	SAR-301	Saraiki Language & Literature	3(3-0)	General
	Total		17(17-0)	ł
SEMES	TER III			
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	ENG-401	Communication and Presentation Skills	3(3-0)	Foundational
2.	ENG-403	Introduction to Women's Writing	3(3-0)	Subject-specific
3.	ENG-405	Short Fictional Narratives	3(3-0)	Subject-specific
4.	ENG-407	Introduction to Morphology	3(3-0)	Subject-specific
5.		Introduction to Information and Communication Technologies	3(2-1)	Compulsory
6.		World History (History of Islamic Civilization)	3(3-0)	General
	Total		18(17-1)	
	STER IV			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ENG-402	Sociolinguistics	3(3-0)	Subject-specific
2.	ENG-404	NG-404 Study Skills		Compulsory General
3.	ENG-406	Semantics	3(3-0)	Subject-specific
4.	ENG-408	Popular Fiction	3(3-0)	Subject-specific
5.	ENG-410	Academic Reading and Writing	3(3-0)	Foundational

6.	POLS-508	Theories and Concepts of International Relations	3(3-0)	General
	Total		18(18-0)	
SEMES				
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ENG-501	Drama-I -Classical Drama	3(3-0)	Subject-specific
2.	ENG-503	Classical Poetry	3(3-0)	Subject-specific
3.	ENG-505	Rise of the Novel (18 th to 19 th century)	3(3-0)	Subject-specific
4.	ENG-507	Literary Forms and Movements	3(3-0)	Subject-specific Foundational
5.	ENG-509	Foundations of Literary Theory & Criticism	3(3-0)	Subject-specific
6.	ENG-511	Pakistani Literature in English	3(3-0)	Subject-specific
	Total		18(18-0)	
	TER VI		-	
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ENG-502	Drama-II -Renaissance Drama	3(3-0)	Subject-specific
2.	ENG-504	Romantic and Victorian Poetry	3(3-0)	Subject-specific
3.	ENG-506	Discourse Studies	3(3-0)	Subject-specific
4.	ENG-508	Creative Nonfiction	3(3-0)	Subject-specific
5.	ENG-510	Grammar and Syntax	3(3-0)	Subject-specific
6.	ENG-512	Introduction to Stylistics	3(3-0)	Subject-specific
	Total	18(18-0)		
	STER VII			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ENG-601	Research Methods and Term Paper Writing	3(3-0)	Subject-specific
2.	ENG-603	Drama III. Modern Drama	3(3-0)	Subject-specific
3.	ENG-605	Modern Poetry	3(3-0)	Subject-specific
4.	ENG-607	Modern Novel	3(3-0)	Subject-specific
5.	ENG-609	Literary Theory and Practice	3(3-0)	Subject-specific
	Total		15(15-0)	
	STER VIII			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ENG-602	World Englishes	3(3-0)	Subject-specific
2.	ENG-604	Post-Colonial Literature	3(3-0)	Subject-specific
3.	ENG-606	American Literature	3(3-0)	Subject-specific
4.	ENG-608	Introduction to Translation Studies	3(3-0)	Subject-specific
5.	ENG-610	Introduction to Applied Linguistics	3(3-0)	Subject-specific
	Total		15(15-0)	

Grand Total: 136 Credit Hours

-70-



Introduction:

Department of History is one of the most important and emerging departments of Ghazi University Dera Ghazi Khan. It is located at the city campus of Ghazi University. The Department of History started functioning in 2018 with BS-4 and M.A Degree Programs under the visionary leadership & supervision of the worthy Vice Chancellor Professor Dr. Muhammad Tufail Ghazi (T.I). The Department of History is gradually making progress day by day. The curricula have also been revised and updated from time to time. The Department offers a variety of courses providing advanced and up to-date knowledge of Historiography & Research Methodology, Colonial History, Muslim Rule in South Asia, History of Modern Europe, History of Modern Muslim World and History of Pakistan along with regional history of almost all the areas of our country as well. We have a strong tradition in the study of religious, social, cultural, political and constitutional history, which together constitutes the major components of our graduate program. With academic activities the department is also making efforts to nourish the students in all aspects of life to prepare them as good citizens of Pakistan.

Objectives:

The basic objective of the Department of History is the provision of quality education with the aim of producing trained and skilled human resources, in various fields of Social Sciences through class teaching, research and outreach activities. Therefore, the mission of the department is to use the knowledge of history, through impartial analysis of the past and present, as a torch bearer for those who do not learn from history, and they repeat the same mistakes. A historian is a 'doctor of the nation' and we want to produce true and knowledgeable 'doctors of the nation. It is also necessary to promote the self-awareness, Socio economic, cultural and political development by producing such graduates who would be responsible citizens and contribute for the advancement of the society. This department also aims at the advancement of intellectual leadership through teaching, research and innovation.

Faculty Members:

Dr. Syed Wasif Azim

 Assistant Professor and Chairperson
 Ph.D.
 hod.his@gudgk.edu.pk

 Dr. Muhammad Naveed Akhtar

 Assistant Professor
 Ph.D.

3.	Dr. Abida Kausar Choudhry	
	Assistant Professor	
	Ph.D.	
4.	Dr. Sohail Akhtar	
	Lecturer	
	Ph.D.	
5.	Mr. Azhar Maqsood Sirvar	
	Lecturer	
	M.Phil.	
6.	Mr. Muhammad Aslam Faiz	
	Lecturer	
	M.Phil.	

Program:

Sr. No.	Program Name	Duration	Level
1.	BS History	4 Years	Undergraduate
2.	BS Political Sciences	4 Years	Undergraduate
3.	BS Pak Study	4 Years	Undergraduate

Eligibility:

Admission conditions / Criteria (Under-graduate BS (4 Year)

• F. Sc. (Pre-Medical/Pre-Engineering/Commerce/Humanities) with a minimum 2nd Division (45% marks) and 45% marks in Biology/Mathematics/Commerce/ Humanities, Age up to 23 years, Merit, District Quota, Evening / Self-Finance, Sports and Disabled Quota

Semester Breakup:

SCHEME OF STUDIES (BS-HISTORY)

SEMESTER I					
S. No.	Course Code	Title of the course	Credit Hours		
1.	ENG-307	English-I Functional English	3(3-0)		
2.	IS-302	Islamic Studies	2(2-0)		
3.	EDU-301	Introduction to Education	3(3-0)		
4.	HIS-301	Introduction to History	3(3-0)		
5.	HIS-303	History of Ancient Civilizations	3(3-0)		
	Total		14(14-0)		
SEMES	SEMESTER II				
S. No.	Course Code	Title of the course	Credit Hours		
1.	ENG-308	English-II Communication Skills	3(3-0)		
2.	PST-301	Pakistan Studies	2(2-0)		
3.	GEO-301	Introduction to Geography	3(3-0)		
4.	HIS-304	History of Muslim's Contribution in Sciences	3(3-0)		
5.	HIS-306	World History (History of Islamic Civilization)	3(3-0)		
	Total		17(17-0)		
SEMESTER III					
S. No.	Course Code	Title of the course	Credit Hours		
1.	CS-301	Introduction to Information and Communication Technologies	3(2-1)		
2.	ENG-409	English-III Technical Writing and Presentation Skills	3(3-0)		
3.	SAR-301	Saraiki Language & Literature	3(3-0)		

4.	HIS-403	History of Punjab, Sindh, KPK and Balochistan Provinces	3(3-0)
5.	HIS-405	Cultural Heritage of Pakistan	3(3-0)
	Total		15(14-1)
SEMES	TER IV		
S. No.	Course Code	Title of the course	Credit Hours
1.	URU-301	زبان تشکیل و ارتقا اُردو	3(3-0)
2.	FLA-301	Foreign Language (Arabic)	3(3-0)
3.	POLS-301	Introduction to Political Science-I	3(3-0)
4.	PHIL-301	Introduction to Philosophy	3(3-0)
5.	HIS-402	History of Afghanistan 1747-2018	3(3-0)
6.	HIS-404	Muslim Revivalists Movements in Subcontinent	3(3-0)
	Total		18(18-0)
SEMES	TER V		
S. No.	Course Code	Title of the course	Credit Hours
1.	HIS-501	Early History of Islam (610-661 AD)	3(3-0)
2.	HIS-503	Historiography	3(3-0)
3.	HIS-505	History of Ancient India (Indo &Pak)	3(3-0)
4.	HIS-507	History of Islam the Ummiad & Abbasid Caliphate	3(3-0)
5.	HIS-509	History of Muslim Struggle for independence 1857-1947	3(3-0)
	Total		15(15-0)
SEMES			-
S. No.	Course Code	Title of the course	Credit Hours
1.	HIS-502	History of Muslim Rule in India (712-1526)	3(3-0)
2.	HIS-504	History of The Great Mughal in India (1526-1707)	3(3-0)
3.	HIS-506	History of Later Mughal in India (1707-1857)	3(3-0)
4.	HIS-508	History of Pakistan 1947-2020	3(3-0)
5.	HIS-510	History of Iran	3(3-0)
	Total		15(15-0)
SEMES	TER VII		
S. No.	Course Code	Title of the course	Credit Hours
1.	HIS-601	History of Muslim Rule in Spain	3(3-0)
2.	HIS-603	History of Ottoman Empire (1288-1924 A.D)	3(3-0)
3.	HIS-605	History of Sufism in India & Pakistan	3(3-0)
4.	HIS-607	Regional History (Dera Ghazi Khan)	3(3-0)
5.	HIS-609	Research Methodology	3(3-0)
6.	HIS-611	Foreign Policy of Pakistan	3(3-0)
	Total		18(18-0)
-	TER VIII		1
S. No.	Course Code	Title of the course	Credit Hours
1.	HIS-602	History of England	3(3-0)
2.	HIS-604	History of USA	3(3-0)
3.	HIS-606	History of Europe	3(3-0)
4.	HIS-608	Philosophy of History	3(3-0)
5.	HIS-610	History of Muslim Architectures in Subcontinent	3(3-0)
	Stu	idents will opt one of these two courses given below.	<u>.</u>

6.	HIS-612	History of Modern Muslim World in 20 th & ^{21st} Century	3(3-0)
7.	HIS-614	Thesis	3(3-0)
	Total		18(18-0)
Grand	Total: 130 Credit	Hours	
SEMES'	TED I	SCHEME OF STUDIES (BS-Political Science)	
S. No.	Course Code	Title of the course	Credit Hours
1.	ENG-307	English-I Functional English	3(3-0)
2.	IS-302	Islamic Studies	2(2-0)
3.	HIS-301	Introduction to History	3(3-0)
1.	MATH-305	Basic Mathematics	3(3-0)
5.	EDU-301	Introduction to Education	3(3-0)
6.	POLS-301	Introduction to Political Science-I	3(3-0)
	Total		17(17-0)
SEMES	TER II		
S. No.	Course Code	Title of the course	Credit Hours
1.	ENG-308	English-II Communication Skills	3(3-0)
2.	PST-301	Pakistan Studies	3(3-0)
3.	SOC-301	Introduction to Sociology	3(3-0)
1.	HIS-306	World History (History of Islamic Civilization)	3(3-0)
5.	PST-302	Pakistan Society and Cultural	3(3-0)
6.	POLS-302	Introduction to Political Science-II	3(3-0)
	Total		18(18-0)
	TER III		
S. No.	Course Code	Title of the course	Credit Hours
1.	ENG-409	English-III Technical Writing and Presentation Skills	3(3-0)
2.	CS-301	Introduction to Information and Communication Technologies	3(2-1)
3.	GEO-301	Introduction to Geography	3(3-0)
4.	URDU-301	زبان تشکیل و ارتقا اُردو	3(3-0)
5.	POLS-401	Introduction to Political Science-III	3(3-0)
	Total		15(14-1)
<u>SEMES</u> S. No.	TER IV Course Code	Title of the course	Credit Hours
1.	GS-301	General Science	3(3-0)
2.	SAR-301	Saraiki Language & Literature	3(3-0)
2. 3.	PHIL-301	Introduction to Philosophy	3(3-0)
5. 4.	FLA-301	Foreign Language (Arabic)	3(3-0)
+. 5.	POLS-402	Pakistan Relations with Islamic World	3(3-0)
J.	Total		15(15-0)
SEMES			13(13-0)
SEMES S. No.	Course Code	Title of the course	Credit Hours
1.	POLS-501	Dynamics of Politics in Pakistan	3(3-0)
	POLS-503	Western Political Thoughts	3(3-0)
Ζ.			-(
2. 3.	POLS-505	Genesis of Pakistan	3(3-0)

5.	POLS-509	Local Self Government	3(3-0)
6.	POLS-511	Political System of Muslim India	3(3-0)
	Total		18(18-0)
SEMES	TER VI		
S. No.	Course Code.	Title of the course	Credit Hours
1.	POLS-502	Developmental Politics	3(3-0)
2.	POLS-504	Comparative Politics	3(3-0)
3.	POLS-506	Political Parties and Elections in Pakistan	3(3-0)
4.	POLS-508	Theories and Concepts of International Relations	3(3-0)
5.	POLS-510	Ethnicity & Political Development in Pakistan	3(3-0)
	Total		15(15-0)
SEMES	TER VII		
S. No.	Course Code.	Title of the course	Credit Hours
1.	POLS-601	Foreign Policies of USA & UK	3(3-0)
2.	POLS-603	Political System of South Asian Countries	3(3-0)
3.	POLS-605	Muslim World: Dynamics and Issues	3(3-0)
4.	POLS-607	Political Sociology	3(3-0)
5.	HIS-607	Regional History (Dera Ghazi Khan)	3(3-0)
6.	POLS-611	Research Methodology	3(3-0)
	Total		18(18-0)
SEMES	TER VIII		
S. No.	Course Code	Title of the course	Credit Hours
1.	POLS-602	Constitutional Development in Pakistan	3(3-0)
2.	POLS-604	Foreign Policy of Pakistan	3(3-0)
3.	POLS-606	Public Administration	3(3-0)
4.	POLS-608	Muslim Political thoughts Modern	3(3-0)
	Stu	udents will opt one of these two courses given below.	
5.	POLS-610	International Organization	3(3-0)
6.	POLS-612	Thesis / Project	3(3-0)
	Total		15(15-0)
-	· · · · · · · · · · · · · · · · · · ·		

Grand Total: 131 Credit Hours

SCHEME OF STUDIES (BS-PAKISTAN STUDIES)

SEMES	SEMESTER I				
S. No.	Course Code.	Title of the course	Credit Hours		
1.	PST-301	Pakistan Studies	3(3-0)		
2.	ENG-307	English-I Functional English	3(3-0)		
3.	HIS-301	Introduction to History	(3-0)		
4.	PST-303	Land and People of Pakistan	(3-0)		
5.	EDU-301	Introduction to Education	(3-0)		
	Total		15(15-0)		
SEMES	STER II				
S. No.	Course Code.	Title of the course	Credit Hours		
1.	IS-302	Islamic Studies/Ethics	2(2-0)		
2.	ENG-308	English-II Communication Skills	3(3-0)		

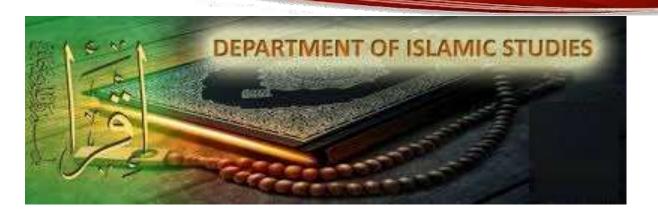
3.	SOC-301	Introduction to Sociology	3(3-0)
4.	GS-301	General Science	3(3-0)
5.	HIS-306	World History (History of Islamic Civilization)	3(3-0)
6.	PST-302	Pakistan Society and Cultural	3(3-0)
	Total		17(17-0)
SEMES	STER III		
S. No.	Course Code.	Title of the course	Credit Hours
1.	ENG-409	English-III Technical Writing and Presentation Skills	3(3-0)
2.	CS-301	Introduction to Information and Communication Technologies	3(2-1)
3.	POLS-301	Introduction to Political Science-I	3(3-0)
4.	GEO-301	Introduction To Geography	3(3-0)
5.	PHIL-301	Introduction to Philosophy	3(3-0)
6.	HIS-405	Cultural Heritage of Pakistan	3(3-0)
	Total		18(17-1)
	STER IV		
S. No.	Course Code.	Title of the course	Credit Hours
1.	HIS-303	History of Ancient Civilizations	3(3-0)
2.	URDU-301	أردو زبان تشكيل و ارتقا	3(3-0)
3.	SAR-301	Saraiki Language & Literature	3(3-0)
4.	FLA-301	Foreign Language (Arabic)	3(3-0)
5	MATH-301	Mathematics-1	3(3-0)
	Total		15(15-0)
	STER V		
S. No.	Course Code.	Title of the course	Credit Hours
1.	PST-501	Governance and Politics in Pakistan-I	3(3-0)
2.	PST 503	Pakistan's Foreign Policy	3(3-0)
3.	PST-505	Social Change and Development in Pakistan	3(3-0)
4.	PST-507	Local Government in Pakistan	3(3-0)
5.	PST-509	Pakistan Relations with Islamic World	3(3-0)
	Total		15(15-0)
	STER VI	Title of the course	Credit Hours
S. No.	Course Code.	Government and Politics in Pakistan-II	
1.	PST-502 PST-504		3(3-0)
2. 3.		Geographic and Demographic Profile of Pakistan	3(3-0)
	HIS-607	Regional History (Dera Ghazi Khan)	3(3-0)
4. E	PST-508	History of Muslim Sufism in Subcontinent Urbanization in Pakistan	3(3-0)
5.	PST-510		3(3-0)
6.	PST-512	Ancient History of (Indo-Pak)	3(3-0)
CEME	Total		18(18-1)
SEME: S. No.	STER VII Course Code.	Title of the course	Credit Hours
1.	PST-601	Pakistan and World Affairs	3(3-0)
2.	PST-603	Women Empowerment in Pakistan	3(3-0)
2. 3.	PST-605	Pakistan's National Security: External and Internal	3(3-0)
		Dynamics	

r	-		
4.	PST-607	Research Methodology	3(3-0)
5.	PST-609	Role of Civil and Military Bureaucracy in Pakistan	3(3-0)
6.	HIS-508	History of Pakistan 1947-2020	3(3-0)
	Total		18(18-0)
SEME	STER VIII		
S. No.	Course Code.	Title of the course	Credit Hours
1.	PST-602	Laws of Citizenship: Case Study of Pakistan	3(3-0)
2.	PST-604	Environmental Problems in Pakistan	3(3-0)
3.	PST-606	Crisis/Disaster Management	3(3-0)
4.	PST-608	Human Rights in Pakistan	3(3-0)
	Stu	idents will opt one of these two courses given below.	
5.	PST-610	International Organizations OR	3(3-0)
6.	PST-612	Research	3(3-0)
		Project/Thesis	
	Total		15(15-0)

Grand Total: 132 Credit Hours







Introduction:

Welcome to the Department of Islamic Studies, Ghazi University, Dera Ghazi Khan, Pakistan. Study of Islam has become a significant area of academic endeavour and the fast growth of this discipline is due to the emerging global importance of Islam as a political and cultural force and as one of the major religions of the world. Therefore, Department of Islamic Studies initiated a multicultural curriculum and atmosphere to equip their scholar to lead the world. The faculty team has been effectively applying pedagogical motivational techniques, innovative teaching strategies, and experiential learning practices for delivering Islamic knowledge. The department offers variety of programs including BS-4year, MA and MPhil degree programs and intends to also initiate PhD program as soon as possible.

Objectives:

To develop the Ghazi University as the Premier place of learning in Pakistan, to provide with a sound intellectual foundation for the ideological, moral, intellectual, and social development of the Muslim Ummah within the framework of the values and principles of Islam, to highlight and define the relevance of Islam in changing modern times to the whole human life.

Job Opportunities:

Islam, or people's assumptions about Islam, became very visible in the media and in the world in general. In addition to this, the growing number of Muslims in the Western societies in recent decades has created the need for better understanding of Muslims and their beliefs in order to create a well-balanced environment conducive to racial and ethnic harmony. Therefore, Islamic Studies has become a subject of strategic importance in our multicultural society. The students of today, if properly taught, will become the teachers of the future with a vision for multiculturalism and peaceful co-existence. The department trains its students in all the major areas of Islamic disciplines. All the courses pertaining to Islamic learning are taught and imparted from the original sources to deliver the first-hand knowledge of Islam to the students. In pursuit of the university vision and mission, the faculty members of the department have a great emphasis on the students' ethical grooming and character building based on the Islamic ethical system and moral values, which makes Ghazi University a unique institution.

Faculty Members:

1. Prof. Dr. Arshad Muneer Leghari Professor and Chairperson Ph.D. hod.isl@gudgk.edu.pk



2. Dr. Ashfaq Ahmad Assistant Professor Ph.D.

3.	Dr. Muhammad Ayaz	
	Assistant Professor	
	Ph.D.	
4.	Dr. Yasir Farooq	
	Lecturer	
	Ph.D.	
5.	Hafiz Jamshaid Akhtar	
	Lecturer	
	M.Phil.	

Program:

Sr. No.	Program Name	Duration	Level
1.	BS Islamic Studies	4 Years	Undergraduate

Eligibility:

Admission conditions / Criteria (Under-graduate BS (4 Year)

• F. Sc. (Pre-Medical/Pre-Engineering/Commerce/Humanities) with a minimum 2nd Division (45% marks) and 45% marks in Biology/Mathematics/Commerce/ Humanities, Age up to 23 years, Merit, District Quota, Evening / Self-Finance, Sports and Disabled Quota

Semester Breakup:

SCHEME OF STUDIES (BS ISLAMIC STUDIES)

SEMES	TER: I			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1	ENG-307	English-I Functional English	3(3-0)	Compulsory
2	PST-301	Pakistan Studies	2(2-0)	Compulsory
3	STAT-301	Introduction to Statistics	3(3-0)	Compulsory
4	IS-301	Translation of Quran-I	NC	Compulsory
5	SOC-301	Introduction to Sociology	3(3-0)	General
6	GS-301	General Science	3(3-0)	General
7	IS-303	Introduction to Topics of Holy Quran	3(3-0)	Foundation
	Total		17(17-0)	
SEMES	TER: II			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1	ENG-308	English-II Communication Skills	3(3-0)	Compulsory
2	ECON-303	Introduction to Economics	3(3-0)	General
3	POLS-508	Theories and Concepts of International Relations	3(3-0)	General
4	IS-302	Islamic Studies/Ethics	2(2-0)	Compulsory
5	IS-304	Arabic Language-I	3(3-0)	General
6	FLA-301	Foreign Language (Arabic)	3(3-0)	General
-	Total		17(17-0)	
SEMES	TER: III			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1	ENG-409	English-III Technical Writing and Presentation Skills	3(3-0)	Compulsory
2	CS-301	Introduction to Information and Communication Technologies	3(2-1)	Compulsory
3	PSY-301	Introduction to Psychology	3(3-0)	General
4	IS-401	Translation of Quran-II	1(1-0)	Compulsory

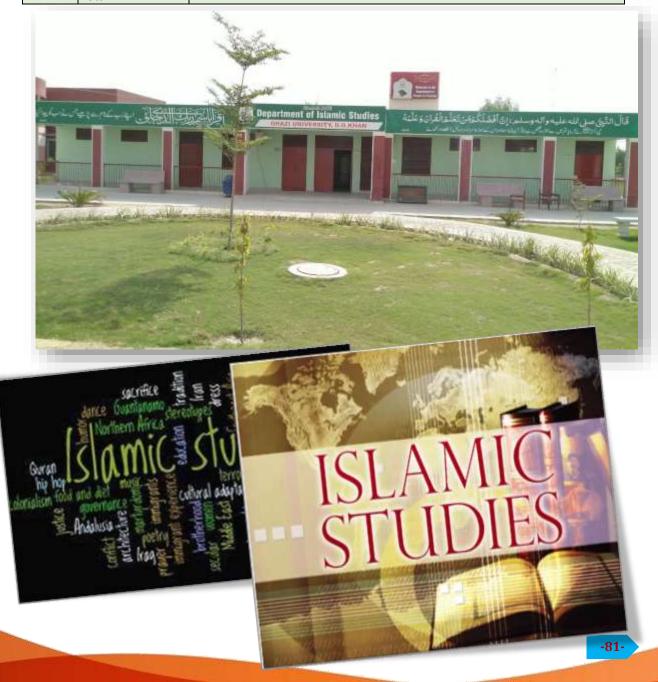
ndation ndation rse Type pulsory pulsory ndation or rse Type pulsory ndation or or ndation or or ndation or or ndation or or or ndation
rse Type pulsory or ndation ndation or rse Type ndation ndation or or or ndation
pulsory or ndation or or rse Type ndation ndation or or or ndation or or
pulsory or ndation or or rse Type ndation ndation or or or ndation or or
pulsory or ndation or or rse Type ndation ndation or or or ndation or or
ndation ndation or rse Type npulsory ndation ndation or or or ndation
ndation ndation or rse Type pulsory ndation ndation or or ndation erse Type or
ndation ndation or rse Type pulsory ndation ndation or or ndation erse Type or
ndation or rse Type npulsory ndation ndation or or ndation arse Type or
or rse Type apulsory adation adation or or or adation ation arse Type or
rse Type pulsory ndation ndation or or ndation irse Type or
apulsory ndation ndation or or ndation arse Type or
apulsory ndation ndation or or ndation arse Type or
apulsory ndation ndation or or ndation arse Type or
ndation ndation or or ndation ndation nrse Type or
ndation or or ndation nrse Type or
or or ndation arse Type or
or ndation wrse Type or
ndation I rse Type or
u rse Type or
or
or
or
ndation
or
or
or
ndation
urse Type
mpulsory
ijor
ective
ijor
ective
ective
neral
urse Type
ijor
ijor
ective
ijor
ijor ijor

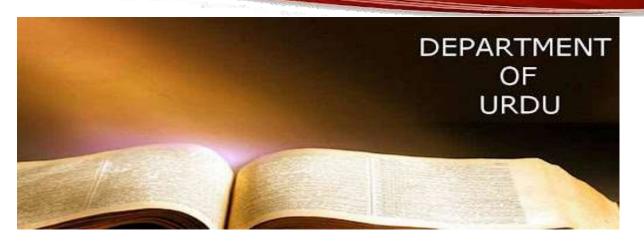
Grand Total: 130 Credit Hours

Note: One week study tour may be allowed to arrange either at the end of 4th or 8th semester through matching grant. The main purpose is to see/ visit places and institutions related to study (Council of Islamic Ideology, Federal Shariat Court, Libraries, Religious sacred places etc.)

LIST O	LIST OF OTHER COURSES OFFERED BY THE DEPERTMENT				
S. No.	Course No.	Title of the course	Credit Hours		
1.	IS-301	Translation of Quran-I	NC		
2.	IS-401	Translation of Quran-II	NC		
3.	IS-501	Translation of Quran-III	NC		
4.	IS-601	Translation of Quran-IV	NC		
5.	IS-302	Islamic Studies/Ethics	2(2-0)		
6.	FLA-301	Foreign Language (Arabic)	3(3-0)		

LIST OF DEFICIENCY COURSES FOR THE STUDENTS COMING FROM MADARIS				
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	ENG-101	Intermediate English-I	NC	Basic Course
2.	ENG-201	Intermediate English-II	NC	Basic Course
3.	PST-101	Intermediate Pak Studies	NC	Basic Course
	Total			





Introduction:

The Department of Urdu is one of the most important departments of Ghazi University Dera Ghazi Khan. It is located at the City Campus of Ghazi University. The department started BS-4 and M.A Degree Programs under the visionary leadership & supervision of worthy Vice Chancellor Professor Dr. Muhammad Tufail Ghazi (T.I). The department is gradually making progress day by day. The curricula have also been revised and updated from time to time. With academic activities the department is also making efforts to nourish the students in all aspects of life to prepare them as good citizens of Pakistan.

Objectives:

The basic objective of the department is the provision of quality education with the aim of producing trained and skilled human resources, in various fields through class teaching, research and outreach activities. Therefore, the mission of Department is to use the knowledge. It is also necessary to promote the self-awareness, cultural by producing such graduates who would be responsible citizens and contribute for the advancement of the society.

Faculty Members:

1		1. Prof. Dr. Suhail Abbas Khan Professor and Chairperson Ph.D. hod.ur@gudgk.edu.pk	
2	2.	2. Dr. Rashida Qazi	
		Associate Professor	
		Ph.D.	
		rqazi@gudgk.edu.pk	
3	8.	3. Dr. Muhammad Abid Qureshi	
		Assistant Professor	
		Ph.D.	
4	ŀ.	4. Dr. Jamil ur Rehman	
		Assistant Professor	
_	_	Ph.D.	
5	.	5. Mr. Waseem Abbas Gul	
		Lecturer	
	-	M.Phil.	
6).	6. Ms. Iqra Ghaffar	
		Lecturer	
		M.Phil.	

	Ir. Muhammad Said Ali		
	ecturer		
Μ	I.Phil.		
Program:			
-0-			
Sr. No.	Program Name	Duration	Level
1.	BS Urdu	4 Years	Undergraduate

Eligibility:

Semester Breakup:

Admission conditions / Criteria (Under-graduate BS (4 Year)

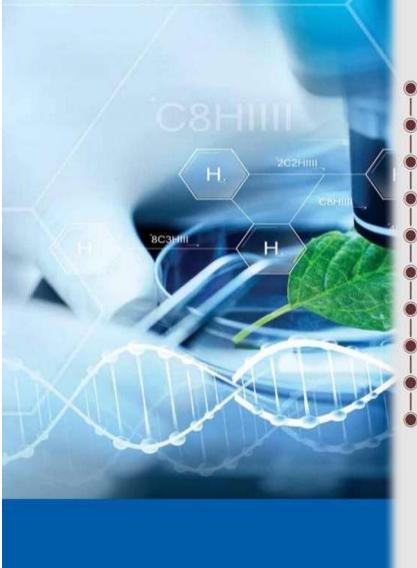
• F. Sc. (Pre-Medical/Pre-Engineering/Commerce/Humanities) with a minimum 2nd Division (45% marks) and 45% marks in Biology/Mathematics/Commerce/ Humanities, Age up to 23 years, Merit, District Quota, Evening / Self-Finance, Sports and Disabled Quota

Semest	er Breakup:	COUPME OF CTUDIES (DS UD	DU)	
SEMES	TFR I	<u>SCHEME OF STUDIES (BS UR</u>	<u>.DUJ</u>	
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	URDU-301	أردو زبان تشكيل و ارتقا	3(3-0)	Foundation
2.	URDU-303	اردو زبان- قواعدواملا	3(3-0)	Foundation
3.	ENG-307	English-I Functional English	3(3-0)	Compulsory
4.	PST-301	Pakistan Studies	2(2-0)	Compulsory
5.	MATH-305	Basic Mathematics	3(3-0)	Compulsory
6.	PSY-301	Introduction to Psychology	3(3-0)	General
	Total		17(17-0)	I
SEMES	TER II			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	URDU-302	شعري اصناف: تعارف اورتفېيم. ١	3(3-0)	Foundation
2.	URDU-304	بیان و بدیع و عروض	3(3-0)	Foundation
3.	ENG-308	English-II Communication Skills	3(3-0)	Compulsory
4.	IS-302	Islamic Studies/Ethics	2(2-0)	Compulsory
5.	STAT-301	Introduction to Statistics	3(3-0)	Compulsory
6.	SOC-301	Introduction to Sociology	3(3-0)	General
	Total		17(17-0)	
	TER III			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	URDU-401	نثري اصناف: تعارف اور تفېيم(ا)	3(3-0)	Foundation
2.	URDU-403	ادبى اصطلاحات	3(3-0)	Foundation
3.	URDU-405	شعري اصناف: تعارف اور تفېيم (ب)	3(3-0)	Foundation
4.	ENG-409	English-III Technical Writing and Presentation Skills	3(3-0)	Compulsory
5.	CS-301	Introduction to Information and Communication Technologies	3(2-1)	Compulsory
6.	HIS-508	History of Pakistan 1947-2020	3(3-0)	General
	Total		18(18-0)	
	TER IV			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	URDU-402	نثري اصناف: تعارف اورتفېيم (ب)	3(3-0)	Foundation

2.	URDU-404	تخلیقی نثر	3(3-0)	Foundation
3.	URDU-406	تحقيق و تنقيد: بنيادي مباحث	3(3-0)	Foundation
4.	URDU-408	زبان و ادب سرائیکی	3(3-0)	Compulsory
5.	URDU-410	عالمی کلاسک	3(3-0)	General
6.	URDU-412	کلچرل سٹڈیز Cultural Studies	3(3-0)	General
	Total		18(18-0)	
SEMES		_	1	
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	MASS-501	میڈیا سٹڈیز Media Studies	3(3-0)	General
2.	URDU-501	پاکستانی زبانوں کا ادب	3(3-0)	General
3.	URDU-503	أردو داستان اور ناول: فكرى و فنى مباحث	3(3-0)	Major
4.	URDU-505	أردو غزل كا فكرى و فني ارتقا	3(3-0)	Major
5.	URDU-507	تاريخ ادب اردواور ادبي تحريكيں	3(3-0)	Major
	Total		15(15-0)	
SEMES				
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	URDU-502	جدید فکری مباحث	3(3-0)	Major
2.	URDU-504	أردو افسانہ اور ڈرامہ :فکری اور فنی مطالعہ	3(3-0)	Major
3.	URDU-506	کا ارتقااور اس کے ناول اور بیسویں صدی میں ناول فکری وفنی مباحث	3(3-0)	Major
4.	URDU-508	أردو نظم: فكرى، فني اور تنقيدي مطالعم	3(3-0)	Major
5.	URDU-510	لسانيات	3(3-0)	Major
	Total		15(15-0)	
SEMEST			.	
S. No.	Course Code.	Title of the course		Course Type
1.	URDU-601	أصول تحقيق و تدوين	3(3-0)	Major
2.	URDU-603	ريسرچ پر اجيکٹ / تحقيقي مقالہ	3(3-0)	Major
3.	URDU-605	اردو فكشن كا مابعدالطبيعاتي مطالعم	3(3-0)	Major
		پشنل: صرف دو کورسسز لیے جا سکتے ہیں		-
4.	URDU-607	أردو فكشن ميں تاريخي اور تېذيبي شعور	3(3-0)	Elective
5.	URDU-609	ملتان میں شعر و ادب کی روایت	3(3-0)	Elective
6.	URDU-611	أردو ادب كا تانيثيتي مطالعم	3(3-0)	Elective
	Total		15(15-0)	
	FER VIII	mide of the second		
S. No.	Course Code.	Title of the course		Course Type
1.	URDU-602	نئے تنقیدی مباحث	3(3-0)	Major
2.	URDU-604	اقبال کا خصوصی مطالعہ	3(3-0)	Major
3.	URDU-606	اردو نثر کے اسالیب	3(3-0)	Major
		پشنل: صرف دو کورسسز لیے جا سکتے ہیں		-
4.	URDU-608	ادب اور سماجی علوم	3(3-0)	Elective
5.	URDU-610	أردو ادب كا نو آبادياتي مطالعم	3(3-0)	Elective
6.	URDU-612	فروغِ اُردو کے اہم ادار ے	3(3-0)	Elective
7.	URDU-614	اُردو صحافت کی تنقیدی تاریخ(ترجمہ اور اشتہارات)	3(3-0)	Elective
	Total		15(15-0)	

Grand Total: 130 Credit Hours

Agricultural Sciences



Departments

- Agronomy Horticulture Plant Breeding and Genetics Plant Protection Soil and Environmental Sciences Agr. Engineering and Technology Agr. Education and Extention
- Forestry, Range and Wildlife
- Food Science & Technology



Introduction:

The Department of Agronomy was established during 2002 under the umbrella of College of Agriculture, Dera Ghazi Khan, Sub-campus University of Agriculture, Faisalabad. On 11th June 2014 the College was merged into Ghazi University, Dera Ghazi Khan and hence the department too. Since the establishment of university, Agronomy department is deeply involved in teaching and research in areas such as cropping systems, stress physiology, genetic transformation of crops, biological nitrogen fixation, water use efficiency, integrated weed management, Allelopathy, Bio-herbicidal weed control, seed production and technology, plant nutrition, intercropping and simulation modelling. Agronomy is the pioneer department of the university that offers Ph.D. degree along with B.Sc., (Hons), M.Sc. (Hons) degree programs with major emphasis on modern crop husbandry practices. The department owns the highly qualified and competent faculty having 10 faculty members out which 9 are PhDs. The faculty is committed to excellence in research and education and proud of the outstanding students and staff. As Department of Agronomy, we form a community dedicated to understanding the provision of food to the people of country and world through crop production with the help of research and modern technology. We at Department of Agronomy encourage the culture of interdisciplinary research. Our faculty is not only dynamically involved in pure and applied research using the existing resources but also developing research collaborations with other organizations to improve the scope of research. As a result, the faculty and the students have published their works in several international and national peer-reviewed journals. Department also provides advisory services to farmers, NGOs and the relevant agro-based industry, imparting short term training to farmers and in service agri-personnel pertaining to latest developments in this field for better resource management and sustaining crop yields under changing environmental scenario. The Department offers undergraduate (B.Sc. (hons.) Agriculture) and postgraduate (M.Sc. (Hons.) Agronomy and Ph.D.) programs. The department keeps updating its courses occasionally keeping in view the need of the farmers, industry, and society. Through our highly qualified faculty, purpose-built building, computer labs, library facilities, laboratories, and motivating environment we ensure our students' learning. Moreover, continuous supervision and counselling we assure their intellectual capabilities. Our graduates are engaged in several highly reputed public and private organizations in Pakistan and abroad. We welcome young Agronomy students to join the department and develop their skills. We promise high quality agriculture education in an excellent physical environment.

Objectives:

To develop dynamic effective future leaders in the field of Agronomy with interdisciplinary approach to exploit and solve the burning issues in field of Agronomy

Job Opportunities:

Higher scholarship and job opportunities in govt and private sector

Faculty	Members:
1.	Dr. Javaid Iqbal Associate Professor and Chairperson Ph.D. hod.agr@gudgk.edu.pk
2.	Dr. Muhammad Mudassar Maqbool Associate Professor coe@gudgk.edu.pk
3.	Dr. Muhammad Ibrahim Associate Professor dsa@gudgk.edu.pk
4.	Dr. Ansar Ali Associate Professor aali@gudgk.edu.pk
5.	Dr. Muhammad Ishaq Rehmani Associate Professor merehmani@gudgk.edu.pk
6.	Dr. Safder Hussain Associate Professor sahussain@gudgk.edu.pk
7.	Dr. Mubashar Nadem Assistant Professor Ph.D.
8.	Dr. M. Sohail Sadiq Assistant Professor Ph.D.
9.	Mr. Muhammad Sarwar Lecturer, M.Phil. msarwar@gudgk.edu.pk

Programs:

Sr. No.	Program Name	Duration	Level
1.	B.Sc. (Hons) Agriculture, Agronomy	4 Years	Undergraduate
2.	M. Sc. (Hons) Agriculture, Agronomy	2 Years	Graduate
3.	Ph.D. Agronomy	3 Years	Postgraduate

Eligibility:

Admission conditions / Criteria (Under-graduate BS (4 Year)

- F. Sc. (Pre-Medical) with a minimum 2nd Division (45% marks) and 45% marks in Biology, Age up to 23 years, Merit, District Quota, Evening / Self-Finance, Sports and Disabled Quota
- For admission in M.Phil. program, applicant should have a minimum score of 50% in GAT-General

OR

• 60% in Ghazi University Departmental Test

Semester Breakup:

SCHEME OF STUDIES B.SC. (HONS.) GENERAL AGRICULTURE

<mark>SEMES'</mark> S. No.	Course Code.	Title of the course	Credit Hours	Course Ture
				Course Type
1.	AGRON-301	Basic Agriculture	3(2-1)	Compulsory
2.	ENG-301	Reading and Writing Skills	3(3-0)	Foundation
3.	CS-301	Introduction to Information and Communication Technologies	3(2-1)	Compulsory
4.	MATH-307 / BIO- 301	Mathematics I (Introduction to Algebra) / Functional Biology	3(3-0) / 3(2-1)	Compulsory
5.	SES-301	Soil Science-I	3(2-1)	Foundation
6.	HORT-301	Introductory Horticulture	3(2-1)	Foundation
	Total		18(14-4/13-5))
SEMES	TER II			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	SES-302	Soil Science-II	3(2-1)	Foundation
2.	AEE-302	Introduction to Agri. Extension	2(1-1)	Supporting
3.	ENT-302	Introductory Entomology	3(2-1)	Foundation
4.	ENGG-302	Irrigation and Drainage Practices	2(1-1)	Supporting
5.	STAT-301	Introduction to Statistics	3(3-0)	Foundation
6.	FST-301	Introduction to Food Science and Technology	3(2-1)	Compulsory
7.	PST-301	Pakistan Studies	2(2-0)	Compulsory
	Total		18(13-5)	
SEMES	TER III			
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	AH-401	Introduction to Animal Husbandry	2(1-1)	Supporting
2.	PP-401	Introduction to Plant Pathogens	3(2-1)	Compulsory
3.	ENT-401	Applied Entomology	3(2-1)	Compulsory
4.	AEE-401	Rural Youth in Agricultural Development	3(2-1)	Supporting
5.	FRW-401	Introduction to Forestry and Agro- Forestry	2(1-1)	Supporting
6.	PBG-401	Introductory Genetics	3(2-1)	Foundation
7.	IS-302	Islamic Studies /Ethic for Non-Muslims	2(2-0)	Compulsory
			18(12-6)	
	Total		10(12-0)	
SEMES	Total STER IV		10(12-0)	
<mark>SEMES</mark> S. No.		Title of the course	Credit Hours	Course Type
	STER IV	Title of the course Principles of Agronomy		Course Type
S. No. 1.	STER IV Course Code.		Credit Hours	
S. No. 1. 2.	STER IV Course Code. AGRON-302	Principles of Agronomy Horticultural Crop Production Introduction to Range and Wildlife	Credit Hours 3(2-1)	Foundation
S. No.	STER IV Course Code. AGRON-302 HORT-402	Principles of Agronomy Horticultural Crop Production	Credit Hours 3(2-1) 3(2-1)	Foundation Compulsory
S. No. 1. 2. 3. 4.	STER IV Course Code. AGRON-302 HORT-402 FRW-402	Principles of Agronomy Horticultural Crop Production Introduction to Range and Wildlife Management	Credit Hours 3(2-1) 3(2-1) 3(2-1)	Foundation Compulsory Foundation
S. No. 1. 2. 3.	STER IVCourse Code.AGRON-302HORT-402FRW-402PP-402	Principles of Agronomy Horticultural Crop Production Introduction to Range and Wildlife Management Introductory Plant Pathology	Credit Hours 3(2-1) 3(2-1) 3(2-1) 3(2-1) 3(2-1)	Foundation Compulsory Foundation Foundation

Grand Total: 136 Credit Hours

SCHEME OF STUDIES IN AGRONOMY

SEMES	TER V			
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	AGRON-501	Agro-Ecology	3(2-1)	Major
2.	AGRON-503	Irrigation Agronomy	3(2-1)	Major
3.	AGRON-505	Field Crop Physiology	3(2-1)	Major
4.	AGRON-507	Introduction to Weed Science	3(2-1)	Major
5.	AGRON-509	Organic Farming	3(3-0)	Major
б.	AGRON-511	Forage and Fodder Production	3(2-1)	Major
	Total		18(13-5)	
	TER VI			1
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	AGRON-502	Seed Production Technology	3(2-1)	Major
2.	AGRON-504	Arid and Rain-fed Agriculture	3(2-1)	Major
3.	AGRON-506	Agro-technology of Major Crops	3(2-1)	Major
4.	AGRON-508	Plant Nutrient and Growth Regulators	3(2-1)	Major
5.	AGRON-510	Environment and Crop Production	3(2-1)	Major
6.	AGRON-512	Principles of Weed Science	3(2-1)	Major
	Total		18(12-6)	
	TER VII			
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	AGRON-601	Water Management in Rain-fed Areas	3(2-1)	Major
2.	AGRON-603	Biological Nitrogen Fixation	3(2-1)	Major
3.	AGRON-605	Conservation Agronomy	3(2-1)	Major
4.	AGRON-607	Introduction to Crop Modelling	3(2-1)	Major
5.	AGRON-609	Plant and Soil Analysis	3(2-1)	Major
б.	AGRON-611	Crop Management under Stressful Environments	3(2-1)	Major
	Total		18(12-6)	
	TER VIII		-	- F
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	AGRON-602	Internship / Research Project	4(0-4)	Major
2.	AGRON-604	Research and Scientific Writing	3(2-1)	Major
3.	AGRON-606	Medicinal and Special Crops	3(2-1)	Major
	Total		10(4-6)	

Grand Total: 136 Credit Hours



The Department of Horticulture was established during 2001 in the defunct College of Agriculture, Dera Ghazi Khan. Later on, the college was upgraded to Ghazi University in 2014. Since then, the Department of Horticulture is working under the Faculty of Agricultural Sciences. The department started B.Sc. (Hons.) degree program in 2001 and M.Sc. (Hons.) in 2014. Department offers B.Sc .(Hons.) and M.Sc. (Hons.) degrees in of Horticulture. Degree programs are designed to be flexible in order to meet the student's requirements in different areas of Horticulture and variety of courses are offered by the department viz. Floriculture, pomology, olericulture, plant tissue culture, medicinal plants and post-harvest science and technology. The Department has highly qualified and experienced faculty members. The faculty members completed various research projects in collaboration with different funding agencies.

Objectives:

The main objectives of Department of Horticulture are:

- To train human resource in the field of horticulture to meet the increasing challenges of food production, food safety and environmental protection
- To arrange exhibitions and competitions for promotion of various aspects of Horticulture
- To provide awareness among local people regarding growing and marketing of horticultural produce
- To educate growers regarding postharvest management of fruits and vegetables for improvement of marketable crop.

Job Opportunities:

Now Horticulture is tremendous industry and has role in daily life. The horticultural student can work in Teaching, Agri. Research workers, Agri. Extension workers, Horticulturist in PIA garden centers, Assistant Directors in Development Authorities, Assistant Directors in Parks and Horticulture Authorities, Landscape architecture, expanded scope of horticulture is farmers nurserymen, gardeners and aesthetic gratification.

Faculty Members:

1.	Dr. Zahoor Hussain Associate Professor and Chairperson Ph.D. hod.hort@gudgk.edu.pk
2.	Mr. Shuaib Raza Assistant Professor sraza@gudgk.edu.pk
3.	Dr. M. Salman Haider Assistant Professor Ph.D.
4.	Dr. Madiha Butt Assistant Professor Ph.D.
5.	Dr. Mateen Sajid Assistant Professor Ph.D.
6.	Dr. Abdul Manan Lecturer Ph.D.
7.	Dr. Javeria Sherani Lecturer jsherani@gudgk.edu.pk
8.	Mr. Rashad Jawad Lecturer rjawad@gudgk.edu.pk

Programs:

Sr. No.	Program Name	Duration	Level
1.	M. Sc. (Hons) Horticulture	2 Years	Graduate

Eligibility:

Admission conditions / Criteria (Under-graduate BS (4 Year)

• F. Sc. (Pre-Medical) with a minimum 2nd Division (45% marks) and 45% marks in Biology, Age up to 23 years, Merit, District Quota, Evening / Self-Finance, Sports and Disabled Quota

Semester Breakup:

SCHEME OF STUDIES IN HORTICULTURE

SEMESTER V					
S. No.	Course Code.	Title of the course	Credit Hours	Course Type	
1.	HORT-501	Principles of Fruit Production	4(-3-1)	Major	
2.	HORT-503	Principles of Vegetable Production	3(2-1)	Major	
3.	HORT-505	Principles of Ornamental Crop Production	3(2-1)	Major	
4.	HORT-507	Propagation and Nursery Management	3(1-2)	Major	
5.	HORT-509	In Vitro Propagation	2(1-1)	Major	
6.	HORT-511	Business Management in Horticulture	3(3-0)	Major	

	Total	18(12-6)				
SEMESTER VI						
S. No.	Course Code.	Title of the course	Credit Hours	Course		
				Туре		
1.	HORT-502	Tropical and Sub-Tropical Fruits	3(2-1)	Major		
2.	HORT-504	Summer Vegetables	3(2-1)	Major		
3.	HORT-506	Landscape Horticulture	3(2-1)	Major		
4.	HORT-508	Medicinal and Aromatic Plants	3(2-1)	Major		
5.	HORT-510	Post-Harvest Horticulture	3(2-1)	Major		
6.	HORT-512	Indoor Plant Culture and Scaping	3(2-1)	Major		
	Total		18(12-6)			
SEMESTI	ER VII					
S. No.	Course Code.	Title of the course	Credit Hours	Course		
				Туре		
1.	HORT-601	Research Methods in Horticulture	3(2-1)	Major		
2.	HORT-603	Temperate Fruits	3(2-1)	Major		
3.	HORT-605	Winter Vegetables	3(2-1)	Major		
4.	HORT-607	Commercial Flower Production	3(2-1)	Major		
5.	HORT-609	Breeding of Horticultural Crops	3(2-1)	Major		
6.	HORT-611	Arid Horticulture	3(2-1)	Major		
	Total		18(12-6)			
SEMESTI	ER VIII					
S. No.	Course Code.	Title of the course	Credit Hours	Course		
				Туре		
1.	HORT-602	Internship / Research Project	4(0-4)	Comp.		
2.	HORT-604	Vegetable and Flower Seed Production	3(2-1)	Major		
3.	HORT-606	Protected Horticulture	3(2-1)	Major		
	Total		10(4-6)			
0 1 0	atal: 126 Cradit Ha					

Grand Total: 136 Credit Hours





Introduction:

Plant Breeding and Genetics is taken as a core discipline in agricultural sciences. Plant breeding uses principles from a variety of sciences to improve the genetic potential of plants. The process involves combining parental plants to obtain the next generation with the best characteristics. Breeders improve plants by selecting those with the utmost genetic potential based on performance, pedigree and more sophisticated genetic information. Plants are utilized and improved for food, feed, fiber, fuel, shelter, landscaping, eco-systems services and a variety of other human activities. The Department has six highly qualified Ph.D. faculty members, well acquainted with global experience for research and teaching, well equipped laboratories and sufficient number of acres, as an experimental farm for students and faculty research activities. The department is headed by Prof. Dr. Ijaz Rasool Noorka, who has a vast research experience and received Post Doctorate trainings from United Kingdom and global exposure, in various developed countries of the world. A total of 900 acres' land at new campus, having conventional and had planned, highly pressurized irrigation system, for irrigated and arid research, is available for students and faculty to meet the thirst for novel research. In experimental area of Plant Breeding & Genetics, different research experiments like crossing block designated for major crops, germplasm of cotton (exotic, wild and indigenous), and breeding material of wheat from CIMMYT have been planted for field evaluation and student research.

Objectives:

To nurture academic and research activities for undergraduate and postgraduate levels with following broad vision:

- 1. To plan and conduct basic and applied research in cotton, wheat, rice, maize, vegetables, oil seeds and pulse crops.
- 2. To develop linkages with private, provincial, national and global research institutions to undertake collaborative research projects.

Job opportunities:

• Research Projects and higher chances for entrepreneurship

Faculty Members:

1.	Prof. Dr. Ijaz Rasool Norka Professor and Chairperson Ph.D. inoorka@gudgk.edu.pk
2.	Dr. Wajad Nazeer Associate Professor wnazeer@gudgk.edu.pk
3.	Dr. Shahzadi Mehpara Associate Professor smahpara@gudgk.edu.pk
4.	Dr. Ali Bakhsh Associate Professor abakhsh@gudgk.edu.pk
5.	Dr. Anser Hussain Assistant Professor Ph.D.
6.	Dr. Zia Ullah Zia Assistant Professor Ph.D.
7.	Dr. Irum Aziz Lecturer iaziz@gudgk.edu.pk
8.	Ms. Sanober Gul Lecturer sgul@gudgk.edu.pk
9.	Dr. Maqsood Qadir Lecturer M.Phil.

Programs:

Sr. No.	Program Name	Duration	Level
1.	B.Sc. (Hons) Agriculture, PBG	4 Years	Undergraduate
2.	M. Sc. (Hons) Agriculture, PBG	2 Years	Graduate
3.	Ph.D. PBG	3 Years	Postgraduate

Eligibility:

Admission conditions / Criteria (Under-graduate BS (4 Year)

• F. Sc. (Pre-Medical) with a minimum 2nd Division (45% marks) and 45% marks in Biology, Age up to 23 years, Merit, District Quota, Evening / Self-Finance, Sports and Disabled Quota

Semester Breakup

Semester	Course No.	Title	Credit Hours	Course Type
III	PBG-401	Introductory Genetics	3(2-1)	Supporting
IV	PBG-402	Introductory Plant Breeding	3(2-1)	Foundation
V	PBG-501	Principles of Genetics	3(2-1)	Major
	PBG-503	Breeding Field Crops	3(2-1)	Major
	PBG-505	Cytogenetics	3(2-1)	Major

SCHEME OF STUDIES FOR B.SC. (HONS) AGRICULTURE-PBG

		Enderstate of Direct Directory	2(2,0)	N (a i a ar
	PBG-507	Fundamentals of Plant Biometry	3(3-0)	Major
	PBG-509	Modern Techniques in Plant Breeding	3(2-1)	Major
	PBG-511	Breeding Fodder and Forage Crops	3(2-1)	Major
		Total	18 (13-5)	
VI	PBG-502	Breeding Fibre Crops	3(2-1)	Major
	PBG-504	Breeding Sugar Crops	3(2-1)	Major
	PBG-506	Breeding Maize and Millet	3(2-1)	Major
	PBG-508	Biodiversity and Plant Genetic Resources	3(3-0)	Major
	PBG-510	Molecular Genetics	3(2-1)	Major
	PBG-512	Breeding Minor Crops	3(2-1)	Major
		Total	18 (13-5)	
VII	PBG-601	Breeding Oilseed Crops	3(2-1)	Major
	PBG-603	Breeding Pulse Crops	3(2-1)	Major
	PBG-605	Breeding Vegetable Crops	3(2-1)	Major
	PBG-607	Breeding Cereal Crops	3(2-1)	Major
	PBG-609	Experimentation in Plant Breeding	3(2-1)	Major
	PBG-611	Fundamentals of Research & Scientific Writing	3(3-0)	Major
		Total	18(13-5)	
VIII	PBG-602	Internship/ Research Project	4(0-4)	Compulsory
	PBG-604/	Genomics in Agriculture/ Bio-safety Measures	3(2-1)	Major
	PBG-606	in Crop Improvement		
	PBG-608	Crop Variety Registration and Intellectual	3(3-0)	Major
		Property		-
		Rights		
		Total	10(5-5)	





Plant Protection

Introduction:

The Department of Plant Protection, one of the cores and biggest department in Agricultural Sciences, was established in 2014 under the faculty of Agricultural Sciences, Ghazi University. Department has two main disciplines: Agricultural Entomology and Plant Pathology. Prior 2014, the disciplines, Agricultural Entomology was separate departments under the defunct College of Agriculture, D.G Khan (CADGK) subcampus University of Agriculture, Faisalabad. The degree program B.Sc. (Hons) has been offering since 2000 in the discipline of Agricultural Entomology. The degree program M.Sc. (Hons) was initiated in 2008 in the discipline of Agricultural Entomology. The degree program B.Sc. (Hons) was initiated in 2019 in the discipline of Plant Pathology. The degree program M.Sc. (Hons) was initiated in 2019 in the discipline of Plant Pathology. The degree program M.Sc. (Hons) was initiated in 2019 in the discipline of Plant Pathology.

Objectives:

The ambition of the department is to ensure plant and animal health, availability of healthy and quality food, safe and quality pesticides and sustainable crop production through integrated management of agricultural pests and diseases.

Job Opportunities:

• Higher scholarship and job opportunities in govt and private sector

Faculty Members:

1.	Prof. Dr. Muhammad Kamran Professor and Chairperson Ph.D. hod.pp@gudgk.edu.pk
2.	Dr. M. Shahid Nisar
	Associate Professor
	mnisar@gudgk.edu.pk
3.	Dr. Abdul Hanan
	Associate Professor
	ahanan@gudgk.edu.pk
4.	Dr. Sagheer Atta
	Associate Professor
	satta@gudgk.edu.pk
5.	Dr. Abid Alvi
	Associate Professor
	aalvi@gudgk.edu.pk
6.	Dr. Muhammad Amjad Bashir
	Assistant Professor
	abashir@gudgk.edu.pk
7.	Dr. Ahmad Kamran
	Assistant Professor
	yakhtar@gudgk.edu.pk

8.	Dr. Rehana Bibi	
	Lecturer	
	rbibi@gudgk.edu.pk	
9.	Dr. Yasmeen Akhtar	
	Lecturer	
	yakhtar@gudgk.edu.pk	

Program:

Sr. No.	Program Name	Duration	Level
1.	B.Sc. (Hons) Agriculture, Entomology and Plant Pathology	4 Years	Undergraduate
2.	M. Sc. (Hons) Agriculture, Entomology and Plant Pathology	2 Years	Graduate

3. PhD (Hons) Agriculture, Entomology

Eligibility:

Admission conditions / Criteria (Under-graduate BS (4 Year)

• F. Sc. (Pre-Medical) with a minimum 2nd Division (45% marks) and 45% marks in Biology, Age up to 23 years, Merit, District Quota, Evening / Self-Finance, Sports and Disabled Quota

Semester Breakup:

SCHEME OF STUDIES MAJOR PLANT PATHOLOGY SEMESTER- III

	JEMESTER-III		
	PROPOSED		
Course #	Title	Credit Hours	Course Type
PP-401	Introduction to Plant Pathogens	3(2-1)	FC
Total credit	hours	3	(2-1)
	SEMESTER- IV		
	PROPOSED		
PP-402	Introductory Plant Pathology	3(2-1)	FC
Total credit	hours	3	(2-1)
	SEMESTER-V		
	PROPOSED		
PP-501	Introductory Mycology	3(2-1)	Major
PP-503	Introductory Plant Nematology	3(2-1)	Major
PP-505	Introduction to Prokaryotes	3(2-1)	Major
PP-507	Introduction to Plant Viruses	3(2-1)	Major
PP-509	Abiotic Diseases of Plants	3(2-1)	Major
PP-511	Methods and Techniques in Plant Pathology	3(1-2)	Major
	Total credit hours	18 (11-7)	
	SEMESTER-VI		
	PROPOSED		
PP-502	Beneficial Microorganisms for Sustainable Agriculture	3(2-1)	Major
PP-504	Diseases of Field Crops	3(2-1)	Major
PP-506	Diseases of Fruits and Ornamentals	3(2-1)	Major
PP-508	Introductory Range and Forest Pathology	3(2-1)	Major
PP-510	Plant Diseases Epidemiology	3(2-1)	Major
PP-512	Biology and Cultivation of Edible Fungi	3(2-1)	Major
	Sub-Total credit hours	18	(12-6)
	SEMESTER-VII	1	
	PROPOSED		

		the second se	
PP-601	Plant Disease Management	3(2-1)	Major
PP-603	Soil-borne Plant Pathogens	3(2-1)	Major
PP-605	Biotechnology and its Application in Plant	3(2-1)	Major
	Pathology		
PP-607	Plant Resistance to Diseases	3(2-1)	Major
PP-609	Introductory Molecular Plant Pathology	3(2-1)	Major
PP-611	Pesticides, their Action and Application	3(2-1)	Major
	Total credit hours		(12-6)
	SEMESTER-VIII		
	PROPOSED		
PP-602	Internship / Research project	4(0-4)	Major
PP-604	Plant Quarantine and SPS measures	3(2-1)	Major
PP-606	Histopathology of Diseased Plants	3(2-1)	Major

Grand Total: 136 Credit Hours

SCHEME OF STUDIES FOR M.SC. (HONS.) PLANT PATHOLOGY

Total credit hours

10 (4-6)

NOTE:

1. For the award of degree of M.Sc. (Hons.) Plant Pathology, thesis carries minimum of 6 credit hours.

2. Minimum credit hours of course work for M.Sc. (Hons.) Plant Pathology (excluding thesis) should be 24 including minor subjects which shall not exceed one-third of the total course work.

Explanation: [The ratio of major and minor courses would be 2:1 and shall not apply to credits taken over and above the minimum requirements of 18 credits].

Example: The number of minimum credits under major and minor courses will be 12 and 6. 3. "**Statistics course**" will be compulsory for all the post graduate students {M.Sc. (Hons.)} and considered as deficiency course.

constacte	a as denerency course.	
PP-703	Integrated Plant Disease Management	3(2-1)
PP-704	Fungal Plant Pathology	3(2-1)
PP-707	Plant Nematology	3(2-1)
PP-708	Plant Bacteriology	3(2-1)
PP-710	Vector Transmission of Plant Diseases	3(2-1)
PP-711	Plant Pathology and Environmental Concerns	3(3-0)
PP-713	Ecology and Epidemiology of Plant Diseases	3(2-1)
PP-714	Bioinformatics in Plant Pathology	3(2-1)
PP-716	Genetics of Plant Pathogens	3(3-0)
PP-722	Plant Virology	3(2-1)
PP-791	Seminar	1(1-0)
PP-792	Special Problem	1(1-0)
PP-797	Thesis	6(0-6)

Compulsory Major Courses

•PP-791 Seminar 1 (1-0)

•PP-792 Special Problem 1 (1-0)

•PP-797 Thesis 06 (0-6)

SCHEME OF STUDIES B. SC. (HONS.) AGRICULTURE (MAJOR AGRI. ENTOMOLOGY) SEMESTER- II

SEMESTER- II			
	PROPOSED		
Course #	Title	Credit Hours	Course Type
ENT-302	Introductory Entomology	3(2-1)	FC
Total credit hou	Total credit hours 3 (2-1)		
SEMESTER-III	SEMESTER- III		
	PROPOSED		
Course #	Title	Credit Hours	Course Type
ENT-401	Applied Entomology	3(2-1)	FC
Total credit hours3 (2-1)			

SEMESTER-V			
PROPOSED			
ENT-501 Insect Morphology		3(2-1)	Major
ENT-503 Principles of Insect Taxon	omy	3(2-1)	Major
ENT-505 Insect Ecology	5	3(2-1)	Major
ENT-507 Insect Pests of Household	, Man and Animals	3(2-1)	Major
ENT-509 Insect Behaviour		3(2-1)	Major
ENT-511 Apiculture		3(2-1)	Major
Total credit hours		18 (12-6)	
SEMESTER-VI			
PROPOSED			
ENT-502 Insect Physiology		3(2-1)	Major
ENT-504 Insect Classification and B	iodiversity	3(2-1)	Major
ENT-506 Agricultural Pests and The		4(3-1)	Major
ENT-508 Stored Product Pests and	Their Management	3(2-1)	Major
ENT-510 Beneficial Insects		3(2-1)	Major
ENT-512 Introduction To Insect Ne	rvous System	2(1-1)	Elective
ENT-514 Arachnid Pests and Their	Management	2(1-1)	Elective
Sub-Total credit hours		18 (12-6)	
SEMESTER-VII			
PROPOSED			
ENT-601 Integrated Pest Managem	ient	4(3-1)	Major
ENT-603 Plant Resistance to Insect	t Pests	3(2-1)	Major
ENT-605 Insecticides And Their Ap	oplication	3(2-1)	Major
ENT-607 Range And Forest Entom	ology	3(2-1)	Major
ENT-609 Agriculture And Environ	nental Pollution	3(2-1)	Major
ENT-611 Post-Harvest Protection of	of Cereals	2(1-1)	Elective
ENT-613 Social And Aquatic Insect	S	2(1-1)	Elective
Total credit hours		18 (12-6)	
SEMESTER-VIII			
PROPOSED			
ENT-602 INTERNSHIP/RESEARCH		4(0-4)	Major
ENT-604 BIOLOGICAL CONTROL O	F INSECT PESTS	3(2-1)	Major
ENT-606 SCIENTIFIC WRITING AN	D PRESENTATION	3(2-1)	Major
Total credit hours			10 (4-6)

Grand Total: 136 Credit Hours

NOTE:

SCHEME OF STUDIES FOR MSc (Hons) and PhD ENTOMOLOGY

1. For the award of degree for MSc (Hons) Entomology, thesis carries minimum of 6 credit hours.

2. Minimum credit hours of course work for MSc (Hons) Entomology (excluding thesis) should be 24 including minor subjects which shall not exceed one-third of the total course work.

3. For award of PhD degree, minimum credit hours of course work should be 18 (excluding thesis) followed by a comprehensive examination for granting candidacy as PhD researcher as per HEC guidelines.

Explanation: [The ratio of major and minor courses would be 2:1 and shall not apply to credits taken over and above the minimum requirements of 18 credits].

Example: The number of minimum credits under major and minor courses will be 12 and 6.

4. "Statistics course" will be compulsory for all the post graduate students {M.Sc. (Hons.) and PhD} and considered as deficiency course.

5. PhD thesis must be evaluated by at least two PhD experts from technologically/academically advanced foreign countries in addition to local committee members as per HEC guidelines.

S. No.	Course No.	Title	Credit Hours
1.	ENT-701	Research Methods in Entomology	3(2-1)
2.	ENT-702	Origin and Phylogeny of Insects	3(3-0)
3.	ENT-703	Environmental Entomology	2(2-0)
4.	ENT-704	Advanced Insect Morphology	3(2-1)

5.	ENT-705	Advanced Insect Ecology	3(2-1)
6.	ENT-706	Numerical Taxonomy	3(2-1)
7.	ENT-707	Advanced Insect Physiology and Embryology	3(2-1)
8.	ENT-708	Molecular Entomology	3(2-1)
9.	ENT-709	Insecticide Resistance and Management	3(2-1)
10.	ENT-710	Insects in Relation to Plant Diseases	3(2-1)
11.	ENT-711	Medical and Veterinary Entomology	3(2-1)
12.	ENT-712	Acarology	3(2-1)
13.	ENT-713	Classification of Immature Insects	3(2-1)
14.	ENT-714	Insecticide Toxicology	3(2-1)
15.	ENT-715	Insect Nutrition	3(2-1)
16.	ENT-716	Insecticides and Public Health	3(2-1)
17.	ENT-717	Advances in Biological Control of Insect Pests	3(2-1)
18.	ENT-718	Advances in Insect Behaviour	3(2-1)
19.	ENT-721	Pesticides Application Equipment	3(1-2)
20.	ENT-722	Advances in Pest Management Research	3(2-1)
21.	ENT-723	Insect Cytogenetics and Cytotaxonomy	3(2-1)
22.	ENT-724	Insect Pathology	3(2-1)
23.	ENT-725	Insect Biochemistry	3(2-1)
24.	ENT-726	Chemical Ecology of insects	3(3-0)
25.	ENT-727	Forensic Entomology	3(2-1)
26.	ENT-728	Insect Neurobiology	3(2-1)
27.	ENT-729	Insect Rearing Techniques	3(2-1)

Compulsory Courses

M.Sc. (Hons) Agri. Entomology

28	ENT-791	Seminar	1(1-0)
29	ENT-792	Special Problem	1(1-0)
30	ENT 797	Thesis	6(0-6)

Ph.D. Agri. Entomology

I III III	i ii Diitoinology		
31	ENT-793	Seminar-I	1(1-0)
32	ENT-794	Special Problem	1(1-0)
33	ENT-795	Seminar-II	1(1-0)
34	ENT- 799	Thesis	6(0-6)
-			

Note: Courses taken for MSc (Hons) will not be taken again in PhD degree program as per HEC rules





Introduction:

The role of Soil in the agricultural development of any country is crucial. In case of Pakistan, Agriculture is considered as the backbone of Pakistan's economy contributing 22% in GDP and providing livelihood to 66% population. The agricultural development and sustainability of a country mainly depends on soil resources and environment quality. "No life without soil and no soil without life; they have evolved together". Fundamental knowledge of soil and Environment is not only vital for good health and crop production, but also for natural resources management, climate change and environmental policy and protection. Our degree programs are arranged to prepare students to address agricultural, environmental and soil related challenges in Pakistan and around the globe. We are offering both undergraduate programs i.e. B.Sc. (Hons.) Agriculture-Soil Science, BS-Environmental Science and Postgraduate Programs i.e., M.Sc. (Hons) Soil Science and MS-Environmental Science. In near future PhD programs will be started. After graduation, our students serve in Public and Private sector research, academia, industry and advisory services.

Objectives:

Our mission and objective are to provide knowledge and science-based solutions for addressing food security, public health, protection of natural resources and environment in Dera Ghazi Khan, Pakistan, by producing quality graduates.

Job Opportunities:

The Department of Soil and Environmental Sciences has highly qualified staff having Ph.D. degree and research expertise in sustainable management of soil and Environmental resources including sustainable management of Agriculture system, rehabilitation of degraded soils and natural resource management. Department has all basic equipment in Laboratory to carry out research relevant to Soil and Environmental Sciences. To address the issues faced by the farmers, the department has following research groups; 1) Saline Agriculture, 2) Soil Fertility and Plant Nutrition, 3) Soil and Environmental Chemistry and 4) Soil Physics 5) Soil microbiology and Biochemistry 6) Environmental Science 7) Climate Change. As a student/ Researcher in this department you will not only be able to understand the issues related to soil and Environmental Science but will gain practical knowledge about their sustainable management through laboratory and filed work.

Faculty Members:

1. Dr. Safdar Bashir Associate Professor and Chairperson Ph.D. sabashir@gudgk.edu.pk



2.	Dr. Nosheen Mirza Associate Professor nmirza@gudgk.edu.pk
3.	Dr. Asif Hussain
	Assistant Professor
	ahusain@gudgk.edu.pk
4.	Dr. Muhammad Abdul Qayyum
	Assistant Professor
	aqayoom@gudgk.edu.pk
5.	Dr. Saqib Bashir
	Assistant Professor
	Ph.D.
6.	Dr. Sanaullah Yasin
	Lecturer
	Ph.D.

Program:

Sr. No.	Program Name	Duration	Level
1.	B.Sc. (Hons) Agriculture, Soil Sciences	4 Years	Undergraduate
2.	BS, Environmental Sciences	4 Years	Undergraduate
3.	M. Sc. (Hons) Agriculture, Soil Sciences	2 Years	Graduate

Eligibility:

Admission conditions / Criteria (Under-graduate BS (4 Year)

• F. Sc. (Pre-Medical) with a minimum 2nd Division (45% marks) and 45% marks in Biology, Age up to 23 years, Merit, District Quota, Evening / Self-Finance, Sports and Disabled Quota

Semester Breakup:

SCHEME OF STUDIES B.SC. (HONS.) AGRICULTURE-MAJOR SOIL SCIENCE

SEMESTER I					
S. No.	Course Code	Title of the course	Credit Hours	Course Type	
1.	SES-301	Soil Science-I	3(2-1)	FC	
	Total		3(2-1)		
SEMEST	TER II				
S. No.	Course Code	Title of the course	Credit Hours	Course Type	
1.	SES-302	Soil Science-II	3(2-1)	FC	
	Total		3(2-1)		
SEMEST	TER V				
S. No.	Course Code	Title of the course	Credit Hours	Course Type	
1.	SES-501	Physical Properties of Soil	3(2-1)	Major	
2.	SES-503	Chemical Properties and of Soil	3(2-1)	Major	
3.	SES-505	Instrumentation Laboratory Techniques	3(1-2)	Major	
4.	SES-507	Soil Genesis and Morphology	3(2-1)	Major	
5.	SES-509	Soil-Water-Plant Relationship	3(3-0)	Major	
6.	SES-511	Plant growth under Stress Environment	3(2-1)	Major	
	Total		18(12-6)		
SEMEST	TER VI				
S. No.	Course Code	Title of the course	Credit Hours	Course Type	
1.	SES-502	Salt-Affected Soils and Water Quality	3(2-1)	Major	
2.	SES-504	Soil Fertility and Fertilizer Use	3(2-1)	Major	

		20.00 kg		
3.	SES-506	Soil Survey and Land Evaluation	3(2-1)	Major
4.	SES-508	Soil and Water Conservation	3(2-1)	Major
5.	SES-510	Pollutant Movement in Soil	3(2-1)	Major
6.	SES-512	Microbial Ecology and Plant growth	3(3-0)	Major
	Total		18(13-5)	
SEMES	TER VII			
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	SES-601	Soil Microbiology	3(2-1)	Major
2.	SES-603	Applied Statistics for Soil and Environment	3(2-1)	Major
3.	SES-605	Research Project and Scientific Writing	3(2-1)	Major
4.	SES-607	Municipal and Agro Waste Management	3(3-0)	Major
5.	SES-609	Carbon Sequestration in Soil	3(2-1)	Major
6.	SES-611	Saline Agriculture	3(2-1)	Major
	Total		18(13-5)	
SEMES	TER VIII			
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	SES-602	Internship/ Research Project	4(0-4)	Comp./Major
2.	SES-604	Land Degradation and Management	3(3-0)	Major
3.	SES-606	Trace Elements in Agriculture	3(2-1)	Major
	Total		10(5-5)	
a 15				

Grand Total: 136 Credit Hours

SCHEME OF STUDIES (BS ENVIRONMENTAL SCIENCE)

SEMESTER I					
S. No.	Course Code	Title of the course	Credit Hours	Course Type	
1.	ENV-301	Introduction to Environmental Science	3(3-0)	Foundation	
2.	BIO-301	Functional Biology	3(2-1)	General	
3.	CHEM-303	General Chemistry	3(2-1)	General	
4.	MATH-307	Mathematics I (Introduction to Algebra)	3(3-0)	Compulsory	
5.	ENG-307	English-I Functional English	3(3-0)	Compulsory	
6.	PST-301	Pakistan Studies	2(2-0)	Compulsory	
	Total		17(15-2)		
SEMES	TER II				
S. No.		Title of the course	Credit Hours	Course Type	
1.	ENV-302	Introduction to Earth Sciences	3(2-1)	Foundation	
2.	BIO-302	Diversity of Life	3(2-1)	General	
3.	STAT-301	Introduction to Statistics	3(3-0)	Compulsory	
4.	SOC-301	Introduction to Sociology	3(3-0)	Compulsory	
5.	ENG-308	English-II Communication Skills	3(3-0)	Compulsory	
6.	IS-302	Islamic Studies/Ethics	2(2-0)	Compulsory	
	Total		17(15-2)		
SEMES					
S. No.	Course Code	Title of the course	Credit Hours	Course Type	
1.	CS-301	Introduction to Information and Communication Technologies	3(2-1)	Compulsory	
2.	PHY-620	Environmental Physics	3(2-1)	Foundation	
3.	ENV-401	Environmental Chemistry	3(3-0)	Foundation	
4.	ECON-303	Introduction to Economics	3(3-0)	General	
5.	ENG-409	English-III Technical Writing and Presentation Skills	3(3-0)	Compulsory	
6.	PHIL-301	Introduction to Philosophy	3(3-0)	General	
	Total		18(16-2)		
SEMES	TER IV				
S. No.	Course Code	Title of the course	Credit Hours	Course Type	
1.	ENV-402	Integrated Water Resource Management	3(3-0)	Elective	

r				
2.	ENV-404	Environmental Microbiology	3(2-1)	Foundation
3.	ENV-406	Environmental Pollution	3(3-0)	Foundation
4.	ENV-408	Climatology	3(3-0)	Foundation
5.	ENV-410	Soil and Environment	3(3-0)	Compulsory
6.	PSY-301	Introduction to Psychology	3(3-0)	General
	Total		18(17-1)	
SEMES			<u>.</u>	
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	ENV-501	Applied Ecology	3(3-0)	Major
2.	ENV-503	Environmental Toxicology	3(3-0)	Major
3.	ENV-505	Environmental Profile of Pakistan	3(3-0)	Foundation
4.	ENV-507	Population and Environment	3(3-0)	Foundation
5.	ENV-509	Analytical Techniques in Environmental Science	3(1-2)	Foundation
6.	ENV-511	Energy and Environment	3(3-0)	Elective
	Total		18(16-2)	
SEMES	TER VI			
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	ENV-502	Environmental Economics	3(3-0)	Major
2.	ENV-504	GIS and Remote Sensing	3(2-1)	Major
3.	ENV-506	Environmental Management System	3(3-0)	Elective
4.	ENV-508	Biodiversity and Conservation	3(2-1)	Major
5.	ENV-510	Environmental Monitoring	3(3-0)	Major
6.	ENV-512	Air and Noise Pollution	3(3-0)	Elective
	Total		18(16-2)	
SEMES	TER VII			
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	ENV-601	Climate Change	3(3-0)	Major
2.	ENV-603	Environmental Impact Assessment	3(3-0)	Major
3.	ENV-605	Natural Resource Management	3(3-0)	Major
4.	ENV-607	Research Methods in Environmental Science	3(3-0)	Foundation
5.	ENV-609	Preparation of Research Projects and Scientific Writings	3(2-1)	Major
6.	ENV-611	Solid Waste Management	3(3-0)	Elective
	Total	Ĭ	18(17-1)	•
SEMES	TER VIII			
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	ENV-602	Cleaner Production Technology	3(3-0)	Major
2.	ENV-604	Public Health and Environment	3(3-0)	Major
3.	ENV-606	Pollution Control Technologies	3(3-0)	Major
4.	ENV-608	Project	4(0-4)	Major
	Total		13(9-4)	
	Total: 127 Cred			

Grand Total: 137 Credit Hours

SCHEME OF STUDIES (MS-ENVIRONMENTAL SCIENCE)

A. CORE COURSES						
S. No.	Course Code	Title of the course	Credit Hours	Course Type		
1.	ENV – 701	Research Methods in Environmental Science	3(3-0)	Core		
2.	ENV – 703	Climate Change and Environmental Sustainability	3(3-0)	Core		
3.	ENV – 705	Environment Impact Assessment (EIA)	3(3-0)	Core		
4.	ENV – 707	Environmental Chemistry	3(3-0)	Core		
	Total		12(12-0)			

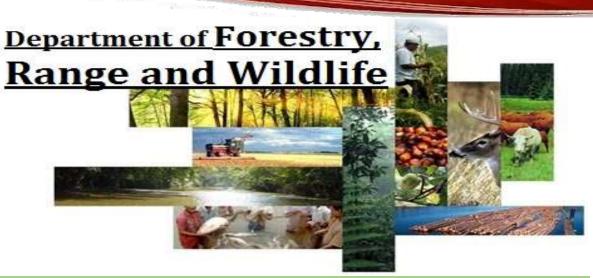
B. ELECTIVE COURSES:

The Committee proposed the following elective courses from which least four should be selected for MS program, after the approval from competent authority. Credit Hours Course Type

		42,539		
1	ENV – 702	Instrumental Analysis and Analytical Techniques	3(2-1)	Elective
2	ENV – 704	Soil and Environmental Microbiology	3(3-0)	Elective
3	ENV – 706	Circular Economy	3(3-0)	Elective
4	ENV – 708	Wetland Management	3(3-0)	Elective
5	ENV – 710	Environmental Applications of GIS and Remote Sensing	3(2-1)	Elective
6	ENV – 712	Population Dynamics and Environment	3(3-0)	Elective
7	ENV – 714	Environmental Risk Assessments and Management	3(2-1)	Elective
8	ENV – 716	Sustainable Agriculture	3(3-0)	Elective
9	ENV - 718	Health & Occupational Safety	3(2-1)	Elective
10	ENV – 720	Bio-sequestration and Environment	3(3-0)	Elective
11	ENV – 722	Advances in Plant Ecology	3(3-0)	Elective
14	ENV – 724	Laboratory Management and Practices	3(1-2)	Elective
15	ENV – 726	Agrochemicals and Environment	3(3-0)	Elective
16	ENV – 728	Soil Contamination and Remediation	3(3-0)	Elective
17	ENV – 730	Water and Air Contamination	3(2-1)	Elective
18	ENV – 732	Treatment and Management of Wastewater	2(2-0)	Elective
19	ENV – 734	Solid Waste Management	3(3-0)	Elective
20	SES-735	Environmental Application of Nanomaterials	2(2-0)	Elective
21	ENV – 736	Biofortification and Global Health	3(3-0)	Elective







Introduction:

Department of Forestry, Range and Wildlife was established in 2014, when college of Agriculture Dera Ghazi Khan was merged into Ghazi University and became the part of Faculty of Agricultural Sciences. Initially this Department was limited to offer the minor courses of forestry and range management as a major subject for the students of B.Sc. (Hons) Agriculture. The major in Forestry, Range and Wildlife was started in fall 2019-20. Focusing the forests, range and wildlife situation of the country, department is striving for the excellence in research and education. The prime aims of the department are to ensure sustainable flow of wood and non-wood forest products and services, as well as needs to adopt e the innovative and sustainable strategies for the protection of Biodiversity for future generation prosperity. Highly qualified faculty is contributing to research and academic activities with their maximum potential for the sustainable growth in agro-forestry.

Objectives:

The Department is to provide quality education with the aim to produce trained and skilled human resources in various fields of Forestry through formal classroom teaching, field & laboratory research and outreach activities. Program objectives intend to:

- impart basic knowledge and scientific skills in forestry and related fields
- build up the department on modern lines for education, research and training
- conduct research focusing sustainable forest, range and Wildlife management & conservation
- engage local society, forest, range & Wildlife officials to identify the problems and find the solutions of those problems.
- promote awareness among all stakeholders, policy makers and community in general about forests, range & Wildlife Conservation and management for sustainable development.
- develop closer linkages with line departments and research organizations for mutual collaboration in research/developmental activities

Semester Breakup:

SCHEME OF STUDIES IN FORESTRY MAJOR

SEMESTER V				
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	FRW-501	Energy Plantations and Biofuels	3(2-1)	Major
2.	FRW-503	Forest Policy and Law	3(3-0)	Major
3.	FRW-505	Wood Science and Technology	3(2-1)	Major
4.	FRW-507	Fundamentals of Silviculture	3(2-1)	Major
5.	ENGG-501	Forest Surveying and Leveling	3(2-1)	Major
6.	ENGG-503	Forest Engineering	3 (2-1)	Major
	Total		18(13-5)	
SEMESTER VI				

S. No.	Course Code	Title of the course	Credit Hours	Course Type		
1.	FRW-502	Principles of Forestry and Watershed Management	3(2-1)	Major		
2.	FRW-504	Tree Eco-Physiology	3 (2-1)	Major		
3.	FRW-506	Forest Biometrics	3 (2-1)	Major		
4.	FRW-508	Range Management	3 (2-1)	Major		
5.	FRW-510	Wildlife Management	3 (2-1)	Major		
6.	FRW-512	Non-Wood Forest Products	3 (3-0)	Major		
	Total		18(13-5)			
SEMES	SEMESTER VII					
S. No.	Course Code	Title of the course	Credit Hours	Course Type		
1.	FRW-601	Ecotourism and Park Management	3(3-0)	Major		
2.	FRW-603	Afforestation of Degraded Lands	3(2-1)	Major		
3.	FRW-605	Agro-Forestry Systems	3(3-0)	Major		
4.	FRW-607	Forest Entomology	3(2-1)	Major		
5.	FRW-609	Forest Pathology	3(2-1)	Major		
6.	FRW-611	Forest Resource Economics	3(3-0)	Major		
	Total		18(15-3)			
SEMES	SEMESTER VIII					
S. No.	Course Code	Title of the course	Credit Hours	Course Type		
1.	FRW-602	Internship/Research Project	4(0-4)	Major		
2.	FRW-604	Forest Management Plan – I	2(2-0)	Major		
3.	FRW-606	Forest Management Plan – II	2(0-2)	Major		
4.	FRW-608	Research Methods and Scientific Writing	g 2(2-0)	Major		
	Total		10(4-6)			

Grand Total: 136 Credit Hours

Other Faculty Members of Agriculture Faculty:

1.	Dr. Nisar Hussain
	Assistant Professor, Agriculture
	Education and Extension
	<u>nhussain@gudgk.edu.pk</u>
2.	Dr. M. Hammad Raza
	Lecturer, Agriculture Education and
	Extension
3.	Dr. Salman Ata
	Lecturer, Agriculture Education and
	Extension
4.	Dr. Hasnain Farooq
	Lecturer, Forestry, Range and
	Wildlife
	hfarooq@gudgk.edu.pk
5.	Ms. Mehak Shaheen
	Lecturer, Forestry, Range and
	Wildlife
6.	Dr. Matlob Ahmad
	Lecturer, Agriculture Engineering &
	Technology
	mahmad@gudgk.edu.pk
7.	Dr. Tahira Batool
	Associate Professor, Agriculture
	Engineering & Technology
	tahira7qais@gmail.com

- 8. Mr. Talat Bilal Yasoob Lecturer, Animal Sciences tyasoob@gudgk.edu.pk
- 9. Mr. M. Khurram Shahzad Lecturer, Animal Sciences

SCHEME OF STUDIES IN AGRI. EXTENSION MAJOR				
SEMESTER V				
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	AEE-501	Communication and Leadership Skills in Agricultural Extension	3(2-1)	Major
2.	AEE-503	Introduction to Extension Education Methods	3(3-0)	Major
3.	AEE-505	History and Philosophy of Agricultural Extension	3(2-1)	Major
4.	AEE-507	Rural Development Programs in Pakistan	3(3-0)	Major
5.	AEE-509	Agricultural Technology Transfer	3(2-1)	Major
6.	AEE-511	Biodiversity and Agricultural Extension	3(2-1)	Major
	Total		18(14-4)	,
SEMEST	TER VI	·		
S. No.	Course Code	Title of the course	Credit Hours	Course Type
1.	AEE-502	Agricultural Journalism	3(2-1)	Major
2.	AEE-504	Adult Learning	3(2-1)	Major
3.	AEE-506	Extension Programme Development	3(2-1)	Major
4.	AEE-508	Sustainable Rural Livelihoods	3(2-1)	Major
5.	AEE-510	Poverty Alleviation and Sustainable Development	3(3-0)	Major
6.	AEE-512	Distance Education	3(2-1)	Major
	Total		18(13-5)	
SEMEST			10(10 0)	
S. No.	-	Title of the course	Credit Hours	Course Type
1.	AEE-601	Introduction to Cyber Extension	3(2-1)	Major
2.	AEE-603	Human Resource Development	3(2-1)	Major
3.	AEE-605	Research Methods in Social Sciences	3(2-1)	Major
4.	AEE-607	Preparation of Research Project and Scientific Writing	3(2-1)	Major
5.	AEE-609	Agricultural Extension and Gender Studies	3(3-0)	Major
6.	AEE-611	Food Security and Agricultural Extension	3(2-1)	Major
	Total		18(13-5)	· · · · ·
SEMEST	TER VIII	·		
S. No.	Course Code.	Title of the course	Credit Hours	Course Type
1.	AEE-602	Internship / Research Project	4(0-4)	Compulsory
2.	AEE-604	Agricultural Advertising	3(2-1)	Major
3.	AEE-606	Introduction to Program Evaluation	3(2-1)	Major
	Total		10(4-6)	

Grand Total: 136 Credit Hours



Semester	Course Cod	e Course Title	Credit Hours	Course Type
3rd				
	PBG-401	Introductory Genetics	3(2-1)	Supporting
4th				
	PBG-402	Introductory Plant Breeding	3(2-1)	Supporting
5th				
	SST-501	Principles of Seed Science & Technology	3(2-1)	Major
	SST-503	Physiology of Seed Development	3(2-1)	Major
	SST-505	Seed Production in Various Crops	3(2-1)	Major
	SST-507	Seed Health and Vigor	3(2-1)	Major
	SST-509	Seed Production of Transgenic Crops	3(2-1)	Major
	PBG-509	Modern Techniques in Plant Breeding	3(2-1)	Supporting
		Total Credit Hours	18	
6th				
	SST-502	Principals of Seed Technology	3(2-1)	Major
	SST-504	Seed Germination and Dormancy	3(2-1)	Major
	SST-506	Seed Certification and Registration	3(2-1)	Major
	SST-510	Biological Potential of Various Crops	3(2-1)	Major
	PBG-508	Biodiversity and Plant Genetic Resources	3(3-0)	Supporting
	PBG-510	Molecular Genetics	3(2-1)	Supporting
		Total Credit Hours	18	
7th				
-	SST-601	Seed Testing	3(2-1)	Major
	SST-603	Seed Storage	3(2-1)	Major
	SST-605	Seed Enhancement	3(2-1)	Major
	SST-607	Preparation of Research Project and Scientific Writing	2(1-1)	Major
	PP-601	Plant Disease Management	3(2-1)	Supporting
	PBG-604	Genomics in Agriculture	3(2-1)	Supporting
		Total Credit Hours	17	
8th				
	SST-602	Internship / Research Project	4(0-4)	Major
	PBG-606	Bio-Safety Measures in Crop Management	3(2-1)	Supporting
	PBG-608	Crop Variety Registration and Intellectual Property Rights	3(3-0)	Supporting
		Total Credit Hours	10	

SCHEME OF STUDIES FOR B.SC. (HONS) AGRI. MAJOR SEED SCIENCE AND TECHNOLOGY

Seed Technology

SEMEST		IE OF STUDIES (BS FOOD SCIENCE AND '	TECHNO	DLOGY)	
S. No.	Course Code.	Title of the course	Cr	edit Hours	Course Type
1.	MATH-307/BIO- 301	Mathematics I (Introduction to Algebra) , Functional Biology		3-0) / 2-1)	Compulsory
2.	AGRON-301	Basic Agriculture		2-1)	Compulsory
3.	ENG-307	English-I Functional English		3-0)	Compulsory
4.	CS-301	Introduction to Information and		2-1)	Compulsory
		Communication Technologies	- (-	,	yy
5.	HORT-301	Introductory Horticulture	3(2	2-1)	Foundation
6.	FST-301	Introduction to Food Science and Techno		2-1)	Compulsory
	Total			18(14-4	
SEMES	TER II				, ,
S. No.	Course Code.	Title of the course	Credit I	Hours C	ourse Type
1.	MATH-310/ BIO-	Mathematics II (Introduction to Calculus)			ompulsory
	302	/ Diversity of Life	3(2-1)	-	p y
2.	STAT-301	Introduction to Statistics	3(3-0)	F	oundation
3.	PST-301	Pakistan Studies	2(2-0)		ompulsory
4.	ENG-308	English II Communication Skills	3(3-0)		ompulsory
5.	FST-302	Food Processing & Preservation	3(2-1)		lajor
6.	FST-304	Fundamentals of Human Nutrition	3(3-0)		lajor
0.	Total			1/15-2)	
SEMES					
S. No.	Course Code.	Title of the course	Credit I	Hours C	ourse Type
1	IS-302	Islamic Studies / Ethic for Non-Muslims	2(2-0)		ompulsory
2.	AH-401	Introduction to Animal Husbandry	2(1-1)		upporting
3.	AEE-501	Communication and Leadership Skills in Agricultural Extension	3(2-1)		upporting
4.	ECON-503	Agricultural Economics	3(3-0)	F	oundation
5.	CHEM-404	Introduction to Biochemistry	3(2-1)		upporting
6.	FST-401	General Microbiology	3(2-1)		lajor
6. 7.	FST-403	Food Quality Management	2(2-0)		lajor
	Total		18(14-4		,
SEMES			10(14-	ŦJ	
S. No.	Course Code.	Title of the course	Credit l	Hours C	ourse Type
1.	ENT-508	Stored Product Pests & Their Management	3(2-1)		upporting
2.	PBG-402	Introductory Plant Breeding	3(2-1)	F	oundation
2. 3.	FST-402	Unit Operations in Food Processing	3(2-1)		lajor
3. 4.	FST-404	Instrumental Techniques in Food Analysis	3(1-2)		lajor
5.	FST-406	Food Safety	3(3-0)	π,	lajor
5. 6.	FST-408	Food Chemistry	3(3-0)		lajoi lajor
0.	Total		18(13-)		lajUl
SEMES			10(13-	5)	
SEMES S. No.	Course Code.	Title of the course	Credit	Hours	ourse Type
1.	FST-501	Fruits and Vegetables Processing	3(2-1)		lajor
1. 2.	FST-503	Cereal Technology	3(2-1)		lajor
2. 3.	FST-505	Sugar Technology	3(2-1)		lajor
3. 4.	FST-505	Technology of Fats and Oils	3(2-1)		lajor
4. 5.	FST-507	Food Process Engineering	4 F		lajor
	FST-509	Beverage Technology	3(2-1) 3(2-1)		lajor lajor
6	II.91-9TT	Deverage recimology	D(2-1)		10101
6.			10	(12-6)	
	Total		18	(12-6)	
6. SEMES S. No.	Total	Title of the course	18 Credit		ourse Type

FST-504	Food Plant Layout	2(2-0)	Major
FST-506	Confectionery and Snack Foods	3(2-1)	Major
FST-508	Bakery Products Technology	3(2-1)	Major
FST-510	Postharvest Technology	3(2-1)	Major
FST-512	Food Microbiology	3(2-1)	Major
Total		17(12-5)	
TER VII			
Course Code.	Title of the course	Credit Hours	Course Type
FST-601	Meat Technology	3(2-1)	Major
FST-603	Dairy Technology	3(2-1)	Major
FST-605	Food Biotechnology	3(2-1)	Major
FST-607	Food Packaging	3(2-1)	Major
FST-609	Sensory Evaluation of Foods	3(2-1)	Major
FST-611	Food Product Development	3(2-1)	Major
Total		18(12-6)	
TER VIII			
Course Code.	Title of the course	Credit Hours	Course Type
FST-602	Internship / Research Project	4(0-4)	Compulsory
FST-604	Research and Scientific Writing	3(2-1)	Major
FST-606	Food Laws and Regulations	3(3-0)	Major
Total		10(5-5)	
	FST-506 FST-508 FST-510 FST-512 Total FER VII Course Code. FST-601 FST-603 FST-605 FST-607 FST-609 FST-611 Total FER VIII Course Code. FST-604 FST-606	FST-506Confectionery and Snack FoodsFST-508Bakery Products TechnologyFST-510Postharvest TechnologyFST-512Food MicrobiologyTotalImage: Course Code.FER VIITitle of the courseFST-601Meat TechnologyFST-603Dairy TechnologyFST-605Food BiotechnologyFST-607Food PackagingFST-609Sensory Evaluation of FoodsFST-611Food Product DevelopmentTotalImage: Course Code.FER VIIIImage: Course Code.FST-602Internship / Research ProjectFST-604Research and Scientific WritingFST-606Food Laws and Regulations	FST-506Confectionery and Snack Foods3(2-1)FST-508Bakery Products Technology3(2-1)FST-510Postharvest Technology3(2-1)FST-512Food Microbiology3(2-1)Total17(12-5)TER VIITotalCourse Code.Title of the courseFST-601Meat TechnologyST-603Dairy TechnologyST-605Food BiotechnologyST-607Food PackagingFST-609Sensory Evaluation of FoodsST-611Food Product DevelopmentS(2-1)3(2-1)Total18(12-6)TER VIIIExperimental for the courseCourse Code.Title of the courseCourse Code.Title of the courseFST-601Research Project4(0-4)S(2-1)FST-602Internship / Research ProjectFST-604Research and Scientific WritingS(2-1)S(2-1)FST-606Food Laws and RegulationsS(3-0)



-111-



-112-



RESEARCH JOURNAL "GU JOURNAL OF PHYTOSCIENCES"

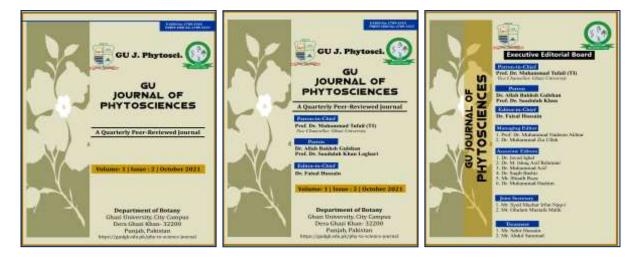
About

GU JOURNAL OF PHYTOSCIENCES (GUJP) is a peer review open access journal that is publishing quarterly. It is publishing authentic research in the form of original research articles and reviews in the field of Plant, Biological, Environmental and Agricultural Sciences. **GU JOURNAL OF PHYTOSCIENCES** will be recognized by Higher Education Commission of Pakistan very soon in future and will be included in well reported indexing.

Aim and scope

GU JOURNAL OF PHYTOSCIENCES (GUJP) is a peer reviewed, multidisciplinary science journal and have ROAD abstracted/ indexed as well as online ISSN No. 2789-3545 and Print No. 2789-3537. The journal has published selected original research articles and reviews in the field of plant, biology, environment and agriculture in relation with other pure and applied science like medical sciences with the aspects of plants. The scope of journal is therefore necessarily broad to cover recent discoveries in all areas of biological sciences at the interface of related disciplines.

The main objective of the journal is to bring the latest developments in the field of plant, biology, and agriculture to professional and academic researchers. The journal is publishing research papers and review articles, covering various aspects of basic and applied biology. Associate Editors and members of international and national Advisory Board are eminent researchers in their respective fields.





-113-

RESEARCH JOURNAL *"PAKISTAN JOURNAL OF ENVIRONMENTAL AND LIFE SCIENCES - (PAK* JELS)"

About:

The Department of Soil and Environmental Sciences publishing authentic research in the form of original research articles and reviews in the field of Biological, Environmental and Agricultural Sciences. It will be recognized by Higher Education Commission of Pakistan very soon in future and will be included in well reported indexing.

RESEARCH JOURNAL "AL-AAFAQ"

About:

The Department of Islamic Studies publishing authentic research in the form of original research articles and reviews in the field of Islamic studies and history. It will be recognized by Higher Education Commission of Pakistan very soon in future and will be included in well reported indexing.

GHAZI UNIVERSITY OF BOTANICAL SOCIETY (GUBS):

The GUBS has been established with the approval of Honorable Vice Chancellor Ghazi University Khalique Ahmad from the date of 16 February 2016 on the morsel wish and request of Dr. Allah Bakhsh Gulshan and Dr. Abdul Hannan, Department of Botany. The Botanist approach link Society would be travelled to make the green and peace of our homeland. Plants have intrigued people for thousands of years. They provide aesthetic beauty as well as materials for our basic needs. Today our world presents new and complex problems that were never dreamed of a century



ago. For instance, increasing human population is linked to environmental problems of gigantic proportion. Coupled to the need for more food is increasingly greater environmental impact. One of the best things about plant science is the number of different specialties and career opportunities from which you can choose. This diversity allows people with different backgrounds, aptitudes, and interests to find satisfying careers in plant biology. More than many other scientific fields, botany continues to provide opportunities for women as well as men. There are few things more fulfilling than to work in a job that is both fun to do and a benefit to others.

I wish to encourage members of the public: Students, young and old, male and female, all races, cultures, beliefs, local and foreign to join the Botanical Society.

Society Vision:

The Vision is to be the best voluntary membership-based society offering value proposition to the members through its activities.

Society Core objectives:

- To promote a caring attitude towards biodiversity, indigenous flora, vegetation of throughout Pakistan in general and Particularly in Southern Punjab amongst all people. It provides a forum for positive collective action by offering its membership to all individuals and organizations sharing its mission.
- To conservation of native flora.
- To increase knowledge and understanding of the indigenous flora and vegetation of Pakistan through environmental education, awareness campaigns, outreach and research-based activities.
- > To communicate & co-operate, and work together with likeminded institutions and organizations, when considered appropriate.
- To encourage passion and interest the people of Southern Punjab and visitors in the progress and development of a Botanical Gardens, which would be established by the Board of the Botanical Society of Ghazi University Dera Ghazi Khan or its successor and to encourage active support of local National Botanical Gardens of Pakistan
- Scientific journal would be published in future at the forum of this Society.



CAMPUS FACILITIES

i. Library

There is a large collection of books in the central library comprising of more than 50000 books covering all areas, it has a seating capacity of about 200 students. Research Journals, Dictionaries, Encyclopedias, Newspapers and Books of general interest are also available.

ii. Computer Laboratory

A central computer laboratory equipped with 40 computers is available to all classes and departments for assignment preparation and literature search.

iii. Ladies/ Girls Common Room

In each department, a ladies/ Girl's common room is available separately for prayer and relaxation.

iv. Lecture Hall/Auditorium

More than two lecture/ seminar halls are available in the University with a seating capacity of 50-100. However, The Multipurpose Hall is available for mega programs and conference which is well equipped with multimedia and overhead systems.

v. Student Transport

The university has its own well-established transport system for students/staff and faculty for daily picks and drops. The Transport Department also provides vehicles for study and excursion tours. A shuttle service is also there for intra-city transportation.

vi. Medical Facilities for Faculty and Students

The Health Centre in the campus provides emergency, OPD and basic heath hospital unit facilities. Services for general medical care is available.











vii. Academic Counseling

Guidance is available to the students from teachers beyond teaching classes. There is a Career and Counseling Centre in the University to help out the students. Faculty members make informal communication with students in tutorials and discuss matters related to studies and career designing. A student Advisor is there for consultation on academic and other matters. All the faculty members also advise students during their research tenure.

viii. Student's attendance record

Students' attendance record system is in practice and calculated/observed before the final term examination. Students with less than 75% attendance are not allowed to sit in examination as per University Semester Rules.

ix. Financial Support to Students

Number of scholarships available for students *i.e.*, Needy and Post Graduate Scholarships. Many other scholarships like HEC, PEEF, District, Province, and DPCC scholarships are being given which are also displayed on notice board from time to time. Split Ph.D., Indigenous Ph.D. and IRSIP scholarships are available for students, and they get them if they qualify.

x. Greenhouse, Experimental Area

There are experimental areas available for the field work of research students. A Green house in the ground opposite to the Chairperson's office of Department of Botany. It consists of a screen house and about ten experimental areas for student's research. Greenhouses of different dimensions have been constructed for experiments with plants in the Department. These are meant for in vivo treatment of plants and research experiments.

x. Mosque

A mosque is centrally located in campus for pray. All teaching, nonteaching staff and students can offer the pray in mosque. It has maximum 250-300 capacity of person to offer pray at a time.

xi. Central Canteen/ Cafeteria

Two main cafeteria facilities are available for faculty, non-teaching staff, students and visitors. The all types of food items, refreshment material and food stuff are commercially available in campus.













-116-

CO-CURRICULAR ACTIVITIES

Importance with Examples



i. Annual Sports

Annual sports are regularly arranged in the university to develop orientation for teamwork and sportsman spirit in the students. Prizes/certificates are awarded to the winners of various events and competitions.

ii. Field Study Tours

Annually large number of field tours are arranged to create the awareness among students and as per given syllabi object. The natural vegetation sites like forests, wastelands, deserts, geological, model farms, archeological, ecological, biological and historical sites and others significant sites to impart on-site knowledge and strengthen the theoretical concepts of students. Study tours are arranged at least once during the academic year. Collection and identification of specimen is also done by the students.





-117-

iii. Events:

The number of events is held throughout the year to engage students in curricular and co-curricular activities. Scientific Workshops, Seminars, awareness Campaigns, World Environmental Day, World Ecologist Day, World Biodiversity Day, Awareness walk, and Competitions are organized in campus including debates, quizzes, essay writing etc. Welcome and Farewell parties for students of all classes and academic relevant other programs is arranged once during the year.





Program Fee Structures:

Fee structure (Fall- 2021)

<u>Fee Structure Breakup</u>

BS Fee Structure Academic Session 2020-2021 and onward (Morning Program)			
Degree Program	Section	Semester	Description
		1st Semester	22,600
Undergraduate Degree Programs (4 Year BS)	Morning		
		2nd-8th Semesters	15,900
		1st Semester	36,250
	Evening		
		2nd-8th Semesters	30,050
		1st Semester	41,300
MS/MPhil/MSc (Hons) Degree Programs	-		
		2nd-4th Semesters	35,100
		1st Semester	22,600
B.Ed. 1.5 (3 Semester Degree Program)	Morning		
		2nd-3rd Semesters	15,900
BBA-2 Year (4 Semester Degree Program (Old		1st Semester	22,600
MBA)	Morning		
		2nd-4th Semesters	15,900
		1st Semester	36,250
	Evening		
		2nd-4th Semesters	30,050

BS Fee structure (Morning Program)

Description	First Semester	Subsequent Semester
Once at the time of Admission		
Admission Fee	2000	0
University Registration Fee	1500	0
Certificate / Degree Verification Fee	2500	0
Bus Card / ID Card	100	0
Per Semester		
Magazine Fund	100	0
Tuition Fee	6000	6000
Sports Fee	300	300
Medical Fee	200	200
Student Welfare Fund	300	300
Internet Fee / IT Charges	600	600
Endowment Fund	800	800
Mosque Fund	100	100
Examination Fee	1500	1500
Library Service Fee	700	700
Utility Charges	1700	1700
Research Fund	500	500

	AND REAL PROPERTY.	Man and a second se
Departmental Charges	400	400
Breakage Fee	200	200
Contingency Charges	100	100
Transport Charges etc.	2500	2500

M.Sc. Fee structure (Evening Program)

Description	First Semester	Subsequent Semester
Once at the time of Admission		
Admission Fee	2000	0
University Registration Fee	1500	0
Certificate / Degree Verification Fee	2500	0
Bus Card / ID Card	100	0
Per Semester		
Magazine Fund	100	0
Tuition Fee	22650	22650
Sports Fee	300	300
Medical Fee	200	200
Student Welfare Fund	300	300
Internet Fee / IT Charges	600	600
Endowment Fund	800	800
Mosque Fund	100	100
Examination Fee	1500	1500
Library Service Fee	700	700
Utility Charges	1700	1700
Research Fund	500	500
Departmental Charges	400	400
Breakage Fee	200	200
Contingency Charges	100	100

MS/M.Phil. Fee structure (Evening Program)

Description	First Semester	Subsequent Semester
Once at the time of Admission		
Admission Fee	2000	0
University Registration Fee	1500	0
Certificate / Degree Verification Fee	2500	0
Bus Card / ID Card	100	0
Per Semester		
Magazine Fund	100	0
Tuition Fee	25500	25500
Sports Fee	300	300
Medical Fee	200	200
Student Welfare Fund	500	500
Internet Fee / IT Charges	800	800
Endowment Fund	800	800
Mosque Fund	100	100
Examination Fee	3000	3000
Library Service Fee	1000	1000
Utility Charges	1700	1700
Research Fund	500	500
Departmental Charges	400	400
Breakage Fee	200	200
Contingency Charges	100	100

Fee structure Academic Session 2020 - 2021 & Onward

Description	Amount		
Residential Charges (Per Semester) For Boarders On			
Hotel Charges (Room Rent, Utilities, Utensil Charges	13500		
etc.)	15500		
Hotel Security (once)	2000		
Processing Fee (Once at the time of Admission)	700		
Summer Hostel Charges	700		
	7000		
Hostel Charges	7000		
Late Enrollment Fee (Per Semester)	000		
Single Late Fee	800		
Double Late Fee	1600		
Semester Freeze Process Fee (Semester Fee Must be j			
Freezing Fee	2000		
Summer Semester (Per Course)			
Morning / Evening Classes (16 Year Edu.)	6000		
M.Phil. / MS/ M.Sc. Hons.	8000		
Repeat / Improve or Extra Course Fee			
Morning Classes (16 Year Edu.)	4000		
Evening Classes (16 Year Edu.)	6000		
M.Phil. / MS/ M.Sc. Hons.	8000		
Additional Semester Charges (Per Semester) BS/Mas	ter/MBA (Morning)		
2500 + 13400 + 6700 (50% increase) 9th & 10th / 5th	22600		
& 6th / 8th & 9 th			
Additional Semester Charges (Per Semester) BS/Mas	ter/MBA (Morning)		
2500 + 13400 + 13400 (100% increase) 11th & 12th /	29300		
7th & 8th / 10th & 11th			
Additional Departmental Charges (Per Semester)	1		
(For MBA/BBA Students Only)	0		
Makeup / Special Exam	•		
Mid Term Examination	3000		
Final Term Examination	5000		
Occasional Fees (All Degree programs)			
M.A, M.Sc. / BS (16 Years Edu.)	4500		
M.A. M.Sc. 7 BS (10 Tears Edu.) M.Phil. (18 Years Edu.)	10000		
	2000		
Re-Admission (At the Time of Re-Admission)			
Re-Registration (At the Time of Re-Admission)	500		
Degree in Absentia / Non-Convocation Before Time	10000		
Degree	400		
Detailed Marks / Transcript per Semester	400		
Detailed Marks / Transcript per Semester (Issuance in	1000		
Emergency)	700		
Duplicate Copy of Registration Card / Roll Number	500		
Re-checking of Marks (Per Paper)	1000		
Duplicate Degree / Degree Before Time	15000		
Degree Before Time	5000		
Migration Certification / NOC	3000		
Character Certification	500		
Duplicate Character Certificate	1200		
Duplicate Bus Card/ ID Card	500		
Medium of Instruction Certificate (EPC)	500		
Degree Verification Fee	3000		
Transcript Verification Fee	1500		
Verification of Degree / Provisional Certificate	200		
Verification of Migration Certificate	200		
Correction Of Name/D.O.B. etc.			
our cetton or manie/ Dioibi etci			

-121-

For on Roll Student	2000		
Within 2 Years After Result	3000		
After 2 to 5 Years After Result	5000		
After 5 Years and Onward	10000		
Admission Processing Fee			
Admission Processing Fee	800		

First Degree Program Regulations

In exercise of the powers vested in it under Sub Section 2 (xxv) of Section 20, read with Section 31 (3) of the Ghazi University, Dera Ghazi Khan, Act, 2012/Amendment Act, 2015, on the recommendations of the Academic Council, the Syndicate of the Ghazi University Dera Ghazi Khan is pleased to make the following Statutes and Regulations relating to the First-Degree Courses.

1. SHORT TITLE AND COMMENCEMENT

- (1) These Statues and Regulations may be cited as the "Ghazi University, Dera Ghazi Khan, Statutes and Regulations, 2021" relating to First Degree Courses.
- (2) They shall come into force at once.

2. **DEFINITIONS**

Unless there is anything repugnant in the subject or context, the expressions used in these Statutes and Regulations and defined or used in the Ghazi University Act, 2012, shall have the meanings assigned to them, respectively, hereunder or in the Act.

- (i) "Act" means the Ghazi University, Dera Ghazi Khan Act, 2012.
- (ii) "Academic Council" means the Academic Council of the University.
- (iii) "Academic Department" means a teaching, research and technological development Department maintained and administered by the University.
- (iv) "Academic Year" means a year consisting of two regular semesters namely, Fall and Spring.
- (v) "Authority" means any of the Authorities of the University specified under Section 18 of the Ghazi University Act.
- (vi) "Syndicate" means the Syndicate of the University.
- (vii) "Vice Chancellor" means the Vice Chancellor of the Ghazi University.
- (viii) "Chairperson/HOD/Teacher Incharge" means head of an Academic Department.
- (ix) "College" means a University College or an Affiliated College.
- (x) "Dean" means thee Chairperson of the Board of the Faculty.
- (xi) "Director" means the Director of an Institute/Sub-Campus.
- (xii) "Principal" means the head of a college.
- (xiii) "Undergraduate Program" means four years BS/B.Sc. (Hons)/BBA etc. Programs of the University.
- (xiv) "Audit Course" means a course attended without any liability of taking its Examination.
- (xv) "Credit Hour" means the successful completion of a course of one semester hour in theory or 2-3 semesters hours in practical's per week. One credit hour will be equal to 50 minutes' student teacher contact per week for 16 weeks and for laboratory/practical work its duration will be 100 minutes per week.
- (xvi) **"Deficiency Course"** means a course in which a student has been adjudged deficient by a competent body of the University.
- (xvii) **"Non-Credit Course**" means a course of study, successful completion of which would not be a requirement for the degree; and
- (xviii) **"Semester"** means teaching time of 18 weeks inclusive of admission, conduct of examination, preparation and declaration of results including gazette holidays.

STATUTES

1.DURATION OF THE COURSE

(i) The minimum number of semesters for completing the course for four years Bachelor degree shall be eight. Provided that in case a student does not qualify for the award of degree within the minimum period, he/she may continue his/her studies for a maximum of four consecutive semesters beyond which he/she shall not be eligible for enrolment.

(ii) The medium of instructions and examinations shall be English except in the case of Urdu and Islamic Studies, which shall be Urdu.

2. DURATION AND COMMENCEMENT OF SEMESTER

(i) There will be two semesters in each academic year, Fall and Spring of 18 weeks

each. The commencement of the semesters is regulated by the Academic Council. The Fall Semester will normally start in September/October and Spring Semester will normally start in February/March.

(Explanation: Out of 18 weeks, 16 weeks shall be the actual teaching time, the rest may be utilized for admission, conduct of examinations, preparation and declaration of results etc.).

(ii) There will also be a Summer Session of 8 to 10 weeks duration as part of an academic year and shall be optional. Students who wish to pass 'F' grade(s) and to improve 'D' grade(s) course(s) may enroll in Summer Session in the courses offered. It shall not count towards residential requirements. The contact hours for summer session may be set in accordance with the nature/scope of the course(s) to be offered by the Department/Institute/College/Sub Campus.

3. SCHEME OF STUDIES:

The schemes of studies for various degree courses shall be approved by the Syndicate on the recommendation of the Academic Council. This schedule may be amended from time to time.

4. MINIMUM CREDIT REQUIREMENTS FOR VARIOUS DEGREES:

The minimum credit hour requirement for instituting various degree programs shall be 130.

REGULATIONS

1. ADMISSION REQUIREMENTS

Minimum Academic Requirements

(i) A candidate seeking admission to the following first-degree courses must have passed the examination shown against each course or an examination recognized as equivalent thereto from a recognized Institution of Punjab securing minimum marks indicated with each degree excluding 20 marks of Hafize-Quran. These extra marks will be added in the total marks while preparing merit after conducting/qualifying test. He/she also be required to qualify entry test conducted by the University for admission to each degree program (if prescribed). Provided that the eligibility requirements may be amended from time to time by the Academic Council:

Sr. No	Name of the Degree	Academic Qualifications.	Minimum requirement
1	BS Botany	F. Sc. (Pre-Medical)	Minimum second Division (45%) marks out of 1100 with 45% marks in the subject of Biology.
2	BS Chemistry	F.Sc. (Pre- Medical/Pre- Engineering)	Minimum second Division (45% marks Engineering) out of 1100 with 45% marks in the subject of Chemistry.
3	BS CS & IT	F.Sc. (Pre- Medical/Pre- Engineering)	Minimum second division (50% marks)
4	BS Mathematics	F.Sc. (Pre- Engineering)	Minimum second Division (45% marks out of 1100 with 45% marks in the subject of Mathematics.
5	BS Physics	F.Sc. (Pre- Medical/Pre- Engineering)	Minimum second Division (45% marks Engineering out of 1100 with 45% marks in the subject Physics.

6	BS Statistics	F.Sc. (Pre- Medical/Pre- Engineering)	Minimum second Division (45%marks out of 1100 with 45% marks)
7	BS Zoology	F.Sc.(Pre-Medical)	Minimum second Division (45% marks out of 1100 with 45% marks in the subject of Biology.
8	BS Economics	Intermediate	Minimum Second Division (45% marks)
9	BS Sociology	Intermediate	Minimum Second Division (45% marks)
10	BBA 4 years	Intermediate	Minimum Second Division (45% marks)
11	BBA 2 years	Intermediate	Minimum Second Division (45% marks)
12	BS English	Intermediate	Minimum second Division (Aggregate 45% marks) & also 45% marks in the subject of English.
13	BA History	Intermediate	Minimum Second Division (45% marks)
14	BS Political Science	Intermediate	Minimum Second Division (45% marks)
15	BS Pakistan Studies	Intermediate	Minimum Second Division (45% marks)
16	BS Islamic Studies	Intermediate	Minimum Second Division (45% marks)
17	BS Urdu	Intermediate	Minimum Second Division (45% marks)
18	BS.(Hons) Agriculture	F.Sc.(Pre-Medical- Pre -Engineering)	Minimum second Division (45% marks) Pre- Engineering/Pre- reserved seats for 3-Years Diploma in Pre-Agriculture) Agriculture
19	BS Environmental Science	F.Sc.(Pre-Medical-Pre- Engineering)	Minimum second Division (45% marks) Pre-Engineering)

(ii) Age:

(iii)

A candidate must not be more than 24 years of age on 1st September of the year of admission provided that after provisional selection, the Vice Chancellor may relax upper age limit in very exceptional cases on the recommendations of the Dean/Director/ Principal concerned. **Domicile:**

The candidates must have domicile of the Province of Punjab.

2. ALLOCATION OF SEATS

The Academic Council on the recommendations of the Dean/Director/Head of Sub Campus/Constituent College concerned shall allocate seats for admission to first degree courses under various categories.

3. AUTHORITIES OF ADMISSION

The Dean/Director/Principal of concerned Faculty/Institute/College will be the admission authorities for carrying out admission in various degree programs. However, the concerned admission authority may refuse admission to a student without assigning any reason.

4. **DEFICIENCY**

If the schedule of courses pursued by a candidate does not provide adequate background for the 1st degree course which he/she intends to take up, he/**she** may be required to make up the deficiency by taking one or more additional course(s) of deficiency level as may be prescribed by the Dean/Director/Head of Sub-Campus/Constituent College concerned.

5. TIME OF ADMISSION

The candidates may be admitted at the beginning of the Fall Semester in September/October of each academic session. They are required to deposit dues/complete other admission/enrolment formalities within the dates notified by the Dean/Director//Head of Sub Campus/Constituent College, failing which his/her admission shall stand cancelled automatically. Provided that the admission of such candidates may be allowed by the Vice Chancellor subject to availability of seat and on the recommendations of the Dean/Director//Head of Sub Campus/Constituent College concerned till such time as it does not conflict with the prescribed requirements of 75% attendance in lectures and practical's of each subject which will be counted from the notified date of commencement of classes for fresh entrants.

Provided further that Vice Chancellor may grant admission to candidate(s) against reserved quota whose nomination(s) is received after due date on special circumstances.

Explanation: Enrolment will only be considered completed when UG–I form is submitted with the concerned Dean/Director/Head of Sub-Campus. Merely depositing of fee will not serve the purpose.

6. UNIFORM

(a) <u>For Boys</u>.

Fall Semester

Blue blazer coat with University Crest, Grey worsted trousers, White shirt, Black shoes and Blue White striped tie.

OR

Grey Shalwar Kameez, Navy blue Jacket, Black Shoes with socks.

Summer Season

White shirt, Khaki trousers, Black shoes or Chappal.

OR

White Shalwar Kameez, Black shoes or Chappal.

(They are not allowed to wear Necker, Long Necker at the Campus)

(b) For Girls

Shalwar Kameez with white over coat (overall) White dupatta. (They are not allowed to wear Jeans and skirts etc. at the Campus) The students are expected to follow Government instructions for wearing the National Dress.

7. ENROLMENT

- (i) A candidate admitted to the course shall for so long as he/she has not completed all the requirements for the degree, enroll himself/herself for each semester subject to the maximum admissible limit of 12 semesters in case of four years degree programs including terminal summer session, failing which his/her admission shall stand cancelled.
- (ii) A student after first semester, may apply for discontinuation of his/her studies due to health or any other cogent reason to the Dean/Director/Principal concerned who may allow the student to discontinue his/her studies. He may seek readmission in the same semester next year with the approval of the Vice Chancellor on the recommendations of the Dean/Director/Head of the Sub-Campus/Constituent College concerned or in the subsequent year with the permission of the Academic Council, provided that he/she has not already exhausted the maximum residential requirements for the course. In case a student does not avail both the admissible opportunities for seeking re-admission, he/she shall not be eligible for re-admission in future. Provided that the Academic Council may, on the recommendations of the Dean/Director/Head of Sub-Campus/Constituent College concerned, condone the above period in special circumstances to be recorded in writing.

- (iii) In case a student discontinues a semester without permission, he/she may seek re-admission, in the same semester next year with the approval of the Vice Chancellor on the recommendations of the Dean//Head of Sub-Campus/Constituent College concerned or in the subsequent year with the permission of the Academic Council, provided that he/she has not already exhausted the maximum residential requirements for the course. In case a student does not avail both the admissible opportunities for seeking re-admission, he/she shall not be eligible for re-admission in future. Provided that the Academic Council may, on the recommendations of the Dean/Director/Head of Sub-Campus/ Constituent College concerned, condone the above period in special circumstances to be recorded in writing.
- (iv) Provided further that after the first eight semesters of four years degree programs a candidate may enroll in the semester in which his/her failing/remaining subject(s) is/are offered in accordance with his/her "Scheme of Studies" subject to the maximum admissible limit of 12 semesters.

NOTE

During the "Discontinued/Absent Period" the applicant shall loose his/her studentship status and not entitled to avail any facility like hostel, medical, transport, library, etc. which university extends to its regular students.

Restoring the studentship of willful absent persons will be done on charging re-joining fee with regular fees of the semester and recording discontinued period history in the transcript, respectively. However, discontinuation in the 1st Semester shall not be permissible and such facility will be granted only once during study.

Clarification of Statute 1(i) and Regulation 7(i)

The four semesters provided in excess of the normal duration of the course have to be treated as exactly identical to the original minimum duration in matters of regulating the course conduct. This provision does not place any bar on the students' right to discontinue their studies during these extra four semesters. But what is inviolable in their case is their consecutive nature. One cannot skip a semester during this extra period and recover it beyond the maximum admissible semesters after it has ended. For instance, if a student of four years degree programs discontinues studies in the 11th semester, and the course in question is not offered in the next 12th semester, he/she cannot claim a right to further enroll in the next(13th) semester, except that he/she avails himself/herself of the terminal summer session. He/she has come to the end of his/her studies. The law provides him/her no further chance.

ii) An application for enrolment on the prescribed form (UG-I) accompanied by the prescribed fee paid receipt, shall be presented by regular students in the Office of the Dean/ Director /Head of Sub Campus/Constituent College/concerned on the days notified by the Treasurer's office for the purpose. The date for enrolment with normal late fee will also be announced by the Treasurer's office in the same notification.

Provided that after the expiry of last date with normal late fee notified by the Treasurer's office, the

Dean/Director /Head of Sub Campus/Constituent College concerned may within next seven days permit a student for late enrolment on payment of prescribed double late fee.

Provided further that enrolment of such students may be allowed by the Vice Chancellor after the expiry of seven days, till the last day of 4th week after the commencement of classes under special circumstances, in individual cases and reasons to be recorded, with double late fee prescribed for this purpose. After 4th week the Vice Chancellor may also consider the request(s) of the students(s) on case-to-case basis with fine (in addition to double late fee). However, such students would themselves be responsible for consequences (if any) of late enrolment/lecture shortage.

The student who could not enroll a semester will be treated as discontinued for studies without permission of the competent authority and his/her request for continuation of studies, if received, may be dealt with in accordance with the provisions of relevant regulations.

Explanation

Enrolment will only be considered completed when UG–I form is submitted with the concerned Dean/Director/Head of Sub-Campus/Constituent College. Merely depositing of fee will not serve the purpose. However, the Vice Chancellor may allow to submit the UG-1 form on case-to-case basis after due date in special circumstances (with or without fine, as deemed appropriate).

8. COURSES AND SCHEME OF STUDIES

A. Regular Semester:

- i) The curricula and schemes of studies of various degree programs shall be developed and proposed by the respective Boards of Studies to Faculty Board and then submit to Academic Council and Syndicate for approval. Such curricula and schemes of studies shall become effective from the date of approval by the Syndicate, or any other date as may be determined by the Competent Authority.
- ii) A student shall normally be required to take the prescribed courses of six to twenty credit hours

workload offered by the Department/College/Institute/sub-campus in each semester. However, in special circumstances, he/she can add/drop a course(s) with prior approval of the Chairperson/HOD/Teacher Incharge/Director/Principal. The permission must be obtained within seven days from the commencement of the semester.

- iii) The students shall pursue the notified scheme of studies to be approved by the Competent Authority from time to time.
- iv) No student shall take any course unless he/she has qualified the prerequisites for it as determined in the curriculum.

B. Summer Session

Summer session is to be conducted for the students who are required to pass/improve one or more course(s) to fulfil their degree requirements within stipulated duration of the degree program. This special session is therefore meant to save time. The matter to conduct summer session will be initiated by the students who have to qualify/improve a course(s). The students(s) will submit a written request to the Chairperson/HOD/Director of Department/Institute/Sub-campus who will forward the same for approval to Dean/Director/Principal concerned. Following are the summer session regulations:

- i) A student opting for summer semester shall either pay prescribed fee per course in advance or complete these courses in corresponding semester in the subsequent academic session.
- ii) The duration of the summer session including mid & final term examinations would be 8-10 weeks. Normally classes of 1 and a half hours each will be held for 4 days a week. Remuneration to the teacher will be paid for summer course(s) only if the number of students exceeds 6.
- iii) Summer session will be conducted if there are a minimum of 6 students repeating course(s). For less than 6 students, this special semester may be opted by depositing fee for 6 students.
- iv) A student will be allowed to enroll for a maximum of 3 courses of a semester or lab work of not more than 12 credit hours.
- v) In summer sessions following 8th, 10th and 12th regular semesters, a student may enroll four failed course(s) only, with the approval of the Vice Chancellor (as a special case) provided that he/she will complete her/his degree program after that session. In this situation, s/he will not be able to enroll any "D' grade course(s).
- vi) In case there are less than 6 students, an option of guided study will be available. Guided study shall be allowed only in the following circumstances:
- (a) A course has been dropped from the new scheme of study

(b) No subsequent semester is available to the candidate whose maximum duration (6 years BS to programs) is being expired

(c)60% of the fee deposited by the student(s) shall be paid to the course Instructor.

(d)The competent authority may relax the university dues up to 40% on the recommendations of the Dean/Director/Principal concerned in case if a student will be needy.

9. CONSTIITUTION OF ADVISORY COMMITTEES

The Dean/Director/Director /Head of Sub-Campus /Principal of Constituent College shall constitute Advisory Committees in their respective Faculties/Institutes/Sub-Campus to provide adequate counseling and guidance to the students in the selection of their courses and other related matters.

10. ALLOTMENT OF NUMBER TO COURSES

The courses will be numbered to a scheme such as 1st and 2^{nd} semester (301–400), 3rd and 4th (401–500) and so on. This number will be preceded by two to four letters indicating the field of study i.e., AGRON-310(Agronomy-310)

Note: The credit hours are denoted by two digits within brackets with hyphen in between. The first digit represents the theory part while the second (right side) digit represents the practical. Thus 3(3-0) means three credit hours of theory, while 3(3-2) means a total of three credit hours of which two are of theory while one credit hour is for laboratory. The weekly contact hours of a 3(3-0) course will be three-hour class work while the contract hours of a (2-1) course will be a 2 hours per week class work and 1 hour of lab work per week. A 3(0-3) course will be all practical course requiring 3 contact hours lab work per week.

11. STATUS OF STUDENT

(i) A student admitted to any program in Ghazi University, Dera Ghazi Khan shall be full time student, enrolled for on-campus studies.

(ii) No government employee shall be as a bonafide student at this University without prior permission of his/her employer. However, this condition shall not apply to the students admitted in selfsupporting/evening programs. Such students shall have to submit a "No Objection Certificate" from their employer

12. ORGANIZATION OF TEACHING

(i) Teaching in each Department/Institute/College/sub-campus shall be organized through courses specified by lectures, tutorials, discussions, seminars, demonstrations, practical work in laboratories, field work, project, internship, or any other method of instruction approved by the University.

- (ii) Teaching in each Department/ /Institute/College/Sub-campus shall be conducted by the teachers, or such other persons as may be declared to be teacher by the University.
- (iii) The teacher shall provide a detail course outline to the students within one week of the beginning of the semester and shall send a copy of the course outline and work plan to the Chairperson/HOD/ Teacher Incharge/Director/ Principal of the Department/Institute/Sub-campus/College.

13. COURSE FILE

Maintenance of the course file is compulsory for the teacher/course instructor. It should have a complete record of activities that happened during the semester for one year after completion of the concerned session and declaration of its final term result.

The course file will contain the following record:

- Description of Course
- Course coding (as per HEC guideline)
- Weekly teaching schedule
- Copy of the material/outline/presentation distributed
- Topic & Evaluation record of assignments
- Copy of the quiz/test
- Copy of mid/final semester question papers (with key where applicable)
- Course Award list

14. TRANSFER OF CREDIT HOURS

- i. A case of transfer of credit hours shall be decided by the Equivalence Committee in consultation with the respective Departmental Academic Committee.
- ii. The transferred credit hours will not be calculated in the GPA and CGPA. Transferred credit hours will be taken into account to fulfil the total credit requirements for graduation.
- iii. No credit hour of a course will be transferred if the grade is less than C for Four Years Graduation Program.
- iv. Credit Hours will only be transferred from a Chartered HEIs.
- v. Not more than 50 credits in case of Four Years Graduation Program will be transferred.

15. PERFORMANCE EVALUATION

Students shall be evaluated through a system of continuous evaluation spread over the entire period. The detail is presented below.

Classroom participation	2.5%		
Quiz/Surprise test	2.5%		
Assignments	2.5%	Sessional Marks	
Presentation/Seminar	2.5%		
Total (A)	10%		
Mid Term Paper (B)	30%		
Final Term Paper (C)	60%		
Grand Total (A+B+C)	100%		
Practical	100%		

i) Mid-term Examination from the syllabus prescribed for the midterm (30%) will normally be conducted after first eight weeks of teaching during a semester.

ii) Final Examination covering the full syllabus with at least 25% of the course of mid-term as well, shall be held at the end of each semester.

Note: Courses involving project/practical/field work may deviate from the above given marks distribution to accommodate the marks of the project/ practical/field work. However, prior approval from the Chairperson/HOD/ Teacher In-charge Principal/Director is required.

- iii) The schedule of each examination shall be notified / displayed on the Notice Board well in time.
- iv) Examination should be held on consecutive days excluding holidays which means that no gap shall be allowed in the papers.
- v) Question paper for mid and final term examinations as outlined above shall be set by the respective Teacher. However, Chairperson/HOD/ Teacher In-charge /Director shall ensure the quality and standard of the question paper set by the teacher.
- vi) There shall be one question paper of a course for regular and replica (self-support) program of a batch. However, in special circumstances observed by the Chairperson/HOD/ Teacher In-charge/Director, a separate question paper can be set for regular and replica (self-support) classes.
- vii) The pass marks in each course (Theory and Practical Separately) shall be 40% A student who fails to pass a course shall be awarded grade '**F**' (Fail).
- viii) The scripts of each examination shall be shown to the students by the teacher to review their grades awarded.
- ix) Sessional marks awarded on the basis of assignment, test, quiz, etc. as outlined above shall be displayed/shown to the students 14 days before the final term examination.
- x) In case a student is not satisfied with his/her award even after checking his/her answer book, or clarification from the teacher, he/she may make written application to the Chairperson/HOD/ Teacher In-charge/Director/Principal of the Department/Institute/ sub-campus/College for decision by the Departmental Examination Committee.
- xi) The teacher concerned is required to mark the mid/final term papers within 7 days from the last paper as per date sheet, show the scripts to the students and display the result on 8th/subsequent day of the class before submitting the result to the departmental in-charge examination. The schedule for showing scripts to the students will be displayed on notice board with the examination date sheet. The teacher will prepare three copies of the awards. He/she shall retain one copy with him/her, display one copy on the notice board and submit the remaining copy to the In charge Examinations along with the marked answer sheets/Term Papers/Reports etc.
- xii) After discussing and finalization the results at department/Institute/sub-campus/College level, concerned departmental Chairperson/ HOD/ Teacher In-charge/ Director/Principal will submit all the awards lists along with marked answer books in sealed envelopes within 15 working days of respective examination to the Controller of Examinations for final notification and shall keep such examination related record for one year.
- xiii) The In-charge examination of the department will supervise comparison of marks inside the answer sheet with the marks posted on the answer sheet as well as in the prescribed award list. Based on the final award lists result of the relevant semester will then be compiled in prescribed manner.
- xiii)At the end of each semester, every successful candidate will be issued detail marks certificate (DMC) after depositing the prescribed fee, while on successful completion of the prescribed course of studies and other requirements a comprehensive transcript will be issued by the office the Controller of Examinations. The Degree will then be conferred upon the successful candidates as per rules and regulations of the University.
- (xiv) In case a student did not appear in the mid and final examinations due to discontinuation in case of freezing) of the semester, his/her GPA/CGPA should not be calculated.
- (xv) At the completion of the degree final transcripts shall be issued by the office of Controller of Examinations to the students on request by depositing the prescribed fee for this purpose or surrender the original detail marks certificate (semester result card) of previous semesters.

16. SANCTION OF LEAVE

The leave to undergraduate students up to seven days is sanctioned by the Chairperson/HOD/teacher In-charge and for the period exceeding seven days by the Dean/Director/Head of Sub Campus/Principal of Constituent College concerned. However, sanction of leave is at the discretion of the competent authority. Moreover, the leave period will not condone the lecture shortage that will accrue from the said leave period. The University normally conforms to the schedule of holidays observed by the Government of the Punjab. The Vice Chancellor can grant holidays up to a maximum of six days in an academic year on special occasions.

17. FINES

- i. A student absenting himself will be fined Rs. 2.00 per lecture or practical. Absence without leave for the whole day will entail a fine of Rs.10.00 per day.
- ii. A student anticipating or overstaying vacation without obtaining leave from the Dean/Director/Head of Sub Campus/Principal of Constituent College will be fined from Rs.50 to

Rs.500/- as a special fine by the Dean/Director/Head of Sub-Campus/ Principal of Constituent College according to intensity of the situation.

iii. A student absenting himself without leave from games/Tutorial Group Meeting will be fined Rs.10.00 per day.

18. FEE CONCESSION

When two or more brothers or one brother and sister or two sisters are studying younger can be granted half tuition fee concession by the Dean concerned.

19. REFUND OF FEE

- i. Refund of tuition fee and other dues can be made to a student only if all the courses for which he/she was enrolled are not offered by the department concerned or the University considers the student to be ineligible for the enrolment in a semester.
- ii. The University dues may be refunded only in the following cases(s) After completion of the admission process, the candidate will submit an application addressed to the Treasurer accompanied with the original Bank Challan duly recommended by the Dean/Dean/Director/Principal concerned:
 - a. In case any fresh entrant after enrolment in a course desires to join another course where he/she also falls on merit within the University Campus, he/she is not required to deposit dues afresh. His/her dues already deposited will be adjusted accordingly.
 - b. Due to late declaration of semester results, a student enrolls himself/herself for the next semester on the days notified for the purpose provisionally. After enrollment, in case a student having been declared as ceased from the rolls of the University due to GPA/CGPA less than the prescribed limit, the dues will be refunded after following the prescribed procedure.
 - c. At the time of enrolment, a student who has deposited dues as boarder but afterwards, the hostel seat is not allotted to him/her due to non-availability of room or hostel administration refuses his/her admission in the hostel on any ground, the hostel dues will be refunded to such student(s) on the recommendations of the Hall Warden after following the prescribed procedure.
 - d. If a student after depositing dues as boarder does not occupy his/her allotted room for a single day and submits a written request for not joining the hostel, the hostel dues will be refunded on the recommendations of Hall Warden after following the prescribed procedure.
 - e. The refund of fee in all other cases will be regulated as per HEC criteria adopted by the University and notified by the Treasurer.

3. ATTENDANCE

A student having less than 75% attendance in lectures and practical's (if applicable) separately shall not be allowed to take the final term examination of the course. The Department/Institute/Centre/College shall notify the list of such students at least one day before the examination week. However, from the start of any semester on monthly basis concerned course Instructor/s shall be bound to display the list of those students who do not fulfil the 75% attendance just as a notice.

- i) The Chairperson/HOD/Teacher Incharge/Director/Principal of the Department/ Institute/subcampus/College may condone, for valid reasons, deficiency up to five per cent of the total number of lectures. The Dean of the Faculty on the recommendations of the Chairperson/HOD/Teacher In charge/ Principal/Director of the Department/College/Institute/sub-campus may on special grounds, condone up to another five per cent of the total number of lectures.
- ii) If a student who has missed three consecutive lectures without any reason in a course, a verbal/written warning from the course teacher may be given to the student.
- iii) If a student who is found habitual of missing lectures in a course, he/she shall not be allowed to sit in the class without the approval of the Chairperson/HOD/ Teacher Incharge/Principal/ Director.
- iv) If a student makes him/herself absent from the Department/College/ Institute/sub-campus for ten consecutive working days, his/her name shall be struck off from the rolls of the Department/College/Institute/sub-campus. Such student shall not be re-admitted without the approval of the Dean/Director/Principal concerned. The student shall have to pay the prescribed re-admission fee/dues under intimation to the Treasurer and the Director Academics.
- v) At the end of each semester, the teacher concerned shall submit the statement showing the total number of lectures delivered and practical's (if applicable) conducted, by him/her together to the Chairperson/HOD/Teacher Incharge/Principal/Director of the Department/College/Institute/sub-campus with the total number of lectures and practical's (if

applicable) attended by each student.

- vi) The absence as a result of late admission or change of course(s) shall also be counted for dropping from the course(s).
- vii) For a student participating and representing the University in sports/co-curricular activities of national or international level events, as verified by the Director/Senior Tutor of sports/co-curricular, the days actually spent by the student in such events shall be counted as present towards the attendance requirement.
- viii) If a student is required to participate in sports/co-curricular activities representing the University, on the date/dates of examination, arrangement will be made by the Department/College/ Institute/sub-campus for holding Special Examination for him/her as soon as his/her sports/cocurricular activities are ended.

NOTE: If a student fails to attend any lecture during the first four weeks after the commencement of the semester as per announced schedule, his/her admission shall stand cancelled.

3. MARKS/GRADE OF DEFICIENCY COURSE

The marks/grade required to pass a deficiency course shall be the same as in the Regulations relating to the examination/course concerned.

4. EXAMINATION FEES

University examination fee shall be charged at may be prescribed by the Academic Council/Syndicate and notified by the Office of The Treasurer.

23. CODE OF EXAMINATION

23.1 BEFORE THE START OF EXAMINATIONS

- i) National ID or University ID card is compulsory to enter into examination hall which may be hanged on in front of pocket or draped around neck during examinations.
- ii) Students may only bring a small clear bottle of water to the exam.
- iii) Students must ensure they have the appropriate stationery for each examination. The University is not responsible for the provision of pens, pencils, rulers etc. Stationery must be in a clear pencil case or bag.
- iv) Mobile phones/Laptop/notebook/books/bags or any other gadgets are not allowed in the examination hall. However, before the start of examinations the students should handover these items to invigilators and collect the same from the invigilators at the end of examinations.
- v) Strictly follow the seating plan / arrangement as displayed by the department
- vi) Take the respective seat before 10 minutes of the examination schedule.

vii) Any type of piece of paper near to student seat must be removed by the student immediately before start of the examination.

23.2 DURING EXAMINATIONS

- i) Only university designed answer book regarding examination is allowed to use for writing.
- ii) Should not write anything on front page of answer books, statistical tables and question paper except name and roll/regd. number on question paper.
- iii) Students should read all instructions at the start of the examination question paper thoroughly before commencing work.
- iv) Students who have a question must attract the attention of the Invigilator by raising a hand. However, in case of any grievances regarding question paper, students can discuss with concerned faculty member after examination. Making a noise and shouting during the examination is strictly prohibited.
- v) All rough work must be completed in the answer book and crossed out. Pages must not be torn from answer books to use for rough notes.
- vi) Gossiping / talking will not be allowed in the examination hall. In case of repeated act, student will be expelled from the examination hall.
- vii) Exchange of pens / pencils / drawing instruments / calculators, answer books, statistical tables, etc. are strictly prohibited.
- viii) Temporary absence from examination hall will not be allowed. In case of emergency conditions, students can leave examination hall after submission of answer book.
- ix) If a student wishes to leave the examinations before the specified finish time, he must raise his hand and wait until the Invigilator on duty collect his/her completed answer book.

24. CONDUCT OF EXAMINATION

24.1 The Invigilation Staff for each center shall be appointed by the Chairperson/HOD/ Teacher In charge/Director/ Principal of the concerned department/Institute/sub-campus/College before the date fixed for the Test/ Examination.

24.2 The Invigilation staff shall call upon the candidates to search their pockets and to surrender all papers, books or notes or any other material which could be helpful in any form in the examination.

24.3 No latecomer shall be admitted unless a written request mentioning the genuine reason satisfies the invigilator of that examination center. In no case he/ she shall be admitted in the examination center half an hour after the commencement of the examination.

24.4 No student shall be allowed to leave the examination center before the half time is over. If he/ she leaves, he/ she should handover the question paper and answer script to the invigilator of Examination Centre.

24.5 No student shall be allowed to sit in the examination center without University or Computerized National Identity Card.

25. INCHARGE EXAMINATIONS

Each department/Institute/Sub-campus/College will have at least one In-charge of Examinations or one for each program of each discipline including morning and evening program.

26. Functions of the Departmental In-charge of Examinations

- i) Prepare and announce schedule of examination according to the university Academic Calendar
- ii) Ensure conduct of examination process according to the schedule.
- iii) Maintain secrecy where required.
- iv) Maintain the examination record.
- v) Entertain & dispose-off rechecking cases within five working days.
- vi) In-charge examination will be entitled to receive remuneration as per approved rules by the Syndicate/competent authority.

27. DEPARTMENTAL EXAMINATION COMMITTEE

There will be a Departmental Examination Committee of each Department which will consist of the following members:

- (i) Chairperson/HOD/Teacher In Charge/Director/Principal.
- ii) One teacher appointed by the Chairperson/HOD/Teacher In charge/Director/ Principal
- iii) Concerned In-charge of the examination of the department/Institute/sub-campus/College
- iv) Controller of Examinations, Ghazi University, Dera Ghazi Khan or his nominee. The main functions of the Committee will be:
- i) dealing with the all the academic/examinations affairs of the department,
- ii) Investigate and decide the complaints of students related to marks awarded by the course instructors.
- iii) Finalize the results and forward to Controller of Examination for notification.
- iv) To consider/decide Special Mid/Final term examination request that will be received under clause viii of Regulation 20.
- v) Investigate the cases of the student/s involved in malpractices or misconduct during the examination and send to University Unfair means Committee for final decision.

28. APPEAL COMMITTEE

There will be an Appeal Committee consisting of the following members:

- i) Dean/Director/ Principal of the concerned faculty/Institute/sub-campus/College
- ii) Chairperson/Head of the Department/Teacher In charge
- iii) Senior teacher of the same department preferably from relevant field as a co-opted member to be nominated by the Dean/Director/Principal of the concerned faculty/ Institute/Sub-campus/College.
- iv) Controller of Examinations
- v) Concerned In-charge of Examination of the department as Secretary.

28.1. Function of Appeal Committee

A student who feels unsatisfied with the decision of the Departmental Examination Committee about the assessment of his/her assignments, test, quizzes, presentations, seminars, mid-term and final term papers may file an appeal to the Appeal Committee. The student must apply to the Head of the Department/College/Institute/Sub-campus within five working days from the date of declaration of the results by the concerned Department/Institute/Sub-campus/College paying a prescribed fee of Rs. 1000/per appeal.

The Head of the Department/College/Institute/Sub-campus shall forward the matter to the Appeal Committee, and it will be binding on the Committee for hearing both sides (student and the instructor) and

-132-

will give a final decision within 10 days. If the complaints are found false, the result of the course under question will be cancelled. The function of this committee will be to resolve any dispute related to the assessment and examination. The Quorum for the meeting will be $2/3^{rd}$. If a student is not satisfied by the decision of the Committee, he/ she can submit his/her appeal within a week after the decision of the Committee to the Vice Chancellor. No appeal shall lie against the decision of the Vice Chancellor.

Note: Where the appeal is against a teacher who is a member of the Appeal Committee, the next senior teacher will be co-opted.

28.2 Rechecking of Examinations Scripts

The answer book of a student shall not be re-assessed under any circumstances. The re-checking does not mean re-assessment/re-evaluation/re-marking of the answer book. The Controller of Examinations can arrange for re-checking of examination script by any faculty member from the relevant discipline on the complaint/request of student. The Controller of Examination or any officer of Appeal Committee shall see that:

i)There is no computational mistake in the grand total on the title page of the answer book.

ii)The total of various parts of a question has been correctly made at the end of each question.

iii)All totals have been correctly brought forward on the title page of the answer book.

iv)No portion of any answer has been left un-marked.

v)Total marks in the answer book tally with the marks sheet.

vi)The handwriting of the student tally in the questions/answer book.

a. The student or anybody on his/her behalf has no right to see or examine the answer books for any other purpose.

c. The marks of a student could even decrease in light of (a) (iii) above. In the event of reduction of marks the record shall be corrected accordingly and revised transcript will be issued.

29. EXAMINATION EVAULATION SYSTEM

1) Students will be rated according to the 4-letter grade system i.e. A, B, C and D. Grade "F" will be the failing grade. Following is the detail of marks acquired by a student on credit hour basis along with Quality Points (QP) and grades for calculating the GPA/CGPA:

2)cumulative Grade Point Average) /SGPA (Semester Grade Point Average) of a student will be calculated as per following example:

Course	Credit Hour	Marks Obtained	Grade	Quality Point
Ι	2 (1-1)	32	А	8
II	3 (2-1)	45	В	11.00
III	3(0-3)	48	Α	12.00
IV	3(2-1)	38	С	8.67
V	2(1-1)	28	В	6.67
	13			46.34

GPA = Sum of QP / Sum of Credit Hours

Thus GPA = 46.34/13 = 3.56

CGPA = Sum of 'n' Quality Points / Sum of Credit Hours of 'n' semesters

30. GOOD STANDING / PROBATION:

In order to remain on the rolls of the university a student has to continuously maintain "Good Standing" namely a satisfactory standard of attendance, academic performance i.e., minimum CGPA (as the case may be) as well as good conduct and discipline. A student failing to meet any of the aforementioned conditions will not be eligible for the award of the degree. While following criteria regarding GPA/CGPA will be observed for good standing/ Probation on the roll/drop from the university.

i) At the end of first semester a student having a satisfactory standard of attendance, conduct and discipline, with a minimum GPA of 1.00 will be eligible for promotion to the second semester.

ii)A student who secures less than 1.50 CGPA in second or subsequent semesters will be dropped out from the rolls of the university.

iii)The minimum CGPA for award of the degree will be 2.20 with no "F" grade.

iv)A student may clear his/her failed course(s) or subjects in which obtained "D" grade by repeating the

said courses with subsequent session or in summer session to be offered by the Department/Institute/Centre. Prescribed entry/examination fee per course will be applicable.

v)A student who completes all the courses and has not been required to repeat any course(s), obtains CGPA of less than 2.20 but not less than 1.90 at the end 8th semester may be allowed to repeat (only one time) some of the courses in which he/she had obtained the lowest grades, in order to improve the CGPA so as to obtain the minimum of 2.20 failing which he/she shall not be awarded degree and removed from the rolls of the university.

vi)In case of drop because of poor academic performance, the student of Ghazi University Dera Ghazi Khan may have one-time re-admission facility in first semester of the next Academic session in the same or a different program.

31. INCOMPLETE GRADE

If a student is unable to appear in the end of semester examination (maximum two courses) because of a genuine personal problem or serious illness or due to some other unavoidable circumstances, he/she may be allowed to repeat the course when that course will be offered next time following the rules as under:

i)The student must have fulfilled the required number of lectures.

- ii)He/She must have completed the mid-term exam and sessional work during the semester
- iii) Such student shall be given incomplete grade 'I". However, the genuineness of the personal problem will be determined by Departmental Examination Committee whose decision will be final. The medical certificate and information of the personal problem must reach the Department before or on the examination date.
- iv) The student will only have to appear in the end of semester whenever the course offered again.

32. REPEATING OF COURSES

A student may repeat a course under obligation, if he/she has failed in the said course, or optionally, if he/she needs to improve his/her grades. To pass a failed course a student will have to repeat the said course when offered by the department in the subsequent session(s). Such a repeat course is an obligation to fulfil degree award requirements. To improve the grades, however, a student may optionally repeat a course(s) only one time. However, after completion of courses prescribed under the 'Scheme of Studies' and residential requirements, a student stands ineligible for improvement of CGPA even if he/she has not exhausted the maximum admissible limit of semesters.

The student(s) desiring to repeat a course(s) will request in writing to the Chairperson /HOD/ Teacher In charge/Director/Principal concerned one week before commencement of the concerned semester. If allowed by the Chairperson/HOD/Teacher In charge/Director/Principal, the student will have to deposit prescribed fee for each course. Where morning and evening programs of such subjects are being offered, the student of morning may repeat the said course with evening program and vice versa. A student repeating a failed course will be bound to attend the lectures whereas a student desiring to improve his/her grades may be exempted from attending the lectures but in both cases fees and dues of the said course will be payable by the student. The exemption from the rule will, however, be based on the genuineness of the case. Such cases after approval by Chairperson/HOD/Teacher In charge/Director/Principal and deposit of fee will be reported by the departmental In charge examination to the concerned teacher(s). Student will have to be in regular contact with the course instructor and complete all assignments, term papers, reports and presentation. Following are the conditions for repeating a course:

- i) Whenever a student fails and gets an **"F"** grade he/she should repeat the course when it is offered to pass the said course.
- ii) A student who gets a "**D**" grade in a course may repeat the course only one time to improve his/her grades as per conditions mentioned above. However, a student who has already passed a course with a "**A**", "**B**" or "**C**" grade will not be allowed to repeat in any case.
- iii) A student can be allowed to repeat/improve a maximum of six courses (18 credit hours) during the total duration of his/her degree program to improve his/her grades at Bachelors level but not more than one course per Fall/Spring semester. However, during last two semesters (7th & 8th) a student may enrol maximum of two failed courses. Provided further that the Dean/Director/Principal concerned on the recommendations of Departmental Examination committee may allow to enrol extra failed courses on the written request submitted by a student well in time subject to condition that he/she will complete his/her degree after enrolment of these courses.

iv) Only new/better course grade should be included in his/her transcripts.

33. IMPROVEMENT OF 'D' GRADE

i) In any regular or summer session a student may repeat once those course(s) of the previous semester(s) in which he/ she has secured the lowest grade i.e., 'D' only within the prescribed limit

of credit hours. However, after completion of courses prescribed under the 'Scheme of Studies' and residential requirements, a student stands ineligible to enrol 'D' grade course(s) for improvement of CGPA even if he/she has not exhausted the maximum admissible limit of semesters.

- ii)If any student enrolled the "D" grade in any semester but he/she did not appear in the Examinations under such conditions his/her right to improvement will be ceased and he/she could not enrol the said course in future.
- iii)Any improved grades will substitute 'F' and 'D' grades of the previous semester for calculating CGPA, but 'F' and 'D' grades will form part of the transcript.

34. USE OF UNFAIR MEANS IN THE EXAMINATIONS

During examination time having in possession or access to: -

i) Any paper, book, note or any other unauthorized material which has relevance to the syllabus of the examination paper concerned.

ii) Mobile Phones or any electronic gadget other than calculator, even in switch off mode, which can potentially be used for communication or copying.

iii) Anything written on any other instrument or any kind of furniture or any other substance which may have relevance to the syllabus of the examination paper concerned.

iv)Anything written or signs made on the body of the candidate or his/her clothes/garments, handkerchief etc. which may have relevance to the syllabus of the examination paper concerned.

v)Anything written on the question paper which may have relevance to the syllabus of the examination paper concerned.

vi)Giving or receiving assistance in answering the question papers to or from any other candidate/person in the examination hall or outside during the examination hours.

vii) Talking to another candidate or any unauthorized person inside or outside the examination room during the examination hours without the permission of the invigilating staff.

viii)Swallowing or attempting to swallow or destroying or attempting to destroy a note or paper or any other material.

ix)Impersonating any candidate or getting impersonated by any person for taking the examination.

x) Showing rude attitude or misbehave with invigilator

NOTE: Any action by a candidate contrary to these regulations, whether discovered during the examination or afterwards, may result in disqualification.

34.1 AT THE END OF THE EXAMINATION

i)Students must ensure that extra sheets are securely stapled to the main answer book.

ii) It is the responsibility of the students to ensure the front cover of the answer book is fully completed with his/her name, Regd/Roll No. subject code, title, credit hours etc.

iii)All candidates must remain in their seats until their answer books have been collected and are formally dismissed by the Invigilator.

34.2 UNFAIR MEANS COMMITTEE

On the recommendation of the Controller of Examinations, a committee of three (03) teachers of different disciplines shall be constituted by the Vice Chancellor for a term of two years in order to deal with Unfair Means Cases (UMC). The Controller of Examination shall be the Convener of the committee. Deputy Registrar Academics will be the Coordinator of Committee. The Committee will decide the UMC Cases with simple majority. The final decision will be implemented by the Controller of Examinations. In case a seat of any member of UMC Committee becomes vacant for any reason, the Convener will report to the Vice Chancellor for replacement of member for the residual period of the term of the Committee.

34.3. PUNISHMENT

A candidate found using unfair means or involved in disorderly conduct or disturbing other candidates, at or in connection with an examination shall be referred to Unfair Means Committee. The Committee after consideration of the case as referred to it by Instructor/Invigilator can award punishment. The punishment awarded by this Committee will be in addition to the punishment that may have been already awarded by the Course Coordinator with one or more of the following

i)Grade "F" in the relevant paper; and/or Cancellation of relevant paper.

ii)Maximum fine up to Rs. 10,000 per paper.

- iii)Suspension from the Program.
- iv) Expulsion from the University.
- v)Any other punishment deemed suitable by the Committee.

34.4 PUNISHMENT AWARDED BY THE VICE CHANCELLOR

In case of emergency, the Vice Chancellor may provisionally award suitable punishment without reference to the Unfair Means Committee, in commensuration with the gravity of offence, to any candidate or to any

student on the rolls of Semester System Examination. However, the case will be referred to the UMC Committee for formal proceeding.

34.5 APPELLATE AUTHORITY

A candidate to whom the decision of the Unfair Means Committee is communicated and has valid reason to appeal against such decision; he/she may do so in writing to the Vice Chancellor within Ten **(10)** days of the receipt of the decision. The decision of Vice Chancellor will be the final.

35. FUNCTIONS OF CONTROLLER OF EXAMINATIONS:

i) The Controller of Examinations shall make arrangements for supply of Stationery for the Tests/ Examinations.

ii) The Controller of Examinations shall be responsible for the compilation of results and its notification at the end of each Semester.

iii) The Controller of Examinations shall be responsible for the notification of positions and detail of Academic Medals and Certificates.

iv)The Controller of Examinations shall notify the positions and detail of Academic Medals and Certificates if 95% of the result of the Final Semester/Year has been notified for a particular program. v)The final result shall be announced by the Controller of Examinations in the National Press/University Gazette and shall be displayed on the University Notice Board and website.

vi)The students of undergraduate, graduate and postgraduate shall collect their Transcripts and Provisional Certificates from the office of the Controller of Examinations.

vii) The Controller of Examinations shall get the Degrees of all programs printed.

viii) The Degree Supplement Form shall be issued by the Controller of Examinations to the students of all programs at the time of issuance of Degree.

36. CONFERNMENT OF DEGREES

(i)University should conduct Convocation once in a year to award/confer the degrees to the **successfu**l students as per criteria.

(ii)Urgent degree can be issued as per policy of the University upon the request of the student and on payment of prescribed fee.

(iii)Duplicate degree may be issued (with completion of all requirements) to a candidate in case the original degree is lost/damaged or in case of change the name of the candidate. The candidate has to apply to the Controller of Examinations for the issuance of duplicate degree along with the relevant documentary proof as per university rules.

(iv) The procedure to issue Duplicate Degree shall be the same as of Original Degree.

STUDENTS (DISCIPLINE AND CONDUCT) REGULATIONS

1. SHORT TITLE, COMMENCEMENT AND APPLICATION

These Regulations may be cited as "the Ghazi University, Dera Ghazi Khan Students Discipline and Conduct Regulations 2021".

(i) These Regulations shall come into force with immediate effect.

(ii) These Regulations shall apply to all students on the rolls of the University including its Sub-Campuses and Constituent Colleges.

(iii) A student on the rolls of the University who violates these Regulations shall be guilty of indiscipline and misconduct and is liable to disciplinary action against him under these Regulations.

2.DEFINITIONS

Unless there is anything repugnant in the subject or context, the expressions used in these

Regulations and defined or used in the Ghazi University Act, 2012, shall have the meanings assigned to them, respectively, hereunder or in the Act

(a) "Act" means the Ghazi University Act, 2012.

(b) "Authority" means any of the Authorities of the University specified in Section 18 of the Ghazi University Act, 2012.

(c) "Advisory Committee(s)" means Advisory Committee(s) constituted under these Regulations of the University.

(d) "Chairman of Department" means head of a teaching Department.

(e) "Chancellor" means the Chancellor of the University.

(f) "Competent Authority" means an Officer or Authority of the University competent to take disciplinary action against a university student guilty of misconduct and indiscipline.

(g) "Dean" means the Chairman of the Board of the Faculty.

(h) "Director" means the head of a Teaching Division or a Directorate of the University.

(j) "Disciplinary Advisory Committees" means Disciplinary Advisory Committees constituted under these Regulations to investigate cases of misconduct and indiscipline'

(k) "Discipline Committee" means the Discipline Committee, constituted under Paragraph 21 of these Regulations.

(l) "Faculty" means a Faculty of the University.

- (m) "Penalty" means a penalty which may be imposed under these Regulations.
- (n) "Head of sub-campus" means the head or Principal of sub-campus.
- (o) "Head of the Constituent College" means head or Principal of the Constituent College.
- (p) "Pro Chancellor" means the Pro Chancellor of the University.

(q) "Statutes", "Regulations" and "Rules" means respectively, the Statutes, the Regulations and the Rules made or deemed to have been made under the Ghazi University Act, 2012.

(r) "Syndicate" means the Syndicate of the University.

(s) "Teachers" means Professors, Associate Professors, Assistant Professors and Lecturers Teaching Assistant, Demonstrator and Instructor engaged whole time by the University and such other persons as may be prescribed in the University/sub-campus/Constituent College for teaching degree, honors or postgraduate classes.

(t) "University" means the Ghazi University, Dera Ghazi Khan, as reconstituted under the Ghazi University Act, 2012.

(u) "Vice Chancellor" means the Vice Chancellor of the University and the

(v) "Pro-Vice Chancellor" means the Pro-Vice Chancellor of the University

3. ACTS OF INDISCIPLINE AND MISCONDUCT

The following, among other violation of the provision of the Code of Conduct shall constitute acts of indiscipline and misconduct for which action may be taken against the student(s) by the Competent Authorities for imposing appropriate penalties on the defaulters

(a) Breach of any rule of public morals, such as

(i)Use of indecent or filthy language in classrooms, residential halls, playgrounds and on the Campus.

- (ii)Use of immodest, improper and provocative dress.
- (iii) Use of undesirable remarks or gestures.
- (iv) Disorderly behaviour, such as, shouting, abusing, quarrelling, fighting and Insolence.
- (v) Use or attempt or threat to use force.
- (b) Defiance of authority.
- (c) Impersonation, perjury, giving false information, willful suppression of information, cheating, deceiving and stealing.
- (d) Visiting places without a pass which are not to be visited without a pass.
- (e) Visiting places out of bounds for students.
- (f) Inciting or staging a walk out, a strike or an unauthorized procession.
- (g) Shouting of slogans derogatory to the prestige of the University or the reputation of its teachers and officers.
- (h) Use of intoxicants.
- (i) Keeping of licensed or unlicensed arms/or entering the University with arms.
- (j) Immorality.
- (k) Loss or damage to university property movable or immovable.
- (l) Actions defamatory of and derogatory to Islam and Pakistan.
- (m) Any act, conduct, disorder or neglect which is considered prejudicial to good order or discipline or unbecoming of a student and a gentleman, by the Competent Authority, including any act on the part of a university student to bring or attempt to bring political or other outside influence directly or indirectly to bear on the Chancellor, the Pro-Chancellor, the Vice Chancellor or any Officer, or any Authority or Teacher of the University.
- (n) Any student misbehaving with a teacher/and or official of the University.

4. COMPETENT AUTHORITIES AND PENALTIES

The Deans of the Faculties, Directors of Institute(s), Head of Sub-Campus/Constituent College concerned, Hall Warden(s) and Director Students' Affairs shall be competent to take disciplinary action on the recommendations of the Advisory Committee(s) concerned against students of their respective Faculties, Directorate, Institute, Sub Campus/Constituent College, Residential Halls and Campus found guilty of misconduct and indiscipline. The disciplinary action may take one or more of the following forms, depending on the nature of indiscipline and misconduct: -

- i.Censure and warning for future.
- ii.Withdrawal of financial concessions for one semester.

iii.Cancellation of hostel accommodation.

iv.Imposition of fine.

- v.Recovery of loss or breakage of movable and immovable University property.
- vi.Placing a student on probation.
- vii. Suspension from the rolls, and or ban on entry in the premises of the University.
- viii.Withdrawal of financial concessions for more than one semester.
- ix.Rustication.
- x.Expulsion and

xi.Debarring from seeking admission to higher studies at the University for a specific period or forever. 5. **MAJOR AND MINOR PENALTIES**

For the purposes of these Regulations, penalties specified in Regulation 4 (i) to (vii) shall be deemed to be minor penalties, and those specified in Regulation 4(viii) to (xi) to be major penalties.

6. PAYMENT OF FINE

- i. The fine imposed upon a student shall invariably be paid by him/her within ten (10) Days from the issuance of its notification. The original Bank receipt showing payment of fine shall be submitted in the Office of the respective Dean/Director/Head of Sub Campus/ Constituent College/Hall Warden(s) concerned within due date, failing which the name of the defaulter shall be struck off the University rolls by the Faculty/Institute/Sub Campus/Constituent College concerned after receipt of intimation from the concerned quarter. The defaulter shall not be entitled to file an appeal unless depositing the amount of fine.
- ii. the amount of fine/its balance (in case reduction in fine) may be refunded to the student concerned by the Treasurer's office on the recommendations of the Dean/Director/Director/Head or Sub Campus/Constituent College/Director Students Affairs/Hall Warden.

7. RECOVERY OF LOSS OR BREAKAGE OF PROPERTY

A student shall be liable to make good the loss caused by him to the University property, any student/Official within fifteen (15) days of the notification of the order by the Competent Authority. Failure to make good the loss shall be considered an act of indiscipline and misconduct, within the meaning of Regulation 3(b). The name of such a student shall be struck off from the rolls till making good the loss. The Competent Authority, if required, with the prior approval of the Vice Chancellor, may initiate legal proceedings against the defaulter in a Court of Law.

8. PLACING ON PROBATION

A student may be placed on probation by the Competent Authority for a specified period and such period of probation may be extended if the student fails to improve his conduct. Continued failure to improve his conduct may lead to further disciplinary action.

9. SUSPENSION FROM ROLLS

A student may be suspended from the University rolls for a period not exceeding two weeks at a time. Such a student shall pay the normal fine of absence for the period of suspension. A student suspended from the rolls may be reinstated or his period of suspension may be extended, as the case may be, by the Competent Authority.

10. RUSTICATION

A student committing an act of major indiscipline and misconduct may be rusticated for an academic year or two semesters which shall mean the loss of one academic year to the rusticated student in so far as his appearance in the University examinations during the academic year is concerned.

11. EXPULSION

A student committing an act of major indiscipline and misconduct may be expelled from

the University for at least two academic years or four semesters from the date of expulsion.

12. NOTIFICATION OF RUSTICATION OR EXPULSION

The following procedure will be followed

- i. notification of both (major and minor) or only major penalties as recommended by the Disciplinary/Sub Campus/Constituent College Advisory Committee shall be notified by the Registrar, with the approval of the respective Dean/ Director/ Principal concerned being Competent Authority within the meaning of Regulation 4 and the Vice Chancellor.
- ii. The name(s) of such student(s) shall be considered as struck off from the rolls of the University. In case of major penalties, the delinquent shall have to vacate hostel accommodation immediately and his entry into any part of Campus/Sub Campus/College shall be banned except as and when called by any of the authorities
- iii. The notification in the case of minor penalties only, shall be issued by the respective Dean/Director/Principal concerned on receipt of recommendations of the Disciplinary/ Sub Campus /Constituent College Advisory Committee.

iv. The University shall not issue a migration certificate to rusticated or expelled student(s).

13. INFORMATION OF PENALTIES FOR ACTS OF INDISCIPLINE AND MISCONDUCT TO PARENTS/GUARDIAN OF STUDENTS

Acts of indiscipline and misconduct committed by university student(s) and penalties imposed under these Regulations shall invariably be intimated to the parents/guardian of the student(s) concerned.

14. RE-ADMISSION OF RUSTICATED STUDENT

The readmission of a rusticated shall be governed as under

- i. It shall be obligatory on the part of the Faculty/Institute/Sub-Campus/Constituent College concerned to re-admit a rusticated student, if he wishes to re-join the University/Sub-Campus/ Constituent College after serving out penalty period.
- ii. The rusticated student is required to submit an application in the Office of the respective Dean//Head of Sub-Campus/Constituent College concerned well before the commencement of the semester where he stands eligible according to the approved 'Scheme of Studies'. The application should include an undertaking on judicial paper signed by the student and countersigned by his parents/guardian, the Tutor, Senior Tutor or Supervisor concerned and Director Students' Affairs, as the case may be, to abide by the Rules of Conduct of the University and not to repeat any act of misconduct and indiscipline in future.
- iii. If he fails to avail the above chance immediately after serving out penalty period, he can seek readmission in the same semester of the next academic session/semester according to the approved under-and postgraduate, Scheme of Studies', as the case may be.
- iv. In case he does not avail both of the above admissible opportunities, he shall stand ineligible for readmission in future. Provided that the Vice Chancellor may, on the recommendations of the Dean/Director/l/Head of Sub-Campus/Constituent College concerned, as well as Students' Affairs Committee condone the above period in special circumstances to be recorded in writing.

15. SPECIAL PERMISSION FOR RE-ADMISSION OF EXPELLED STUDENT

The readmission of an expelled student shall be governed as under

- i. An expelled student shall not be re-admitted to the University/Sub-Campus/Constituent College except with the special permission of the Syndicate after the explicit undertaking given by the student on judicial paper, countersigned by his parents/guardian, the Tutor, Senior Tutor or Supervisor concerned and Director Students' Affairs, as the case may be, to abide by the Rules of conduct of the University and not to repeat any act of misconduct and indiscipline.
- ii. The expelled student may seek re-admission after serving out penalty period. He is required to submit application addressed to the Vice Chancellor/ Chairman Syndicate accompanied with requisite undertaking specified under (i) above in the Office of the Director Students' Affairs, for consideration of the Syndicate. Such application should be submitted well before the commencement of the semester in which expelled student is eligible for re-admission according to the approved 'Scheme of Studies.
- iii. If he fails to apply for re-admission immediately after serving out penalty period, he may submit his request in the same semester of the next academic session/ semester according to the approved underand-postgraduate 'Scheme of Studies', as the case may be.
- iv. In case an expelled student does not avail both of the above admissible opportunities, he shall stand ineligible for re-admission in future. Provided that the Syndicate may, on the recommendations of the Dean/ Director/ /Head of Sub-Campus/Constituent College concerned, as well as Students Affairs Committee condone the above period in special circumstances to be recorded in writing. The Syndicate may, however, refuse re-admission without assigning any reason.

16. DISCIPLINARY ADVISORY COMMITTEES FOR INVESTIGATION OF CASES OF INDISCIPLINE AND MISCONDUCT

The cases of indiscipline and misconduct involving students at the University shall be investigated by the Disciplinary Advisory Committee constituted by the Vice Chancellor in the beginning of each calendar year by giving representation to all the Faculties/Institutes. The Hall Warden of the University/his representative will be Ex-officio members of the Committee. A separate Advisory Committee for each Sub-Campus/Constituent College shall also be constituted by the Vice Chancellor in the beginning of each calendar year. If some outsider(s) /ex-student(s) is/are involved in an indiscipline and misconduct case along with the University students, the concerned Advisory Committee, after careful consideration and with the prior approval of the Vice Chancellor, may refer such case to the Police to the extent of outsider(s)/ex-student(s) for investigation and appropriate action.

17. ADVISORY COMMITTEE FOR RESIDENTIAL HALL

Notwithstanding anything to the contrary contained in these Regulations, the Hall Warden (Male/Female), may, in consultation with the Advisory Committee of Halls to be constituted by the Hall Warden may impose the following penalties upon resident student(s) of Halls for act(s) of indiscipline and misconduct committed in the residential Halls after following the prescribed procedure as laid down under Regulation 18 and 18-a of the Ghazi University Students(Discipline and Conduct) Regulations,2021:-

- i. Imposition of fine up to Rs. 5,000/- (Rupees five thousand only);
- ii. Recovery of loss to university property.
- iii. Placing a student on probation; &
- iv. Expulsion from the Residential Halls,

The Advisory Committee for Residential Halls shall comprise the Hall Warden(s) concerned as Chairman, Associate Hall Wardens/Senior Superintendent (if Associate Hall Warden is not available in a component) and Superintendent of concerned hostel as members. Provided that a Hall Superintendent may impose a fine of Rs.500/- at a time on the resident student(s). Provided further that in case the nature of the offence warrants the penalty beyond its jurisdiction, the Hall Advisory Committee(s) shall send the case to the Vice Chancellor through the Hall Warden along with its recommendations for onward transmission to the Disciplinary Advisory Committee for further investigation and appropriate recommendations.

18. CAMPUS ADVISORY COMMITTEE

A Campus Advisory Committee consisting of Director Students' Affairs as its Chairman, Associate Directors Students' Affairs and Deputy Directors Students' Affairs as its members, shall deal with indiscipline and misconduct cases of students at the Campus. This Committee will exercise powers as delegated to the Hall Warden(s) and shall impose the following penalties upon the students for act(s) of indiscipline and misconduct committed at the Campus after following the prescribed procedure as laid down under Regulation 18 and 18-a of the Ghazi University (Discipline and Conduct) Regulations 2021.

- 1.Imposition of fine up to Rs. 5,000/- (Rupees five thousand only);
- 2.Recovery of loss to university property.
- 3. Recovery of University dues from non-boarders.
- 4. Placing a student on probation and
- 5.Censure.

Provided further that in case the nature of the offence warrants penalty beyond its jurisdiction, the Campus Advisory Committee shall send the case to the Vice Chancellor through the Director Students Affairs along with its recommendations, for onward transmission to the Disciplinary Advisory Committee for further investigation and appropriate recommendations.

19. PROCEDURE FOR INVESTIGATION

The following procedure shall be observed before imposing a penalty or penalties on a student The Vice Chancellor, on receipt of a report from a teacher or any other source for the breach or violation of the provisions of the Code of Conduct/Discipline, shall call the same to be considered by the Disciplinary Advisory Committee/Hall/Campus Advisory Committee concerned.

The Advisory Committee shall:

- i.frame charges and communicate it to the student simultaneously through official Communication to his/her given University address as furnished by him/her in his/her admission form together with a statement of allegation explaining the charges and or any other relevant circumstances which are proposed to be taken into consideration.
- ii.require the student within a reasonable time which shall not be more than seven (7) days from the date of issuance of notice as prescribed under 18(i) above, to put in a written and or oral defense.
- iii.enquire into the charges and examine such oral or documentary evidence in support of the charges, or in defense of the student, as may be considered necessary.
- iv.determine on the basis of evidence and proceedings of enquiry as early as possible whether the act(s) of indiscipline or misconduct warrants a major or a minor penalty.
- v.the Committee shall invariably serve final show cause notice indicating penalty or penalties to be imposed upon the accused and providing an opportunity of being heard in person before communicating its recommendations to the Competent Authority for final orders.
- vi.in case the student fails to respond to the notice issued to him under para 18(i & v) above, ex-party decision shall be taken against him provided that the student under legal detention or hospitalized may respond to the said notice within seven (7) days after the release or discharge, as the case may be.

vii. The Committee, in case of minor penalties shall send its recommendations to the Vice Chancellor for his information and in case of major penalties, for his orders. The orders of the Vice Chancellor shall be final.

19 a. PROCEEDINGS FOR SERIOUS ACTS OF INDISCIPLINE

1. Notwithstanding anything to the contrary contained in Regulation 18, a student accused of a serious act of indiscipline, such as:

- i. indulging in any criminal act(s) or
- ii. provoking the students to demonstration or boycott of classes; inside or outside
- iii. University Campus; and other constituent college/sub campus.
- iv. bringing firearms on the Campus; or
- v. indulging in any immoral act.
- vi. misbehaving with a teacher/and or official of the University,

Shall be proceeded against immediately by the Advisory Committee concerned and the proceedings shall be concluded within 48 hours of the commission of the offence and act of indiscipline. The accused shall be given an opportunity of being personally heard and in case of absence or non-appearance, the notice of the proceedings shall be given to the parents/guardian, if available, for ensuring the attendance. The ex-parte action shall be taken against those who would not be available. Before taking ex-parte action, a notice shall be pasted on the Notice Board or at a prominent part of the buildings at the Campus. In case allegations leveled against the accused are proved, the penalty of expulsion shall be imposed upon him.

2. The matter shall also be reported to the Police about the commission of offence having been committed as and when required.

19 b. Nothing provided in clause 18 and 18a

It shall restrict the powers of the Vice Chancellor/Head of Sub-Campus/Constituent College to pass immediate orders without referring the case to the Advisory Committee(s) and without following the specified procedure, if situation so warrants.

20. APPEAL AGAINST THE PENALTY(S)

1.A student on whom any major/minor or both penalties has/have been imposed on

involvement in a particular case of indiscipline and misconduct on the recommendations of the Disciplinary Advisory Committee/Sub-Campus/Constituent College Advisory Committee, may, within thirty (30) days from the date of announcement of the order, may file an appeal against that order to the Vice Chancellor.

2. The Vice Chancellor, after obtaining advice of the Discipline Committee may dismiss the appeal or acquit/pardon the appellant, or order a fresh enquiry, or reduce or enhance the penalty. If expedient, he may also consider suspending the penalty on the advice of the Discipline Committee for a specific period conditionally to be re-imposed immediately on evidence of his/her involvement in any act(s) of indiscipline. The period of suspension of penalty may be extended on semester-to-semester basis conditionally on the recommendations of the Students' Affairs Committee.

3.Provided that wherever the punishment is suspended on semester-to-semester basis conditionally for completion of Certificate/Degree in which the student(s) studying at the time of imposition of penalty, s/he will be debarred for admission to next degree program for a period of three (3) years of declaration of result of existing certificate/degree. After the expiry of stipulated period, such student(s), if so desire, may be considered for admission on the recommendation of the Students' Affairs Committee.

4.A student on whom only minor penalty is imposed by the Advisory Committee(s) concerned, may, within fifteen (15) days from the announcement of the orders, appeal to the Dean/Director /Head of Sub Campus/Constituent College concerned, who shall be the Competent Authority to pass such order as may deem fit. Similarly, in the case of imposition of minor penalty by the Hall/Campus Advisory Committee the Principal Officer of respective component shall be the competent authority to pass such order on the appeal as may deem fit in consultation with the Student's Affairs/Hall Advisory Committee, as the case may be. 5.Provided that

- i. no recommendations/decision under this Regulation shall be made, unless an affected student is afforded an opportunity of being heard in person. Provided further that in case the appellant does not appear for personal hearing according to communicated
- ii. schedule, the appeal be kept pending. In case the appellant fails to appear for second time, the pending appeal be disposed of on its merit in absentia, ex-parte.

where the appellate authority decides to enhance the penalty, it shall

- a. by an order, in writing, inform the accused of the action proposed to be taken and the grounds of such enhanced punishment.
- b. given him/her a reasonable opportunity to show cause against that action.

21. REVIEW AGAINST THE ORDER ON APPEAL

1. The punished student(s), may, apply for review of the orders passed on his/her appeal if contrary to the pray to the Vice Chancellor in the case of major and minor penalties, within a period of fifteen (15) days from the announcement of the orders. The Vice Chancellor may pass appropriate orders thereupon on the basis of evidence, available on record and decision taken earlier on the appeal of the concerned student(s). If appropriate, the Vice Chancellor may seek advice of the Discipline Committee on the review appeal(s) before passing suitable orders.

2. If a student whose penalty is suspended under Regulation 19(2), is again found Involved in act(s) of indiscipline and misconduct and is awarded fresh penalty along with re-imposition of previous suspended penalty, may appeal against the fresh penalty only, to the Competent Authority within the prescribed period of thirty (30) days. He may also request for review of the orders passed by the Competent Authority on his appeal as provided under Regulation 20(1) of the Regulations ibid.

22.DISCIPLINE COMMITTEE

1. The Discipline Committee shall consist of

- i.Chairman to be nominated by the Vice Chancellor.
- ii. Two Professors to be nominated by the Academic Council.
- iii.One Professor to be nominated by the Syndicate.
- iv.One Principal of Sub-Campus/Constituent College.
- v.Senior Tutor and
- vi.Director Students Affairs (Member/Secretary.

2.The term of office of the members of the Committee, excluding ex-officio members, shall be two years. 3.The quorum for a meeting of the Discipline Committee shall be two-thirds of the total memberships of the Committee.

4. The functions of the Discipline Committee shall be

- i. To propose Regulations to the Academic Council for the conduct of university students, maintenance of discipline and breach of discipline.
- ii. To render advice to the Vice Chancellor on the appeals of the students' awarded punishments under Students Discipline and Conduct Regulations.

iii. To perform such other functions as may be prescribed by Regulations.

USE OF LIBRARY REGULATIONS

(i)These Regulations may be cited as the" Ghazi University, Dera Ghazi Khan, Use of Library Regulations" 2021.

(ii) These Regulations shall come into force with immediate effect.

1. **DEFINITIONS**

Unless there is anything repugnant in the subject or context, the expressions used in these Regulations and defined or used in the Ghazi University Act, 2012, shall have the meanings assigned to them, respectively, hereunder or in the Act

- (a) "Act" means the Ghazi University Act, 2012.
- (b) "Authority" means any of the authorities specified under Section 18 of the Ghazi University Act, 2012.
- (c) "Chairperson" means the Head of a Department, Principal of a Constituent College or Director of an Institute.
- (d) "Competent Authority" means an Officer or Authority of the University, competent to take disciplinary action against a university student / Teaching staff / Non-Teaching Staff, guilty of misconduct and indiscipline.
- (e) "Central Library" means Central Library of Ghazi University, Dera Ghazi Khan.
- (f) "Campus Library" means the Library of a Campus of Ghazi University, Dera Ghazi Khan.
- (g) "Dean" means the Head of a Faculty of the University.
- (j) "Disciplinary Advisory Committee" means Disciplinary Advisory Committee constituted to investigate cases of misconduct and indiscipline.
- (k) "Faculty" means an administrative and academic unit of the University consisting of one or more departments, institutes or constituent colleges.

- (l) "Librarian" means Librarian of Ghazi University, Dera Ghazi Khan.
- (m) "Library User" means registered member of the University Library, including Enrolled Student/ Serving Teaching Staff/ Non-Teaching Staff (Regular) of the University.
- (n) "Library Material" means books, magazine, journals or any other form of literature or reading material available at Library.
- (o) "Library Committee" means Committee constituted by the Vice Chancellor on the recommendations of the Librarian to perform specific functions assigned to it from time to time.
- (p) "Non-teaching Staff" means the Administrative Officers and supporting staff of Ghazi University.
- (q) "Penalty" means a penalty that may be imposed under these Regulations and under Discipline and Conduct Regulations, 2020.
- (r) "Statutes", "Regulations" and "Rules" means respectively, the Statutes, the Regulations and the Rules made or deemed to have been made under the Ghazi University Act, 2012.
- (s) "Students" means Students enrolled in any degree program offered by the University.
- (t) "Syndicate" means the Syndicate of Ghazi University, Dera Ghazi Khan.
- (u) "Teaching Staff" means Professors, Associate Professors, Assistant Professors, Lecturers, Teaching Assistant, Demonstrator and Instructor engaged whole time by the University and such other persons as may be prescribed in the University/sub-campus/Constituent College for teaching degree, undergraduate or postgraduate classes.
- (v) "University" means the Ghazi University, Dera Ghazi Khan, as reconstituted under the Ghazi University Act,2012.
- (w) "Pro Chancellor" means the Pro Chancellor of Ghazi University, Dera Ghazi Khan; and
- (x) "Vice Chancellor" means the Vice Chancellor of Ghazi University, Dera Ghazi Khan

2. ENTITLEMENT FOR LIBRARY MEMBERSHIP

- (a) All enrolled Students, Teaching and Non-Teaching Staff of the University are entitled to become members and can draw books from the library.
- (b) Membership to the Library/Book Bank will be granted after completing the prescribed Application Form (obtainable from Library/Website) without any additional fee. Members are required to use their membership card while accessing the library.
- (c) The library reserves the right to refuse entry to anyone without a valid University/ Campus Card or Library Card. Only valid Card holders will have access to the library material. Library Users may be required to produce their card to confirm identity. After permission from Librarian, visitors (without a valid Library Card) may access the library for reference purpose only. There may be restrictions on the use of electronic information sources as a result of licensing agreements.
- (d) Library Card will be issued to each registered Library User, which will not be transferable and must be shown on request. A charge will normally be made for a replacement card.

3. ISSUANCE AND RETURN OF LIBRARY MATERIAL

(a) Books (prescribed in the course) could be loaned for a varying period to Library Users, as described below.

	S. No.	Library user	Max No. of books (At a time)	Max issuance duration
1		Teaching staff (Regular)	06	One semester
2	2.	Undergraduate Student	02	15 Days
	3. Postgraduate Students		04	15 Days
4	ŀ.	Non-Teaching staff (Regular)	02	15 Days

- (b) A faculty member (regular) can draw only six books from the library in a semester. He will, however, return the books on semester termination, when he will get the new books issued for the next semester. Books cannot be transferred to any other member of the library.
- (c) Textbooks recommended books and Reference Books may be issued for overnight only with the permission of the Librarian.
- (d) Books of which only single copies are available, volumes of periodicals and thesis, reports may be issued for three (03) days under the special permission of the Librarian.
- (e) No Library material shall be removed from Library premises until its issue has been properly recorded. Materials borrowed shall be returned within the stipulated period and their return properly recorded at the library. Library Users are responsible to properly record return book/s in the Library Register.

- (f) Any material borrowed may be recalled after seven days of being issued if it has been requested for use by another reader or any other purpose. It must be returned as specified in the recall notice.
- (g) Library materials in certain categories indicated below may not be issued without special permission: (a) Items from the Reference collections; (b) Material labeled' Not to be Issued'; (c) Theses/ Reports.
- (h) Members leaving the library should stop at the exit so that the material borrowed or taken out of the library by them may be checked.

4. GENERAL CONDUCT AND DISCIPLINE

- (a) Library material is issued to Library Users, for safe and fair use. Library Material issued must be used by the borrowers themselves and not further lent out to others. Library Material issued to the Library Users are non-transferrable and expected to be fairly used without any damage /modification.
- (b) The Library Staff reserves the right to inspect anything brought in the library premises. Laptops, mobile devices, bags, files, folders, coats and any other items allowed into the library shall be subject to examination on exit.
- (c) Library users must take care of Library and Library Materials and must not damage or deface them in any way, including by highlighting, underlining, writing or drawing in them or by removing any part of them. Bottles of ink may not be brought into the library.
- (d) Library Users are responsible for the security of their own belongings. Members entering into the library shall not bring in their personal books, briefcases, large size file covers, overcoats, etc. These may be deposited with the Library Attendant at Library Main Counter. Study space may not be 'reserved' by leaving personal belongings unattended at desks whilst the owner leaves the library. Belongings left unattended at any time may be removed and treated as lost property.
- (e) Use of portable computers and mobile devices are permitted in the library premises, provided that these are in the 'silent' mode or quiet in operation. Users of such equipment may be required to work in specified areas or to stop using a computer if it constitutes a distraction to other readers.
- (f) Library Users using their portable computers and mobile devices do so at their own risk and are responsible for the safety and security of their equipment (including cables). They should be mindful of the safety of others by avoiding trailing wires. It is the responsibility of the owner to have such equipment tested for electrical safety, and use is conditional upon the owner's acceptance of responsibility for damage to university property caused by their equipment.
- (g) Food and beverages, sleeping and smoking within the library premises is strictly prohibited.
- (h) Silence must be observed in and around the library at every time. Noise making, audible conversation, shouting within the library, playing music on computers/handsets in the library are strictly prohibited.
- (i) The use of mobile phone (for calls) in the premises of the library is strictly prohibited. If any student is found using mobile phone in the library, a fine of Rs.300/- will be charged from him/her.
- (j) Discussions in the Reading Rooms is strictly prohibited. The combined study of males and females in the premises of the library is not allowed. The offenders will be charged a fine of Rs.200/- each.
- (k) Reading tables and chairs must not be moved from their positions.
- (l) Library staff shall be responsible for the maintenance of order in the library. Library staff is empowered to stop any activity in the library, which they consider unethical, disorderly conduct or breach of any rule, prejudicial to the safety, well-being, or security of readers or Library staff or to the preservation of the collections. Library Staff may require an offending member to withdraw from the library for the remainder of the day and shall immediately report the case to the Librarian.
- (m) The University Library shall remain closed during holidays and for the annual stock-taking period. Stock-taking shall be conducted from the shelf list/accession register.
- (n) Physical verification will be made every year in June by a special committee duly notified by the University.
- (o) There will be only one point of entry and exit in the library. The doors and windows of the library shall be secured with proper protective devices.
- (p) It is to be ensured that no serious negligence will be on the part of Library Staff, which may result in the loss of the library books.

- (q) Proper record for the library materials issued, may be maintained. according to modern available library practices and proper records for transfer and movement of books from one section to another be also maintained.
- (r) Proper arrangements shall be made for keeping the personal belongings, including books etc., at the library entrance.
- (s) Library staff, readers and visitors are requested to demonstrate values of mutual respect and courtesy in all interactions.

5. LEGAL ISSUES

- (a) Students are expected and as well advised to use the e-Library resources for educational purposes only and users must follow Cyber Laws of Pakistan. If any student is found visiting porn/ unethical/ prohibited websites or involved in on his laptop in the library or computer in the library, a fine of Rs.500/- will be charged from the Library User. This may lead to cancellation of his/her Library membership.
- (b) Personal details of Library Users may not be disclosed to other users, nor shall any person use the computerized facilities of the library to obtain or process data. Library staff, may, however, disclose information on the loans of individual users for the purposes of disciplinary procedures.
- (c) Unauthorized access, transmission, copying, scanning or interference in an information system or data (of any source) will be dealt according to Cyber Laws of Pakistan.

6. PENALITIES

- (a) Library users must take care of Library property and Library Materials. and should not damage or deface them in any way, including by highlighting, underlining, writing or drawing in them or by removing any part of them. Bottles of ink may not be brought into the library.
- (b) A Library User who damages the Library Material or fails to return (or returns in a damaged condition) any material shall be liable to pay the cost of replacement or repair. Such Library Fines will be charged as notified or evaluated by the Librarian/Library Committee constituted for this purpose.
- (c) In enforcing the Regulations, the Librarian has the power to impose penalties.
- (d) Librarian may withhold Library services and/or facilities for any infringement of the Regulations. In exceptional circumstances, the Librarian may direct any person to leave the library if his behavior, is prejudicial to the proper conduct of the library.
- (e) All types of Library Fines [duplicate cards fee, price of lost book, fine regarding combined study, use of mobile, misuse of internet and binding charges of mutilated books] will be submitted in prescribed University Bank Account and receipt of paid Bank Voucher will be submitted to Librarian.
- (f) A delay fine will be charged from Library User (Student) keeping the book or books beyond the prescribed period at the rate of Rs.5/- per day per book. However, in case of closure of the University for a period exceeding ten days only normal rent will be charged in lieu of the delay fine. The Librarian may, at his discretion, reduce the delay fine incurred by a borrower from 10 to 50% only, in case of deserving/poor students.

OR

- If delay fine of the book is greater than the price of the book, then overdue period can be considered as rent period and special rent i.e., Rs.40/- per month will be charged from the student.
- (g) If any Library User is found in pilfering Library material, Library User will have to pay the fine equal to current price of the Library Material. Such Library User can also be:
 - a. kept on probation for one or two semesters (Student Member).
 - b. Library membership can be cancelled for one to two semesters.
 - c. Rustication of a student from the University according to loss of Library Material.
- (h) If an issued Library Material is lost or mutilated, Library User would be required to pay its current price plus a fine of Rs.100/-per book. If the current price is not available, the price of the Library Material given in the library record will be charged as double and the Librarian will assess the value/cost of the material. However, preference will be given to replace the material. In case of mutilated material is repairable, binding charges i.e., Rs.150/- for hard binding and Rs.50/- for card binding will be charged from the borrower.
- (i) The printed matter, books, journals, reports, etc. carrying the face value in foreign currency shall be charged at the current conversion rate.
- (j) In case of theses etc. which are not priced publications, photocopying charges according to the market rate will be received plus binding charges.

- (k) In case of the staff member (Teaching/ Non-teaching) for loss of card, a duplicate card will be issued on payment of Rs.50/-, and other abovementioned regulations will be applicable. Report for loss of card to the library staff should immediately be made to avoid any misuse.
- (l) If the Library User (University Teaching/Non-Teaching Staff) has paid fine equal to the current price of the book(s) the books will be written off from the library record.
- (m) If the Library User (University Teaching/Non-Teaching Staff) has donated relevant / valuable book(s) then overdue book(s) will be written off from the library record after the assessment of total amount by the Internal Departmental Committee to be constituted by the Librarian.
- (n) If the Library User (University Teaching/Non-Teaching Staff) did not return the overdue book(s) within three months after the due date, the price of the overdue book(s) will be deducted from the salary of the borrower. Such overdue book(s) will be written off from the library record after the recovery of the price of the overdue books from the salary.
- (o) No reminder for return of overdue book(s) will be sent to the Library User, as it is the responsibility of library users to return the book(s) before the due date.

7. LIBRARY CLEARANCE

- (a) Students, Teaching Staff, Non-Teaching Staff leaving the University (permanently or proceeding on long leave) will get a clearance certificate from Library.
- (b) Visiting faculty will get a clearance certificate from Library at the end of every semester. Their Semester remuneration will be released by the Treasurer office on receipt of a clearance certificate from Library.
- (c) All Student Library Users will get clearance from the library to get Detailed Marks Certificate, Provisional Certificate, Degree Award.
- (d) The examination results/degree of the students not clearing their account with the library shall be withheld by the University until they obtain clearance from the library or any other officer duly designated by the Librarian. Final clearance will be considered after the completion of the tenure of the study program.

8. STOCKTAKING

- (a) Stocktaking will be done after 3-5 years.
- (b) During stocktaking lending of books shall remain suspended.
- (c) All library Users have to submit issued Library Material before notified period.

9. LIBRARY WORKING HOURS

- (a) Library would remain open during the University working hours.
- (b) The library working hours / Opening hours of Reading Rooms may be changed as and when required.

10. LIBRARY MANAGEMENT

(a) Management and control of the library as regards placement of staff and delivery of services rests with the Librarian.

11. EVENTS

- (a) Various events or Trainings will be arranged by Library for Research scholar's/Faculty members on Turnitin, Endnote, SPSS, etc. on request of Chairperson/Head of Department.
- (b) Exhibitions, Book Fairs, Seminars and Workshops.
- (c) Orientations for new / fresh intake of students. Information Literacy Sessions (For each new academics).

12. DONATIONS / GIFTS

Donations/Gifts would be welcomed without any condition and their record will be kept by the Librarian. Following are guidelines for accepting any offer of gifts.

- (a) Any academic material welcomed if fall within scope of library's collection development policy if they are of academic value and if they contribute significantly to the usefulness of current teaching and research collection of library.
- (b) Library would not accept donation of any material that is out of date, or in poor physical condition.
- (c) Donations will be accepted without obligations to donors and on understanding that upon receipt, the material will become property of University Library.
- (d) Library will determine most appropriate way to treat any donated material.
- (e) Donations will normally be dispersed, and items will be shelved with materials on same subject or in other sequence rather than kept in separate, discrete collections.
- (f) Donated material will have the same selection criteria as other library material.
- (g) Library reserves right to dispose of any gift that seems unsuitable or unwanted.
- (h) If required low price editions received in donation may be distributed among students.

13. WEEDING OUT/WRITE OFF

In consultation with the concerned Chairperson/Head of Department, Librarian may weed out/write off non used and outdated material after proper permission of the Vice Chancellor.

HOSTEL RULES AND REGULATIONS

1. SHORT TITLE, COMMENCEMENT AND APPLICATION

- i. These Regulations may be cited as "the Ghazi University, Dera Ghazi Khan Hostel Regulations 2021".
- ii. These Regulations shall come into force with immediate effect.

2. **DEFINITIONS**

Unless there is anything repugnant in the subject or context, the expressions used in these Regulations and defined or used in the Ghazi University Act, 2012, shall have the meanings assigned to them, respectively, hereunder or in the Act

- (a) "Act" means the Ghazi University Act, 2012.
- (b) "Authority" means any of the Authorities of the University specified under Section 18 of the Ghazi University Act,2012.
- (c) "Advisory Committee(s)" means Advisory Committee(s) constituted under these Regulations.
- (d) "Chairman of Department" means head of a teaching Department.
- (e) "Chancellor" means the Chancellor of the University.
- (f) "Competent Authority" means an Officer or Authority of the University competent
- (g) to take disciplinary action against a university student guilty of misconduct and indiscipline.
- (h) "Dean" means the Chairman of the Board of the Faculty.
- (i) "Director" means the head of a Teaching Division or a Directorate of the University.
- (j) Disciplinary Advisory Committee" means Disciplinary Advisory Committee constituted to investigate cases of misconduct and indiscipline.
- (k) "Discipline Committee" means the Discipline Committee, constituted under Paragraph 21 of the Discipline and Conduct Regulations, 2021.
- (l) "Faculty" means a Faculty of the University.
- (m) "Penalty" means a penalty which may be imposed under these Regulations and under Discipline and Conduct Regulations, 2021.
- (n) Head of sub-campus means the head or Principal of sub-campus.
- (o) Head of the Constituent College means head or Principal of the Constituent College.
- (p) Hall Warden means the Hall Warden of the University.
- (q) "Pro Chancellor" means the Pro Chancellor of the University.
- (r) Statutes", "Regulations" and "Rules" means respectively, the Statutes, the
- Regulations and the Rules made or deemed to have been made under the Ghazi University Act, 2012.
- (s) "Syndicate" means the Syndicate of the University.

- (t) "Teachers" means Professors, Associate Professors, Assistant Professors and Lecturers Teaching Assistant, Demonstrator and Instructor engaged whole time by the University and such other persons as may be prescribed in the University/sub-campus/Constituent College for teaching degree, honours or postgraduate classes.
- (u) "University" means the Ghazi University, Dera Ghazi Khan, as reconstituted under the Ghazi University Act, 2012.
- (v) "Vice Chancellor" means the Vice Chancellor of the University and the
- (w) "Pro-Vice Chancellor" means the Pro-Vice Chancellor of the University.

3. ADMISSION TO HOSTEL

There are separate hostels for male and female students on the campus. The hostels are open only to the bonafide students at the University. A resident student will have to abide by the following Regulations and such other Rules as may be framed from time to time

4. HALL SENATE

There shall be Hall Senate comprising Hall Warden(s), Deputy Hall Warden, Associate Hall Wardens, Superintendents and Assistant Superintendents.

- 1. The Vice Chancellor, Hall Warden, may refuse admission to hostel or expel any student if they are satisfied that she/he is not a suitable person to stay in hostel.
- 2. The hostel accommodation will be provided to the bonafide students at the University, subject to the availability of seat.

- 3. Hall shall be allotted with the prior approval of the Hall Warden and seat within the Hall by the Hall Superintendent on seniority/merit basis, which will be determined by considering the year of the study and GPA/CGPA. /Division.
- 4. On allotment slip full particulars including recent photograph, recent email, permanent address with phone number/cell number (if any) and complete address of the student will be given.
- 5. In making the allotment, the hostel authorities will also take into account the conduct and character of a boarder. Those having been imposed penalties shall lose their seniority.
- 6. The allotment of such students whose hostel dues are in arrears shall be liable to be cancelled.
- 7. No boarder is allowed to change his/her seat without prior permission of the hostel authorities.

5. HOSTEL FEE AND SUBSCRIPTION

- 1. Hostel fee as determined by the University from time to time will be paid by the student in each semester.
- 2. Hostel allotment of a student shall stand cancelled, if, s/he fails to pay hostel dues. However, s/he may seek re-admission in a hostel as admissible under rules after payment of required dues.
- 3. Students staying for additional semester/summer session/thesis examination/ research work will have to pay the hostel fee and subscription etc.

6. MESS/CANTEEN RULES

- 1. Hostel mess is managed by the students and supervised by the Assistant Superintendent/Hall Superintendent.
- 2. Nobody other than bonafide student is allowed to be a mess member. Day scholar students may become a member with permission of Hall Superintendent who will ensure the payment of dues.
- 3. Members will elect their own Mess Manager/Mess Committee.
- 4. Mess Manager/Mess Committee is responsible for proper maintenance of mess and cleanliness of kitchen, utensils, dining hall and its surroundings.
- 5. Members will pay their dues to the Mess Manager on or before 7th of every month. Arrears of previous months must be cleared by 7th of the following month.
- 6. The Mess Manager will submit complete mess account to the Hall Superintendent by 10th of every month.
- 7. Meals are served only in the Dining Hall. No service is provided in the room(s).
- 8. A member intending to be absent from a meal must inform the Mess Manager a day before, otherwise s/he will be charged for it.
- 9. Students must settle their accounts with canteen every month regularly. Arrears of the canteen/mess will be recovered from the students at the time of enrolment of each semester. The students will not be enrolled till getting clearance certificate from the Hall Superintendent/Associate Hall Warden/Hall Warden. If any student leaves the hostel without paying hostel dues, the amount outstanding against him/her will be recovered along with a fine of Rs.500/- at the time of next enrolment. In case such a student leaves hostel after qualifying a degree, the outstanding amount shall be recovered at the time of issuance of provisional certificate etc. by the Controller of Examinations.

7. VISITORS

- 1. Admission rights to a hostel premises are reserved.
- 2. Without permission no outsider is allowed to stay at night in the hostel. Violation of this regulation will render the boarder liable for expulsion from a hostel in addition to other penalty which the Hall Warden may impose upon him/her. The outsider found staying/residing in a hostel will be handed over to the police.
- 3. All visitors must leave the hostel by 10:00 pm, but in case of female visitors they will have to leave the hostel before sun set.
- 4. Parents/authorized guardians of a boarder may be allowed to stay for a night with prior permission of the Hall Warden.
- 5. No female visitors are allowed to enter the male hostel and vice versa under any circumstances. Parents/authorized guardians (in case of female) of the female students are allowed to see the students in a specified visiting room during visiting hours.

8. DISCIPLINE

All bonafide University students are governed by the Ghazi University (Discipline and Conduct) Regulations, 2021. However, the following additional regulations have been framed to regulate day to day activities of boarders

- 1. Roll will be called daily at 8:00 to 9:00 p.m. Disciplinary action will be taken against habitual late comers to a hostel at night.
- 2. No gathering or meeting or group activities of unauthorized student bodies are allowed in the premises of a hostel.

- 3. No religious/social ceremony likely to injure the sentiments of other boarders is allowed in the hostel. No speaker from outside the University is permitted in the hostels.
- 4. Every part of the hostel premises shall freely be opened to the hostel authorities for inspection at any time.
- 5. No boarder shall indulge in any amusement which may disturb other boarders.
- 6. Other than electric lights and fans no electric appliances like electric heaters, air conditioners, T.V., musical instruments and exhaust fans etc. will be used in a hostel. However, portable air cooler may be used inside the room after getting prior permission from the Hall Warden. But the boarder student will have to pay fixed amount for the purpose. Any damage to the doors, windows/walls to be done by the students will be recovered from the student(s) concerned. The use of electrical appliances is liable to lead to confiscation of the appliance along with a fine to be decided by the Hall Warden. The resident students may, however, be allowed to use computers for academic purposes only.
- 7. Before leaving the room, all electric articles must be switched off (even for a short while). Leaving the room with light or fan switched on is an offence punishable with fine.
- 8. Firearms and other weapons, liquor, intoxicants, "Hukka" or other prohibited/objectionable tabood articles are not allowed to be kept/used in the hostel.
- 9. Drug addict students will be expelled from the hostel.
- 10. It is the paramount duty of all the residents of the hostels to maintain cleanliness and healthy surroundings both in and outside their rooms. Spitting in rooms, verandas or on stairs, smoking in common rooms, dining halls and defacing walls and fixtures is strictly prohibited.
- 11. Boarders are required to observe necessary precautions for the safe custody of their belongings /valuables. They must not leave their rooms unlocked. In such cases, Hall administration will not be responsible for any loss of property.
- 12. All cases of sickness must be reported to the hall authorities for necessary help and assistance to them.
- 13. The allotment of a student will be cancelled who remains himself/herself absent for one week from the hostel without prior permission/intimation to the concerned authority. However, he/she may seek re-admission as admissible under rules.
- 14. The boarders are required to maintain discipline in the hostel. The following among other violations of the discipline for which action may be taken against the student(s) concerned: -
 - (a) Breach of any rule of public morals, such as
 - i. Use of indecent or filthy language in the premises of residential halls.
 - ii. Use of immodest, improper and provocative dress.
 - iii. Use of undesirable remarks or gestures.
 - iv. Disorderly behavior, such as, fooling, shouting, abusing, quarrelling, fighting and insolence, indecency, profligacy and debauchery.
 - (b) Defiance of authority.
 - (c) Impersonation, purgery, giving false information, willful suppression of information, cheating, deceiving and stealing etc;
 - (d) Shouting of slogans derogatory to the prestige of the University and the reputation of its teachers, officer and officials.
 - (e) of intoxicants.
 - (f) Keeping of licensed or unlicensed firearms or entering the hostel with arms.
 - (g) Immorality, failure to comply with a penalty imposed by a disciplinary authority.
 - (h) Actions defamatory and derogatory to Islam and Pakistan, spreading false news, rumors or panic, conviction for any crime by a Court of Law.
 - i. Misbehavior with a teacher or any other University official.
 - 15. The hall authorities are responsible for maintaining discipline in the hostel and are authorized to admonish students for any irregularity or breach of discipline.
 - 16. The Hall Superintendent, Associate Hall Warden or Hall Warden may punish a student for breach of discipline by way of a fine not exceeding to Rs.2000/- in each case. Admonitions will be reported in writing. Three admonitions in a semester or any serious offence will be brought to the notice of the University authorities for appropriate action.
 - 17. Boarders violating the above-mentioned Regulations, or any other Rule of University shall be punished, suspended/expelled from the hostel. An expelled student may however be re-admitted in the hostel, only once, during his/her stay in the University.

Prospectus Prepared By: Office of the Director Academics & Department of Botany

-149-

