

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

PROSPECTUS 2021-22

DISCLAIMER



The Prospectus for 2021 admission at The University of Chakwal is issued on the express condition that it shall not form part of any contract between the University and Student(s) Every effort has been made to ensure the accuracy of its contents, however, errors and omissions are excepted. This prospectus has no legal value, it is only a document for information and shall not be binding on the University in any case, whatsoever. The University reserves the right to withdraw any/or amend rules, regulations, policies, structure of fee and nature of courses at any time without prior notice. The admission to the University of Chakwal shall be subject to fulfilment of all requirements of pre-conditions by the students in terms of registration procedure and adherence to the Ordinance, Statutes, Rules and Regulations of the University. All admissions Made in contravention to the laws of the University shall be subject to cancellation, irrespective of the time spent and progress made in academics/studies.

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FACULTY OF ENGINEERING & TECHNOLOGY

- Department of Electronics Engineering
- Department of Mechatronics Engineering
- Department of Petroleum and Gas Engineering

FACULTY OF ARTS & SCIENCES

- Department of Botany
- Department of Chemistry
- Department of Economics
- Department of English
- Department of Islamic Education
- Department of Information Technology
- Department of International Relations
- Department of Mathematics
- Department of Physics
- Department of Sociology
- Department of Urdu
- Department of Zoology
- Department of Geography
- Department of History
- Department of Statistics

FACULTY OF MANAGEMENT SCIENCES & IT

- Department of Business Administration
- Department of Computer Science

FACULTY OF MEDICINE & ALLIED HEALTH SCIENCES

- Department of Human Nutrition & Dietetics
- Department of Physical Therapy

FACULTY OF LAW

- Department of Law (LLB)

RULES & REGULATIONS

QUAID'S MESSAGE


“Without education it is complete darkness and with education it is light. Education is a matter of life and death to our nation. The world is moving so fast that if you do not educate yourselves you will be not only completely left behind, but will be finished up. The Holy Prophet (PBUH) had enjoined his followers to go even to China in the pursuit of knowledge. If that was the commandment in those days when communications were difficult, then, truly, Muslims as the true followers of the glorious heritage of Islam, should surely utilize all available opportunities. No sacrifice of time or personal comfort should be regarded too great for the advancement of the cause of education.”

Message to Muslim Student Federation, 1943



Pro Chancellor's Message

The government is committed to ensuring equitable access to quality Higher Education by adopting modern techniques in research to furnish the socio-economic fabric of the province. Affordability and availability of opportunities towards higher learning for students across all the segments of the society is being focussed by eliminating segregation and discrimination at all levels. Structural reforms have been introduced for the provision of quality human capital through professional development of faculty and staff of the College & Universities to produce quality graduates to help build knowledge based economy. Being the son of this soil and abiding by the election manifesto of the government, University of Chakwal has been established. I hope and wish that UoC would serve and emblem of enlightenment, skill, research and job creation.

A portrait of Raja Yasir Humayun Sarfraz, a man with a beard and mustache, wearing a light-colored turban and a dark jacket. He is looking slightly to the left of the camera.

Raja Yasir Humayun Sarfraz
Minister for Higher Education,
Punjab

Vice Chancellor's Message

On behalf of the students and staff at the University of Chakwal, I cordially welcome all of you to a newly established yet highly aspiring educational institution of the Punjab. We are optimistic that each and every entrant will be fascinated with the commitment, passion, resolution and enthusiasm by all the functionaries of the University.

We are honored that a lot of laureates of various cohorts have been produced by the erstwhile Govt. Post-Graduate College, Chakwal, since its inception, 1949 in the field of Journalism, Art & Culture, Science, Literature, Technology, Statesmanship, Bureaucracy, Philanthropy, Education, Mining, Agriculture and Tourism. Ex-UET Taxila Campus, Chakwal also contributed laudable services to the field of Engineering.

University of Chakwal would provides a conducive enjoyment to young aspirants so that they could nurture their abilities and harness their creative skills to become future leaders.

UOC has started admissions in the fields of Arts & Sciences, Engineering & Technology, Medicine & Allied Health Scienses, Law & Business Studies.

I assure you that this institution would provide a great platform to encourage and promote research and innovation based activities while employing automation and digitalization tools.



**Prof. Dr.
Mohammad Bilal Khan**
Vice Chancellor
The University of Chakwal

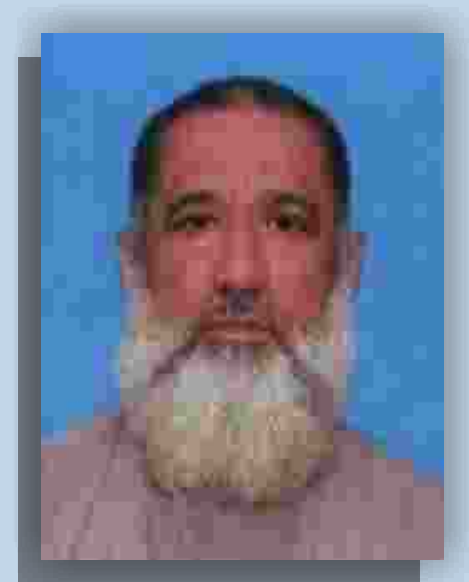
Principal College of Arts & Sciences Message

IN THE NAME OF ALLAH, THE MAGNIFICENT AND EXTREMELY MERCIFUL.

Chakwal College of Arts & Sciences, University of Chakwal is in the heart of Chakwal City. It is the exalted and up graded version of former Govt. Post Graduate College Chakwal. It is the climax of progress and development in the history of this institution. Now it is a progressive organ of University of Chakwal with 17 disciplines of versatile nature. For people of Chakwal especially and for the people of Pakistan generally it is a blessing and land mark in advancement of education. I welcome all the students who are seeking admission in this great university and ensure that quality education will be imparted to them along with moral and cultural values of this region. They will enjoy panoramic environment here. I hope they will come out well disciplined and well trained citizens to face challenges of modern life of today.

We are all out to assist and inspire them in their march on the road of bright future. Hard work, honesty, unity, faith and discipline will lead them to achieve the cause of glorious life. Commitment to these values will serve as key to their successful life.

Heights by great men reached and kept,
Were not attained by sudden flight,
But they which their companions slept,
Were toiling upward in the night.



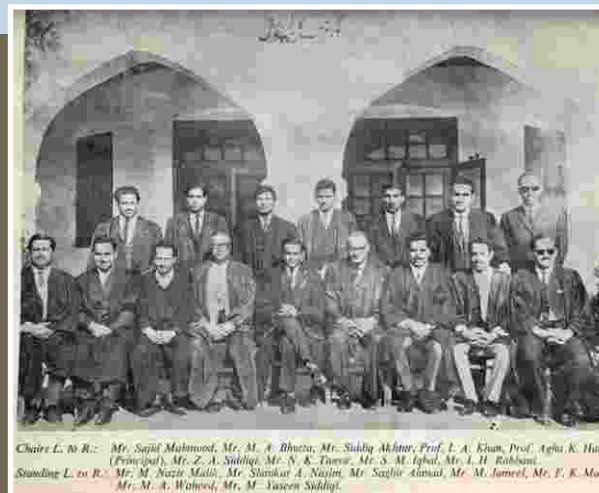
Prof.
Hafiz Muhammad Akhtar
Principal
College of Arts & Sciences

A Glance at HISTORY

University of Chakwal is a progeny of Govt. Post Graduate College Chakwal that has been a beacon of excellence since its inception in 1949. The college was in brain child of the then MLA of the Punjab Assembly, Khan Sahib Raja Sarfaraz Khan, who not only donated his precious land for the college but also contributed funds generously for the construction of its building. He is truly the Sir Syed of this land of intellectuals, sufis, bureaucrats, soldiers and politicians.

The college had a modest beginning with 14 professors to teach almost 300 students. However after decades of hard work, commitment and dedication, the college transformed into a sea where students of the area have quenched their thirst and satiated their soles.

This is a historic moment for GPCC when it has been elevated to University of Chakwal through a notification by the Government of the Punjab on January 17th, 2020.



OUR PARADIGM



VISION

Our vision is to promote quality higher education and research culture so that highly efficient and market job oriented graduates are produced who could serve the nation with zeal and zest.

MISSION

To ensure horizontal access of opportunities for higher education to all the segments of society, particularly those in the region.

To encourage relevant research and enhance analytical skills of the graduates to promote knowledge based capital for socio-cultural, economics and technological advancement.

To enable the budding scholars to socialize and groom personality through career counseling, co-curricular and extra-curricular activities at different levels.

CORE VALUES

INTEGRITY

TRANSPARENCY

COMPASSION

SINCERITY

HARD WORK

University MAP

- A OLD INTER BLOCK
- B PRINCIPAL OFFICE
- C DR. ZAHOOR & IR BLOCK
- D B.S. BLOCK
- E SEITHI BLOCK
- F CLASSROOMS
- G MOSQUE
- H BOYS & FACULTY HOSTEL
- I ARIYA BLOCK
- J CITY COLLEGE BUILDING
- K CAFETERIA
- L LIBRARY
- M ACADEMIC BLOCK
- N HEALTH CENTER
- O CD OFFICE
- P G.P.C.
- Q STUDENT SECTION



MASTER PLAN
UNIVERSITY OF CHAKWAL (CITY CAMPUS)

Our Proud Alumini

The University of Chakwal is proud of its alumini. We look forward to enhancing the number of our graduates who could contribute to the national cause at all levels.



**GENERAL
ABDUL QAYUM**

Lieutenant General Abdul Qayyum is a retired three-star general of the Pakistan Army who has been the chairman of the Pakistan Ordnance Factories and chairman of board of Pakistan Steel Mills.



**Justice
Qazi Amin Ahmed**

Born on 26th of March 1957 in Chakwal; Completed early education from Government High School and Government Degree College Chakwal. Elevated as Judge Lahore High Court on 07-11-2014 and took oath of office as Judge Supreme Court of Pakistan on 24-04-2019.



**Prof. Dr.
Arshad Mahmood Malik**

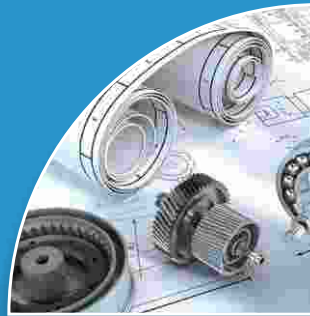
**MDS, FPAOMFS, FPSOMP,
FICD, FPFA**

Principal/Dean / HOD Oral and Maxillofacial Surgery at HBS Dental College Islamabad

Highlights of Events



2021-22



FACULTY OF ENGINEERING & TECHNOLOGY

F A C U L T Y

Dr. M. Abdul Basit
Associate Professor

Dr. Furqan Shaukat
Associate Professor

Engr. Ahmad Umar Niazi
Assistant Professor

Dr. M. Laiq-ur-Rehman
Assistant Professor

Dr. Hammad Zaki
Assistant Professor

Engr. Muhammad Usman
Assistant Professor

CODE	COURSE	C/Hr.		CODE	COURSE	C/Hr.	
SEMESTER I				SEMESTER III			
		Theory	Lab.			Theory	Lab.
BH-111	Functional English	03	00	BH-211	Differential Equations	03	00
BH-112	Calculus & Analytical Geometry	03	00	EN-212	Electronic Circuit Design	03	01
BH-113	Applied Physics	03	01	EN-213	Digital Logic Design	03	01
CS-114	Computer Fundamentals & Programming	02	01	EN-214	Electrical Network Analysis	03	01
EN-115	Linear Circuit Analysis	03	01	EN-215	Instrumentation & Measurements	03	01
EN-116	Electronics Workbench	00	01	TOTAL		15	04
TOTAL		14	04	Semester Total		19.00	
Semester Total		18.00					
SEMESTER II				SEMESTER IV			
		Theory	Lab.			Theory	Lab.
BH-121	Communication Skills	03	00	BH-221	Complex Variable & Transforms	03	00
BH-122	Linear Algebra	03	00	BH-222	Pakistan Studies	02	00
CS-123	Computer-Aided Engineering Design	00	01	EN-223	Microprocessors & Microcontrollers	03	01
CS-124	Object Oriented Programming	03	01	EN-224	Electrical Machines	03	01
EN-125	Solid-State Electronics	02	00	EN-225	Integrated Electronics	03	01
EN-126	Electronic Devices & Circuits	03	01	TOTAL		14	03
TOTAL		14	03	Semester Total		17.00	
Semester Total		17.00					

F A C U L T Y

Engr. Faisal Masood
Lecturer

Engr. Sadaqat Ali
Lecturer

Engr. M. Tahir Iqbal
Lecturer

Engr. M. Tahir Khan
Lab Engineer

CODE	COURSE	C/Hr.		CODE	COURSE	C/Hr.			
SEMESTER V			Theory	Lab.	SEMESTER VII			Theory	Lab.
BH-311	Social Sciences Elective-I	03	00	MS-411	Management Sciences Elective-I	03	01		
BH-312	Technical Report Writing & Presentation Skills	03	00	EN-4XX	Elective-I	03	0/1		
EN-313	Probability & Random Variables	03	00	EN-4XX	Elective-II	03	0/1		
EN-314	Electromagnetic Field Theory	03	00	XX-4XX	Elective-III	03	0/1		
EN-315	Signals & Systems	03	01	EN-499A	Electronic Engineering Project	01	03		
TOTAL		15	01	TOTAL		12	4/6		
Semester Total		16.00		Semester Total		16/18.00			
SEMESTER VI			Theory	Lab.	SEMESTER VIII			Theory	Lab.
BH-321	Islamic Studies	03	00	MS-421	Management Sciences Elective-II	03	00		
BH-322	Social Science Elective-II	03	00	EN-4XX	Elective-IV	03	01		
EN-323	Analog & Digital Communication	03	01	EN-4xx	Elective-V	03	0/1		
EN-324	Control Systems	02	01	EN-499B	Electronic Engineering Project	00	03		
EN-325	Digital Signal Processing	03	01	TOTAL		09	4/5		
TOTAL		14	03	Semester Total		13/14.00			
Semester Total		17.00							

CODE	COURSE TITLE	COURSE TITLE	COURSE TITLE	
EN-412	FPGA-Based System Design	03	01	Digital Logic Design
EN-413	Embedded System Design	03	01	Introduction to Computers, Digital Logic Design
EN-414	Industrial Automation	03	01	Instrumentation & Measurement Control
EM/CS-415	Digital Image Processing	03	01	Digital Signal Processing
EN-416	VLSI Design	03	01	Integrated Electronics
EN-417	Digital System Design	03	01	Digital Logic Design
EN-418	Analog & Mixed Signal	03	01	Integrated Electronics
EN-419	RF Electronics	03	01	Analog and Digital Communication, Integrated Electronics
EN-420	Microelectronics Technology	03	00	integrated Electronics
EN-422	Power Electronics	03	01	Electronic Circuit Design
EN-423	Computer Architecture	03	00	Microprocessor and Microcontrollers
EN/CS-424	Computer Communication Networks	03	01	Analog and Digital Communications
EN-425	Digital Control System	03	01	Control System
EN-426	Industrial Electronics	03	01	Power Electronics
EN/CS-427	Artificial Intelligence	03	01	Digital Logic Design
EN-428	Filter Design	03	01	Digital Signal Processing
EN-429	Introduction to Nanotechnology	03	00	Solid-State Electronics, Integrated Electronics
EN-430	Biomedical Instrumentation	03	01	Instrumentation &
EN-432	Opto-Electronics	03	00	Applied Physics
EN-432	Laser and Filter Optics	03	00	Applied Physics
EN-433	Digital Instrumentation Systems	03	01	Intrumentation & Measurement
EN-434	Mobile Communications	03	00	Analog and Digital Communications
EN-435	Satellite Communications	03	00	Analog and Digital Communications
EN-436	Microwave Engineering	03	00	Electromagnetic Field Theory, Electrical Network Analysis
EN-437	Wave Propagation and Antennas	03	01	Introduction to Computers
EN-438	Navigational Aids	03	01	Computer Programming
EN-439	Operating System Concepts	03	00	Microprocessor and Microcontrollers, Atificial Intelligence
EN-CS440	Advanced Object Oriented Programming	03	01	Microprocessor and Microcontrollers, Atificial Intelligence
EN/CS441	Fuzzy Logic and Simulation	03		Digital Signal Processing
EN/CS442	Pattern Recognition and Matching	03		-
EN/CS443	numerical Methods	03		Linear Algebra
BH-444	Introduction to Robotics	03		-
EN/MT-445	Mechatronics Applications	03		-
EN/MT-446	Thermodynamics	03		-
EN/MT-447	Mechanics of Materials	03		Machanics of Materials
EN/MT-448	Theory & Design of Machines	03		-
EN/MT-449	Engineering Dynamics	03		-
EN/MT-450	Materials & Manufacturing Processes	03		
EN/MT-451				

F A C U L T Y

Dr. Amir Sultan
Professor

Dr. Shahid Mehmood
Associate Professor

Dr. M. Khurram Saleem
Assistant Professor

Dr. M. Ahmed Nauman
Assistant Professor

Engr. Javed Akhter
Assistant Professor

Dr. Shafiq-ur-Rehman
Assistant Professor

CODE	COURSE	C/Hr.		CODE	COURSE	C/Hr.	
SEMESTER I				SEMESTER III			
		Theory	Lab.			Theory	Lab.
GS-111	Calculus and Analytical Geometry	03	00	GS-121	Vector Calculus	03	00
ME-112	Engineering Statics	03	00	ME-122	Electronics Devices and Circuits	03	01
HS-113	Communication Skills	02	00	CS-123	Engineering Dynamics	03	00
ME-114	Workshop Practice	00	02	GS-124	Solid Modeling	00	01
EE-115	Electric Circuits Analysis	03	01	HS-125	Materials and Manufacturing Process	03	00
HS-116	Islamic Studies	02	00	HS-126	Data Structure & Object Oriented Programming	03	01
	TOTAL	13	03		Social Sciences Elective II	02	00
	Semester Total	16.00		TOTAL		17	03
				Semester Total			
				20.00			
SEMESTER II				SEMESTER IV			
		Theory	Lab.			Theory	Lab.
GS-121	ODE & Linear Algebra	03	00	GS-221	Complex Variables and Transform	03	00
ME-122	Engineering Drawing	03	02	EE-222	Electronic Circuits Design	03	01
CS-123	Computer Programming	02	01	EE-223	Signals and System	02	00
GS-124	Applied Physics	03	01	ME-224	Mechanics of Materials	02	01
HS-125	Technical Report Writing	02	00	CS-225	Digital Logic Design	02	01
HS-126	Pakistan Studies	00	00	MTE-226	Actuating Systems	03	01
	TOTAL	14	04	TOTAL		15	04
	Semester Total	18.00		Semester Total		19.00	

F A C U L T Y

Engr. Muhammad Asif
Lecturer

Engr. Bushra Nawaz
Lecturer

Engr. Shahbaz Ahmad
Lecturer

Engr. Zubair Butt
Lecturer

Engr. Arqam Razzaq
Lab. Engineer

Engr. Bilal Ahmed
Lab. Engineer

Engr. M. Naeem Zafar
Lab. Engineer

CODE	COURSE	C/Hr.		CODE	COURSE	C/Hr.	
SEMESTER V				SEMESTER VII			
		Theory	Lab.			Theory	Lab.
GS-311	Probability and Statistics	03	00	MTE-411	Robotics	03	01
MTE-312	Microcontroller and Embedded System	02	02	MTE-412	Control Systems	03	01
ME-313	Fluid Mechanics	02	01	MTE-413	Engineering Elective II	03	00
MTE-314	Instrumentation and Measurement	03	01	MS-414	Engineering Economics	03	00
ME-315	Theory of Machines	02	01	MTE-415A	Senior Design Project	00	03
HS-316	Management Sciences Elective	03	00	TOTAL		12	05
TOTAL		15	05	Semester Total		17.00	
Semester Total		20.00					
SEMESTER VI				SEMESTER VIII			
		Theory	Lab.			Theory	Lab.
GS-321	Numerical Methods	02	00	MTE-421	Engineering Elective III	03	00
MTE-322	Mechatronics System Design	02	02	MTE-422	Industrial Automation	02	01
MTE-323	Design of Machine Elements	02	00	MTE-415B	Senior Design Project	00	03
MTE-324	Engineering Elective I	03	00	TOTAL		05	04
MS-325	Modeling and Simulation	03	00	Semester Total		9.00	
ME-326	Fundamentals of Thermal Sciences	03	01				
TOTAL		15	03	GRAND TOTAL		137.00	
Semester Total		18.00					

ELECTIVES (Engineering Elective)

S.NO.	COURSE	C/Hr.
01	Power Electronics	
02	Mechanical Vibrations	
03	Special Topics in Mechatronics	
04	Digital Signal Processing	
05	Digital Control Systems	
06	Digital Image Processing	
07	Power Plant Systems	
08	Introduction to Systems Engineering	
09	Machine Vision	
10	Machine Learning	
11	Artificial Intelligence	
12	Precision Manufacturing	
13	Energy Resources and Management	
14	Intelligent Systems	
15	Computer Aided Engineering	
16	Digital Filter Design	
17	Advanced Control Systems	
18	Mobile Robotics	
19	Internal Combustion Engine	
20	Automotive Technology	
21	Elect Instrumentation	
22	Laser and Its Applications	
23	Condition Monitoring	
24	Bio-Mechtronics	
25	Data Communication and Networking	
26	Fuzzy Logic	
27	Applied Robotics	
28	Mechatronics Modeling for Automotive Systems	
29	Power Train Systems	
30	Embeddd Systems	
31	Computer Integrated Manufacturing	
32	Or any other relevant course.	

Social Sciences Elective

S.NO.	COURSE	C/Hr.
01	Professional Ethics	
02	Sociology Development	
03	Organizational Behaviour	
04	Introduction to Philosophy	
05	English	
06	Or any other relevant course(s)	

Management Sciences Elective

S.NO.	COURSE	C/Hr.
01	Engineering Management	
02	Total Quality Management (TQM)	
03	Entrepreneurship, Leadership & Team Management	
04	Principles of Management	
05	Research Methodology	
06	Knowledge Management	
07	Or any other relevant course(s)	

Engr. M. Akmal Khan
Lecturer

Engr. Muhammad Arslan
Lab. Engineer

CODE	COURSE	C/Hr.		CODE	COURSE	C/Hr.	
SEMESTER I				SEMESTER III			
		Theory	Lab.			Theory	Lab.
PG-111	Fundamentals of Petroleum Engineering	02	00	HS-211	Technical Writing & Presentation Skills	02	00
GE-112	Applied Geology	02	01	GS-212	Complex Variables and Linear Transform	03	00
HS-113	Islamic Studies / Ethics	02	00	GS-213	Fluid Mechanics	02	01
GS-114	Calculus	03	00	EE-214	Principles of Electrical Engineering	02	01
GS-115	Applied Physics	03	01	PG-215	Petroleum Geology and Geophysical Exploration	03	00
EN-116	Functional English	02	00	CH-216	Applied Thermodynamics	02	01
ME-117	Workshop Practice	01	02	TOTAL		14.00	03
TOTAL		14.00	04	Semester Total		17.00	
SEMESTER II				SEMESTER IV			
		Theory	Lab.			Theory	Lab.
HS-121	Communication Skills	02	01	CS-311	Principles of Corrosion Control (3+0)/ Unconventional Reservoirs (3+0)	02	01
HS-122	Pakistan Studies	02	00	PG-312	Mechanics of Materials	03	01
GS-123	Differential Equation	03	00	PG-313	Drilling Engineering-I	03	01
CH-124	Applied Chemistry	02	01	MS-314	Petrophysics	03	00
ME-125	Engineering Drawing	00	02	CH-315	Social Sciences	02	01
CS-126	Computer Programming & Application Software	02	01	TOTAL		13.00	04
TOTAL		11.00	05	Semester Total		17.00	
Semester Total		16.00					

CODE	COURSE	C/Hr.		CODE	COURSE	C/Hr.	
SEMESTER V				SEMESTER III			
		Theory	Lab.			Theory	Lab.
CS-311	Applied Numerical Methods	02	01	PG-411	Natural Gas Engineering	02	01
PG-312	Properties of Reservoir Fluids	03	01	MS-412	Project Planning and Mngement	02	01
PG-313	Drilling Engineering-II	03	01	PG-413	Well Testing	03	01
MS-314	Environment and Safety Management	03	00	PG-414	Petroleum Production Engineering-II	03	01
CH-315	Instrumentation and Process Control	02	01	PG-415	Reservoir Simulation	03	01
	TOTAL	13.00	04	PG-416	Final Year Project*	01	00
	Semester Total	17.00		TOTAL		1300	05
				Semester Total		18.00	
SEMESTER VI				SEMESTER IV			
		Theory	Lab.			Theory	Lab.
PG-321	Reservoir Geomechanics	02	01	PG-421	Final Year Project	00	06
PG-322	Well Logging	02	01	PG-422	Petroleum Economics	02	00
PG-323	Reservoir Engineer-I	03	01	PG-423	Principles of Enhanced Oil Recovery	03	01
PG-324	Petroleum Production Engineering-I	03	01	PG-424	Reservoir Engineering -II	03	01
CH-325	Petroleum Refinery Engineering	03	01				
	TOTAL	13.00	04	TOTAL		8.00	08
	Semester Total	17.00		Semester Total		16.00	

2021-22

FACULTY OF ARTS & SCIENCES



F A C U L T Y

Dr. Noor Zaman
Assistant Professor

Mr. Nisar Abbas
Assistant Professor

Mr. Muhammad Iqbal
Assistant Professor

CODE	COURSE	C/Hr.
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SEMESTER I

ENG-111	English-I	03
SCI-112	Introduction to Computers	03
PKS-113	Pakistan Studies	02
ZOL-114	Principles of Animal life-I	03
CHM-115	Inorganic Chemistry	03
BOT-116	Diversity of Plants and related life	03
BOT-117	Diversity of Plants and related life (Lab)	01
TOTAL		18.00

SEMESTER II

ENG-121	English-II	03
ISL-122	Islamic Studies	02
SOC-123	Introduction to Sociology	03
ZOL-124	Principles of Animal Life-II	03
CHM-125	Organic Chemistry	03
BOT-126	Plant Systematic, Anatomy & Development	03
BOT-127	Plant Systematic, Anatomy & Development (Lab)	01
TOTAL		18.00

CODE	COURSE	C/Hr.
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SEMESTER III

ENG-211	English –III	03
MTH-212	Mathematics	03
ZOL-213	Diversity of Animal life-I	03
CHM-214	Physical Chemistry	03
BOT-215	Cell Biology, Genetics & Evolution	03
BOT-216	Cell Biology, Genetics & Evolution (Lab)	01
TOTAL		16.00

SEMESTER IV

BST-221	Introduction to Biostatistics	03
BST-222	Introduction to Biostatistics (Lab)	01
ZOL-223	Animal Diversity-II	03
BOT-224	Plant Physiology & Ecology	03
BOT-225	Plant Physiology & Ecology (Lab)	01
BOT-226	Biodiversity & Conservation	03
BOT-227	Biodiversity & Conservation (Lab)	01
BOT-228	Applied Botany	03
TOTAL		18.00

CODE COURSE C/Hr.

SEMESTER V

BOT -311	Diversity of Monera	03
BOT-312	Diversity of Vascular Plants	03
BOT-313	Psychology and Bryology	03
BOT-314	Mycology & Plant Pathology	03
BOT-315	Plant Systematics	03
BOT-316	Diversity in Protoctista	03
	TOTAL	18.00

SEMESTER VI

BOT-321	Plant Anatomy	03
BOT-322	Plant Ecology-I	03
BOT-323	Genetics-I	03
BOT-324	Plant Biochemistry-I	03
BOT-325	Plant Physiology-I	03
BOT-326	Research Techniques	03
	TOTAL	18.00

CODE COURSE C/Hr.

SEMESTER VII

BOT-411	Molecular Biology	03
BOT-412	Plant Biochemistry-II	03
BOT-413	Plant Ecology-II	03
BOT-414	Plant Physiology-II	03
BOT-415	Fundamentals of Tissue Culture	03
BOT-416	Ethnos Botany	03
BOT-417A	Research Thesis (Optional in Place of Ethnobotany)	03
	TOTAL	18.00

SEMESTER VIII

BOT-421	Genetics-II	03
BOT-422	Environmental Biology	03
BOT-423	Plant Stress Physiology	03
BOT-424	Thesis	03
BOT-425	Plant Biotechnology	03
BOT-426	Horticulture & Landscaping	03
	Research These (Optional in Place of Horticulture & Landscaping)	03
	TOTAL	18.00
	GRAND TOTAL	00.00

Dr. Ghulam Shabir
Assistant Professor

Mr. Imran Hussain Minhas
Assistant Professor

CODE COURSE C/Hr.Lab.

SEMESTER I

ENG-111	Functional English	03	00
ISL-112	Islamic Studies	02	00
CSI-113	Introduction to Computer	03	00
BOT-114	Diversity of Plants	03	00
PHY-115	Elementary Mechanics	03	00
CHEM-116	Inorganic Chemistry-I (Theory)	03	00
CHEM-117	Inorganic Chemistry-I (Practical)	01	01
TOTAL		17.00	01

SEMESTER II

ENG-121	Communication Skills	03	00
PAK-122	Pakistan Studies	02	00
IT-123	Fundamental of Information Systems	03	00
MTH-124	Basis Mathematics for Chemists	03	00
BOT-125	Plant System Anatomy	03	00
CHEM-126	Organic Chemistry-I (Theory)	03	00
CHEM-127	Organic Chemistry-I (Practical)	00	01
TOTAL		17.00	01

CODE COURSE C/Hr.

SEMESTER III

ENG-211	English-III (Report Writing)	03	00
CHEM-222	Environmental Chemistry	02	00
STAT-223	Statistics For Chemists	03	00
ZOO-224	Principals of Animal Life-I (Theory)	03	00
CHEM-225	Industrial Chemistry	03	00
CHEM-226	Physical Chemistry-I	03	00
CHEM-227	Physical Chemistry-I (Practical)	00	01
TOTAL		17.00	01

SEMESTER IV

ENG-221	English Essay Writing	03	00
ZOO-222	Principals of Animal Life-II	03	00
STAT-223	Applied Statistics	03	00
CHEM-224	Applied Chemistry	02	00
CHEM-225	Analytical Chemistry (Theory)	02	00
CHEM-226	Analytical Chemistry (Practical)	00	01
CHEM-227	Biochemistry-I (Theory)	02	00
CHEM-228	Bio-Chemistry-I (Practical)	00	01
TOTAL		15.00	02

CODE	COURSE	C/Hr.	Lab.
SEMESTER V			
CHEM-311	Inorganic Chemistry-III (Theory)	03	00
CHEM-312	Inorganic Chemistry-III (Practical)	00	01
CHEM-313	Organic Chemistry-III (Theory)	03	00
CHEM-314	Organic Chemistry-III (Practical)	00	01
CHEM-315	Physical Chemistry-III (Theory)	03	00
CHEM-316	Physical Chemistry-III (Practical)	00	01
CHEM-317	Analytical Chemistry (Theory)	03	00
CHEM-318	Analytical Chemistry (Practical)	00	01
TOTAL		12.00	04

CODE	COURSE	C/Hr.	Lab.
SEMESTER VI			
CHEM-321	Inorganic Chemistry-III (Theory)	03	00
CHEM-322	Inorganic Chemistry-III (Practical)	00	01
CHEM-323	Organic Chemistry-III (Theory)	03	00
CHEM-324	Organic Chemistry-III (Practical)	00	01
CHEM-325	Physical Chemistry-III (Theory)	03	00
CHEM-326	Physical Chemistry-III (Practical)	00	01
CHEM-327	Biochemistry-II (Theory)	03	00
CHEM-328	Biochemistry-II (Practical)	00	01
TOTAL		12.00	04

CODE	COURSE	C/Hr.	Lab.
SEMESTER VII			
Specialization (Analytical Chemistry)			
CHEM-411	Atomic Spectroscopy	03	00
CHEM-412	Electroanalytical Techniques	03	00
CHEM-413	Advanced Separation Techniques	03	00
CHEM-414	Research Methodology	02	00
CHEM-415	AGRO Based Industries	02	00
CHEM-416	Advanced Analytical Lab	00	03
TOTAL		13.00	03

CODE	COURSE	C/Hr.	Lab.
SEMESTER VII			
Specialization (Inorganic Chemistry)			
CHEM-511	Inorganic Research Mechanism	03	00
CHEM-512	Acceptor Ligands & Inorganic Polymers	03	00
CHEM-513	Inorganic Spectroscopy	03	00
CHEM-514	Research Methodology	02	00
CHEM-515	Advanced Separation Techniques	03	00
CHEM-516	Advanced Inorganic Lab	00	03
TOTAL		13.00	03

Mr. Faisal Jehangir
Assistant Professor

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
SEMESTER I			SEMESTER III		
ENG-111	Functional English	03	ENG-211	Technical Report Writing & Presentation Skills	03
ISL-112	Islamic Studies/ Ethics	02	ECO-212	Intermediate Microeconomics	03
ECO-113	Principle Of Microeconomic	03	SCI-213	Introduction To Computer	03
MTH-114	Fundamental of Mathematics	03	SOC-214	Introduction to Anthropology	03
Code-115	Diversification-I	03	Code-215	Diversification- V	03
Code-116	Diversification-II	03	Code216	Diversification-VI	18.00
	TOTAL	17.00		TOTAL	
SEMESTER II			SEMESTER IV		
ENG-121	Communication Skills	03	POL-221	Introduction to Human Rights	03
PAK-122	Pakistan Studies	02	ECO-222	Intermediate Macroeconomics	03
ECO-123	Principles Of Macroeconomics	03	ECO-223	Statistic-II	03
ECO-124	Statistics-I	03	ECO-224	Issues In World Economy	03
Code-125	Diversification-III	03	Code-225	Diversification-VII	03
Code-126	Diversification-IV	03	Code-226	Diversification-VIII	03
	TOTAL	17.00		TOTAL	18.00

CODE	COURSE	C/Hr.
SEMESTER V		
ECO-311	Microeconomics Analysis	03
ECO-312	Monetary Economics	03
ECO-313	Public Finance	03
ECO-314	Mathematical Economics	03
ECO-315	Econometrics	03
	TOTAL	15.00

CODE	COURSE	C/Hr.
SEMESTER VI		
ECO-321	Macroeconomics Analysis	03
ECO-322	International Economics	03
ECO-323	Development Economics	03
ECO-324	Financial Economics	03
ECO-325	Research Methodology	03
	TOTAL	15.00

CODE	COURSE	C/Hr.
SEMESTER VII		
ECO-411	Time Series and Panel Data	03
	Econometrics	
ECO-412	Population Economics	03
ECO-413	Islamic Economics	03
ECO-414	Optional-I	03
ECO-415	Optional-II	03
ECO-416	Optional-III	03
	TOTAL	18.00

CODE	COURSE	C/Hr.
SEMESTER VIII		
ECO-421	General Equilibrium & Welfare Economics	03
ECO-422	Economic Growth	03
ECO-423	Issues In Pakistan Economy	03
ECO-424	Optional-I	03
ECO-425	Optional-II	03
ECO-426	Optional-III	03
	TOTAL	18.00

OPTIONAL COURSE

S.No.	CODE	COURSE	C/Hr.
01	ECO-	Game Theory	03
02	ECO-	Industrial Organization	03
03	ECO-	Behaviourial Economics	03
04	ECO-	Experimental Economic	03
05	ECO-	Monetary Policy	03
06	ECO-	Fiscal Policy	03
07	ECO-	Cost-Benefit Analysis	03
08	ECO-	Economics of Regulations and Competitive Economy	03
09	ECO-	Trade and Development	03
10	ECO-	International Finance	03
11	ECO-	Development Policy	03
12	ECO-	Poverty and Income Distribution	03
13	ECO-	Political Economy	03
14	ECO-	History of Economic Thought	03
15	ECO-	World Economic History	03
16	ECO-	Economics of Happiness and Well-being	03
17	ECO-	Economics of Education	03
18	ECO-	Urban Economics	03
19	ECO-	Transport Economics	03
20	ECO-	Institutional Economics	03
21	ECO-	Real Estate Economics	03
22	ECO-	Economics of Terrorism, War and Conflict	03
23	ECO-	Labour Economic	03
24	ECO-	Natural Resource Economics	03
25	ECO-	Environmental Economics	03
26	ECO-	Energy Economics	03
27	ECO-	Economics of Climate Change	03
28	ECO-	Islamic Banking: Theory and Practice	03
29	ECO-	Islamic Finance	03
30	ECO-	Divine Economics	03
31	ECO-	Comparative Economic System	03
32	ECO-	Economy, Ethics and Universals Values	03
33	ECO-	Managerial Economics	03
34	ECO-	Agricultural Economics	03

GENERAL/DIVERSIFICATION COURSE

S.No.	CODE	COURSE	C/Hr.
01	IR-	Introduction to International Relations	03
02	SOC-	Introduction to Sociology-I (S-I)	03
03	POL-	Introduction to Political Science	03
04	COM-	Principles of Accounting	03
05	COM-	Introduction to Commerce and Trade (S-I)	03
06	GEO-	Fundamentals of Geography	03
07	LAW-	Introduction to Law	03
08	MCM-	Introduction to Mass Communication	03
09	PSY-	Introduction to Psychology-I	03
10	MGT-	Principles of Management	03
11	EDU-	Introduction to Education	03
12	POL-	International Organizations	03
13	PSY-	Introduction to Psychology-II	03
14	SOC-	Industrial Sociology	03
15	SOC-	Introduction to Sociology-II	03

Mr. Hafiz M. Akhtar
Associate Professor

Mr. Sada Hussain
Assistant Professor

Mr. Sajjad Hussain
Assistant Professor

Mr. Umer Shehraz
Assistant Professor

Mr. Syed Sibtul Hassan
Assistant Professor

Mr. Shahid Azad
Assistant Professor

Mr. Muhammad Imran
Assistant Professor

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
SEMESTER I			SEMESTER III		
ISL-111	Islamic Studies	02	STA-211	Introduction to Statistics	03
SOC-112	Introduction to Sociology	03	POL-212	Introduction to Political Science-I	03
PSY-113	Introduction to Psychology	03	EN-213	Creative Writing	03
ENG-114	Language in Use	03	ENG-214	Communication Skills	03
ENG-115	Introduction to Literature	03	ENG-215	Introduction to Mythologies	03
ENG-116	Introduction to Linguistics	03	ENG-216	Phonetics and Phonology	03
	TOTAL	17.00		TOTAL	18.00
SEMESTER II			SEMESTER IV		
SCI-121	Introduction to Computers	03	ENG-221	Advanced Academic Reading & Writing	03
ENG-122	Academic Reading and Writing	03	POL-222	Citizen Education (Human Rights)	03
PAK-123	Pakistan Studies	02	ENG-223	Introduction to Philosophy	03
ENG-124	One-Act Plays & Short Stories	03	MCM-224	Introduction to Mass Communication	03
ENG-125	History of English Literature (Renaissance to 20th Century)	03	ENG-225	Classical Criticism	03
ENG-126	Branches of Linguistics	03	ENG-226	Morphology and Syntax	03
	TOTAL	17.00		TOTAL	18.00

F A C U L T Y

Mr. Mumtaz Ali
Lecturer

Mr. Sohail Imran
Lecturer

Mr. Khuram Shahzad
Lecturer

Mr. Muhammad Ikram
Lecturer

Mr. Syed Ali Raza
Lecturer

Mr. Tariq Mehmood
Lecturer

Mr. Mubashar Hassan Arif
Lecturer

CODE	COURSE	C/Hr.
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SEMESTER V

ENG-311	Introduction to Research Methodology	03
ENG-312	Classical Poetry	03
ENG-313	Pakistan Literature in English	03
ENG-314	Sociolinguistics	03
ENG-315	Psycholinguistics	03
ENV-316	Introduction to Environmental Science	03
TOTAL		18.00

SEMESTER VI

ENG-321	Classical Drama	03
ENG-322	Romantic & Victorian Poetry	03
ENG-323	Literary Movements	03
ENG-324	Semantics	03
ENG-325	Pragmatics	03
ENG-326	Translation Studies	03
TOTAL		18.00

CODE	COURSE	C/Hr.
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SEMESTER VII (Literature)

(Students may choose any five courses)

ENG-411	20th Century Literary / Critical Theory	03
ENG-412	American Literature	03
ENG-413	Postcolonial Literature	03
ENG-414	Victorian Novel	03
ENG-415	World Literature-I (Optional) OR Thesis (Optional)	03
TOTAL		15.00

SEMESTER VII (Linguistics)

(Students may choose any five courses)

ENG-411	Discourse Analysis	03
ENG-412	Systemic Functional Linguistics	03
ENG-413	Corpus Studies	03
ENG-414	Stylistics	03
ENG-415	Forensic linguistics (Optional) OR Thesis (Optional)	03
TOTAL		15.00

GRAND TOTAL 136.00

Miss Attia Nazir
Assistant Professor

Dr. Ashfaq Ahmed
Assistant Professor

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
SEMESTER I			SEMESTER III		
ISL-110	Translation of Holy Quran-I	03	ISL-210	Translation of Holy Quran-II	NC
ENG-111	Functional English	02	ENG-211	Business Communication & Technical Report Writing	03
ISL-112	Islamic Studies (Comp)	03	CSI-212	Introduction to Computer	03
ISL-113	Arabic Language-I	03	POL-213	Introduction to Human Rights	03
ISL-114	Introduction to the Topic of Quran	03	ISL-214	Studies of Selected Commentaries of Hadith	03
ECO-115	Introduction to Economics (G-I)	03	MCN-215	Introduction to Mass Communication (G-V)	03
SOC-116	Introduction to Sociology (G-II)	03	IR-216	Intro to International Relations (G-VI)	03
	TOTAL	17.00		TOTAL	18.00
SEMESTER II			SEMESTER IV		
ISL-121	Translation of Holy Quran-I	03	ISL-221	Translation of holy Quran-II	01
ENG-122	Communication Skills	03	SOC-222	Introduction to Anthropology (G-VII)	03
PKS-123	Pakistan Studies	03	MTH-223	Mathematics	03
ISL-124	Introduction to Hadith-I	03	ISL-224	Arabic Language-III	03
ISL-125	Arabic Language-II	03	ISL-225	Usool-ul-Fiqh	03
ECO-126	Economics of Pakistan (G-III)	03	GEO-226	Introduction to Geography (G-VIII)	03
SOC-127	Sociology (G-IV)	03		TOTAL	16.00
	TOTAL	18.00			

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
SEMESTER V			SEMESTER VII		
ISL-310	Translation of Holy Quran-III	NC	ISL-410	Translation of Holy Quran-IV	NC
ISL-311	Uloom-ul-Quran	03	ISL-411	Islamic Economics	03
ISL-312	Arabic Through Quranic Text	03	ISL-412	Seerah of Holy Prophet (PBUH)	03
ISL-313	Muslim Family Law	03	ISL-413	History of Islam	03
ISL-314	Uloom-ul-Hadith	03	ISL-414	Ilm-ul-qaid	03
ISL-315	Textual Study of Quran-I	03	ISL-415	Textual Study of Holy Quran-III	03
	TOTAL	15.00	ISL-416	Study of Islamic Fiqh	03
			TOTAL	18.00	
SEMESTER VI			SEMESTER VIII		
ISL-321	Translation of Holy Quran-III	01	ISL-421	Translation of Holy Quran-IV	01
ISL-322	Textual Study of Hadith-I	03	ISL-422	Textual Study of Fiqh-III	03
ISL-323	Fiqh-ul-Maliyat	03	ISL-423	Textual Study of Quran-IV	03
ISL-324	Textual Study of Holy Quran-II	03	ISL-424	Textual Study of Hadith-III	03
ISL-325	Islam & Science	03	ISL-425	Islamic Law	03
ISL-326	Comparative Study of World Religions	03	ISL-426	Social Thoughts of Islam	03
ISL-327	Dawat-o-Irshad	03	TOTAL	15.00	
	TOTAL	19.00			

F A C U L T Y

Mr. Haider Ali
Assistant Professor

Mr. Farooq Bilal
Assistant Professor

CODE	COURSE	C/Hr.		CODE	COURSE	C/Hr.	
SEMESTER I				SEMESTER III			
		Theory	Lab.			Theory	Lab.
ENG-111	English-I (Functional)	03	00	CS-211	Discrete Structure	03	00
IT-112	Programing Fundamental (CC)	03	01	ISL-212	Islamic Studies	02	00
IT-113	Introduction to Information and Communication Technology	03	00	IT-213	Multimedia System and Design (IT-Sup)	03	00
MTH-114	Calculus & Analytical Geometry	03	00	IT-214	Data Structure (CC)	03	01
PHY-115	Basic Electronics	03	00	IT-215	Web System and Technologies (ITC)	03	00
	TOTAL	15	01	SOC-101	Introduction to Sociology (UE)	03	00
	Semester Total	16.00		TOTAL		17	01
				Semester Total		18.00	
SEMESTER II				SEMESTER IV			
		Theory	Lab.			Theory	Lab.
ENG-121	English-II (Communication & Presentation Skills)	03	00	IT-221	Operating System (CC)	03	00
IT-122	Object Oriented Programming (CC)	03	01	IT-222	Data Communication & Network (ITC)	03	01
IT-123	Information System	03	00	IT-223	Software Engineering (ITS)	03	00
MGT-124	Fundamentals of Accounting (UE)	03	00	MTH-224	Linear Algebra	03	00
IT-125	Digital Logic Design (UE)	03	00	STAT-225	Probability and Statistics	03	00
PAK-126	Pakistan Studies	02	00	IT-226	Human Computer Interaction (ITE)	03	00
	TOTAL	17	01	TOTAL		18	01
	Semester Total	18.00		Semester Total		19.00	

CODE	COURSE	C/Hr.	
SEMESTER V			
		Theory	Lab.
IT-311	Database System (ITC)	03	01
IT-312	Internet Architecture & Protocol (ITS)	03	00
IT-313	Technology Management	03	01
IT-314	Wireless & Mobile Computing (ITE)	03	00
IT-315	Cloud Computing (ITE)	03	00
TOTAL		15	01
Semester Total		16.00	

CODE	COURSE	C/Hr.	
SEMESTER VI			
		Theory	Lab.
IT-321	Visual Programing (ITE)	03	00
IT-322	Network Security (ITS)	03	00
IT-323	Research Methodologies (ITS)	03	00
IT-324	Mobile Application Development (ITE)	03	00
IT-325	Data Warehousing (ITE)	03	00
IT-326	Artificial Intelligence (ITE)	18	00
TOTAL		18.00	
Semester Total		18.00	

CODE	COURSE	C/Hr.	
SEMESTER VII			
		Theory	Lab.
ENG-411	Business and Technical Writing	03	00
IT-412	System and Network Administration	03	00
IT-413	Data Mining (ITE)	03	00
SS-414	Professional Practices	03	00
MCM-415	Introduction to Mass Communication UE	03	00
IT-416	Final Year Project-II	03	00
TOTAL		18.00	00
Semester Total		18.00	

CODE	COURSE	C/Hr.	
SEMESTER VIII			
		Theory	Lab.
IT-421	System Integration and Architecture	03	00
IT-422	Database Administration	03	00
IT-423	IT Project Management (ITS)	03	00
IT-424	Final Year Project-II	03	00
TOTAL		12.00	00
Semester Total		12.00	
GRAND TOTAL		135.00	

Mr. Tariq Mehmood
Assistant Professor

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
SEMESTER I			SEMESTER III		
ENG-111	English-I (C-1)	03	ENG-211	English-III (C-6)	03
PAK-112	Pakistan Studies (C-2)	02	SCI-212	Introduction To Computer Skills (C-7)	03
MTH-113	Introduction To Mathematics (C-3)	03	SOC-213	Introduction to Sociology (G-5)	03
POL-114	Introduction to Political Science (G-1)	03	HIS-214	Introduction to History (G-6)	03
ECO-115	Introduction to Economics (G-2)	03	IR-215	Approaches & Theories of International Relations (F-3)	03
IR-116	Introduction to International Relations (F-1)	03	IR-216	International Relations: 1648-1945 (F-4)	03
ISL-117	Quran Translation	NC	ISL-217	Quran Translation	NC
	TOTAL	17.00		TOTAL	18.00
SEMESTER II			SEMESTER IV		
ENG-121	English-II (C-4)	03	ENG/EDS-221	English-IV / Univ. Option / Everyday Science	03
ISL-122	Islamic Studies (C-5)	02	XXX-222	General - (G-7)	03
STAT-123	Introduction To Statistics (C-6)	03	IR-223	Globalization & International Relations (F-5)	03
MCM-124	Introduction to Mass Communication (G-3)	03	IR-224	International Relations Since 1945 (F-6)	03
GEO-125	Introduction to Geography (G-4)	03	IR-225	GEO Political Structure Of The World (F-7)	03
IR-126	Evolution of State (F-2)	03	IR-226	Public International Law-I (F-8)	03
ISL-127	Quran Translation	01	IR-227	Quran Translation	01
	TOTAL	18.00		TOTAL	19.00

CODE	COURSE	C/Hr.
SEMESTER V		
IR-311	Foreign Policy Analysis (M-I)	03
IR-312	Introduction to International Security (F-9)	03
IR-313	Research Methodology (F-10)	03
IR-314	Regional and International Organizations (F-10)	03
IR-315	Public International Law-II (F-12)	03
IR-316	International Political Economy (M-2)	03
ISL-317	Quran Translation	NC
TOTAL		18.00

SEMESTER VI		
IR-321	Foreign Policy of Pakistan (M-3)	03
IR-322	Strategic Studies (M-4)	03
IR-323	International Politics of Human Rights (M-5)	03
IR-324	Diplomacy (M-6)	03
IR-325	Conflict Management & Resolution (M-7)	03
IR-326	Comparative Politics (M-8)	03
ISL-327	Quran Translation	01
TOTAL		19.00

CODE	COURSE	C/Hr.
SEMESTER VII		
IR-411	Comparative Foreign Policies of US, Russia and China (M-9)	03
IR-412	Nuclear Studies (M-10) OR	03
IR-413	Regional Connectivity & CPEC (M-10)	
IR-414	Elective-I	03
IR-415	Elective-II	03
IR-416	Research Thesis (M-11) OR International Politics of Environment (M-11)	03
ISL-417	Quran Translation	NC
TOTAL		15.00

SEMESTER VIII		
IR-421	Research Thesis OR Research Report OR Govt. & Politics Of Pakistan (M-12)	03
IR-422	Arms Control, Disarmament &	03
IR-423	Nuclear Non-proliferation (M-13)	
IR-424	Dynamics Of Kashmir Conflict (M-14) OR Peace Studies (M-14)	03
IR-425	Elective-III	03
IR-426	Elective-IV	03
ISL-426	Quran Translation	01
TOTAL		16.00
GRAND TOTAL		140.00

Mr. Ghulam Shabbir
Assistant Professor

Mr. M. Masood Ahmed
Assistant Professor

Mr. Nawab Khan
Assistant Professor

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
SEMESTER I			SEMESTER III		
ENG-111	Functional English	03	ENG-211	English-III (Technical Writing & Presentation Skills)	03
ISL-112	Islamic Studies / Ethics	02	PHY-212	Physics-III	03
CSI-113	Introduction to Computers	03	PHY-213	Physics Lab-III	01
MTH-114	Calculus-I	03	STA-214	Introduction to Statistics	03
MTH-115	Discrete Mathematics	03	MTH-215	Calculus-III	03
PHY-116	Physics I	03	MTH-216	Classical Mechanics-II	03
PHY-117	Physics-Lab I	01	GEO-217	Fundamental of Geography	03
	TOTAL	18.00		TOTAL	19.00
SEMESTER II			SEMESTER IV		
PAK-121	Pakistan Studies	02	STA-221	Introduction to Probability Distributions	03
ENG-122	English-II (Communication Skills)	03	PHY-222	Physics IV	03
PHY-123	Physics-II	03	PHY-223	Physics Lab IV	01
PHY-124	Physics Lab-II	01	MTH-224	Ordinary Differential Equations-I	03
MTH-125	Calculus-II (Plane Curves & Analytic Geometry)	03	MTH-225	Linear Algebra	03
MTH-126	Classical Mechanics-I	03	MTH-226	Number Theory	03
CSI-127	Computer Tools for Mathematics	03	GEO-227	Introduction to Physical Geography	03
	TOTAL	18.00		TOTAL	19.00

Mr. Imran Ashraf
Lecturer

Mr. Munir Ahmed
Lecturer

CODE	COURSE	C/Hr.
SEMESTER V		
MTH-311	Real Analysis I	03
MTH-312	Algebra I (Group Theory)	03
MTH-313	Complex Analysis-I	03
MTH-314	Vector and Tensor Analysis	03
MTH-315	Topology	03
MTH-316	Differential Geometry	03
TOTAL		18.00

SEMESTER VI		
MTH-321	Real Analysis-II	03
MTH-322	Algebra-II (Rings and Vector Spaces)	03
MTH-323	Complex Analysis-II	03
MTH-324	Mechanics	03
MTH-325	Functional Analysis-I	03
MTH-326	Ordinary Differential Equations-II	03
TOTAL		18.00

SEMESTER VII		
MTH-411	Modeling & Simulations	03
MTH-412	Practical Differential Equations	03
MTH-413	Numerical Analysis-I	03
MTH-414	Elective-I	03
MTH-415	Elective-II	03
TOTAL		15.00

CODE	COURSE	C/Hr.
SEMESTER VII (Elective)		
MTH-4xx	Mathematical Statistics-I	03
MTH-4xx	Advanced Group Theory-I	03
MTH-4xx	Ring Theory	03
MTH-4xx	Number Theory-I	03
MTH-4xx	Quantum Mechanics-I	03
MTH-4xx	Analytical Dynamics	03
MTH-4xx	Electromagnetic Theory-I	03
MTH-4xx	Operational Research-I	03
MTH-4xx	Functional Analysis-II	03
MTH-4xx	Fluid Mechanics-I	03
TOTAL		30.00

SEMESTER VIII		
MTH-421	Measure Theory & Lebesgue Integration	03
MTH-422	Methods of Mathematical Physics	03
MTH-423	Numerical Analysis-II	03
MTH-424	Elective-I	03
MTH-425	Elective-II	03
TOTAL		15.00

SEMESTER VIII (Elective)		
MTH-4xx	Mathematical Statistics-II	03
MTH-4xx	Computer Applications	03
MTH-4xx	Advanced Group Theory-II	03
MTH-4xx	Theory of Modules	03
MTH-4xx	Number Theory-II	03
MTH-4xx	Quantum Mechanics-II	03
MTH-4xx	Special Theory of Relativity	03
MTH-4xx	Electromagnetic Theory-II	03
MTH-4xx	Operations Research-II	03
MTH-4xx	Integral Equations	03
MTH-4xx	Functional Analysis-III	03
MTH-4xx	Fluid Mechanics-II	03
TOTAL		36.00

Mr. M. Qasim Awan
Associate Professor

Mr. Saleem Ramzan
Associate Professor

Dr. Fazal Abbas
Assistant Professor

Mr. M. Bani Amin
Assistant Professor

Mr. Aamir Saeed
Assistant Professor

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
SEMESTER I			SEMESTER III		
ENG-111	English-I (Functional English)	03	ENG-211	English-III (Technical Writing & Presentation Skills)	03
MTH-112	Mathematics for Physics	03	MTH-212	Linear Algebra	03
SCI-113	Introduction to Computer	03	PHY-213	Waves & Oscillations	03
PHY-114	Mechanics	04	PHY-214	Modern Physics	03
POL-115	Introduction to Political Science	03	CHM-215	Physical Chemistry	03
ISL-116	Islamic Studies	02	PHY-216	Heat, Waves & Sound Lab-III	01
PHY-117	Mechanics and Fluids Lab-I	01			
	TOTAL	19.00		TOTAL	16.00
SEMESTER II			SEMESTER IV		
ENG-121	English-II (Communication Skills)	03	MTH-221	Differential Equations	03
MTH-122	Series and Integral Calculus	03	STA-222	Probability & Statistics	03
PHY-123	Electricity & Magnetism	04	PHY-223	Optics	03
PHY-124	Heat and Thermodynamics	03	CHM-224	Inorganic Chemistry	03
SOC-125	Introduction to Sociology	03	CSI-225	Fundamentals of Information Systems	03
PAK-126	Pakistan Studies	02	PHY-226	Optics Lab-IV	01
PHY-127	Electricity & Magnetism Lab-II	01			
	TOTAL	19.00		TOTAL	16.00

F A C U L T Y

Mr. Munib Ahsan
Assistant Professor

Mr. Humayun Bashir
Lecturer

Mr. M. Habib-ur-Rehman
Lecturer

Mr. Adnan Idress
Lecturer

Mr. Ahsan Haseeb
Lecturer

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
SEMESTER V			SEMESTER VII		
PHY-311	Mathematics Method of Physics-I	03	PHY-411	Statistical Physics	03
PHY-312	Electromagnetic Theory-I	03	PHY-412	Solid State Physics-II	03
PHY-313	Classical Mechanics	03	PHY-413	Nuclear Physics	03
PHY-314	Electronics-I	03	PHY-414	Miscellaneous Advanced	03
PHY-315	Quantum Mechanics-I	03		Experiments in Modern Physics,	
PHY-316	Electronics Lab-V	03		Atomic Physics, Solid State Physics	
	TOTAL	18.00		& Electronics Lab-Vii	
<hr/>			PHY-415	Elective-I OR Research Thesis	03
SEMESTER VI			PHY-416	Elective-II (PHY-500) 3+3	03
PHY-321	Mathematical Methods of Physics-II	03		TOTAL	18.00
PHY-322	Electromagnetic Theory-II	03	<hr/>		
PHY-323	Electronics-II	03	SEMESTER VIII		
PHY-324	Quantum Mechanics-II	03	PHYS421	Atomic & Molecular Physics	03
PHY-325	Solid State Physics-I	03	PHY-422	Elective-III	03
PHY-326	Modern Physics, Advanced Optics,	03	PHY-423	Elective-IV	03
	Atomic Physics & Spectroscopy Lab-VI		PHY-424	Elective-V	03
	TOTAL	18.00		TOTAL	12.00
<hr/>				GRAND TOTAL	00.00

CODE	COURSE	C/Hr.
PHY-4XX	Plasma Physics	03
PHY-4XX	Methods of Experimental Physics	03
PHY-4XX	Environmental Physics	03
PHY-4XX	Introduction to Quantum Computing	03
PHY-4XX	Quantum Information Theory	03
PHY-4XX	Quantum Field Theory	03
PHY-4XX	Fluid Dynamics	03
PHY-4XX	Introduction to Materials Science	03
PHY-4XX	Relativity and Cosmology	03
PHY-4XX	Particle Physics-I	03
PHY-4XX	Particle Physics-II	03
PHY-4XX	Computational Physics	03
PHY-4XX	Digital Electronics	03
PHY-4XX	Digital Electronics Lab	03
PHY-4XX	Lasers	03
PHY-4XX	Laser Engineering	03
PHY-4XX	Experimental Techniques in Particle & Nuclear Physics	03
PHY-4XX	Electronic Materials & Devices	03
PHY-4XX	Introduction to Photonics	03
PHY-4XX	Introduction to Nano Science & Nano-technologies	03
PHY-4XX	Computer Simulations in Physics	03
PHY-4XX	Surface Science	03
PHY-4XX	Advance Solid State Physics	03
PHY-4XX	Advance Nuclear Physics	03
PHY-4XX	Relativistic Quantum Mechanics	03
PHY-500	Research Thesis	03+03

Mr. M. Masood
Assistant Profesor

Dr. Adnan Adil
Lecturer

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
SEMESTER I			SEMESTER III		
ENG-111	Functional English	03	ENG-211	Business Communication & Technical Report Writing	03
PAK-112	Pakistan Studies	02	ISL-212	Islamic Studies	02
SOC-113	Society and Culture	03	MCM-213	Introduction to Mass Communication	03
SOC-114	Introduction to Sociology-I	03	SOC-214	Industrial Sociology	03
ECO-115	Introduction to Economics	03	SOC-215	Community Development	03
POL-116	Introduction to Political Science	03	LAW-216	Introduction to Law	03
TOTAL		17.00	TOTAL		17.00
SEMESTER II			SEMESTER IV		
ENG-121	Communication Skills	03	SOC-221	Social Statistics	03
CS-122	Introduction to Computer	03	SOC-222	Sociology of Media	03
IR-123	Introduction to International Relations	03	MGT-223	Organizational Behavior and HRD	03
SOC-124	Social Work	03	SOC-224	Gender Studies	03
SOC-125	Social Anthropology	03	SOC-225	Introduction of Social Research	03
SOC-126	Introduction to Sociology-II	03	SOC-226	Social Psychology	03
TOTAL		18.00	TOTAL		18.00

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
SEMESTER V			SEMESTER VII		
SOC-311	Criminology	03	SOC-411	Urban Sociology	03
SOC-312	Quantitative Research Methodology	03	SOC-412	Political Sociology	03
SOC-313	Sociology of Development	03	SOC-413	Sociology of Education	03
SOC-314	Classical Sociological Theories	03	SOC-414	Sociology of Human Rights	03
SOC-315	Sociology of Religion	03	SOC-415	Sociology of Aging	03
SOC-316	Project Planing and Management	03	SOC-416	NGO Management	03
	TOTAL	18.00		TOTAL	15.00
SEMESTER VI			SEMESTER VIII		
SOC-321	Qualitative Research Methodology	03	SOC-421	Sociology of Social Change and Development	03
SOC-322	Contemporary Sociological Theories	03	SOC-422	Conflict Resolution	03
SOC-323	Populations Studies	03	SOC-423	Sociology of Globalization	03
SOC-324	Rural Sociology	03	SOC-424	Sociology of Family and Marriages	03
SOC-325	Sociology of Health	03	SOC-425	Project OR Internship (Practical)	03
	TOTAL	15.00		TOTAL	15.00
				GRAND TOTAL	136.00

Dr. Arshad Mehmood

Assistant Professor

Mr. Sajid Iqbal

Lecturer

Mr. Amjad Adil

Lecturer

Mr. Abdul Rauf

Lecturer

Mr. Azmat Shahzad

Lecturer

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
SEMESTER I			SEMESTER III		
ENG-111	Functional English	03	ARB-211	Arbi Zuban-o-Qawaid	03
CSI-112	Computer Fundamentals-I	03	CSI-212	Computer Fundamentals-II	03
SOC-113	Introduction to Sociology (G-I)	03	CODE-213	General Course (G-VI)	03
HIS-114	Muslim Tehzeeb-o-Saqafat ka Irtaqa (G-2)	03	CODE-214	General Course (G-VII)	03
URD-115	Urdu Zuban (Qawaid-o-Imla-I)	03	URD-215	Adbi Ansaf-o-Istalahat	03
URD-116	Aalmi Classic	03	URD-216	Insha Pardazi (Mazmoon Nawesi)	03
TOTAL		18.00	TOTAL		18.00
SEMESTER II			SEMESTER IV		
ENG-121	Communication Skills	03	ENG-221	Business Report Writing	03
ISL-122	Islamic Studies	02	PAK-222	Pak Studies	02
PUN-123	Punjabi Zuba-o-Adab (G-III)	03	PER-223	Farsi Qawaid-o-Adbiat	03
ENG-124	Angrezi Adab ki Tareekh (IV)	03	CODE-224	General Course (G-VIII)	03
ECO-125	Introduction to Economics (G-V)	03	URD-225	Urdu Zuban (Aghaz-o-Irtaqa)	03
URD-126	Urdu Zuban (Qawaid-o-Imla-II)	03	URD-226	Bayan-o-Badee aur Uroz	03
TOTAL		17.00	TOTAL		17.00

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
SEMESTER V			SEMESTER VII		
MCM-311	Zarae Iblagh aur Un Ka Samaji aur Lasani Kirdar (G-IX)	03	URD-411	Jadeed Urdu Ghazal (1857) Iqbal ki Shairi Ki Fikari Wa	03
URD-312	Tareekh-e-Adab Urdu-I (1857)	03	URD-412	Fanny Mabahas	03
URD-313	Urdu Nasar ka Aghaz-o-Irtaqa	03	URD-413	Asool-e-Tarjuma	03
URD-314	Classiki Shairi Rawayat	03	URD-415	Umoomi Lasaniat (Aik Taaruf)	03
URD-315	Urdu Novel: Funny Wa Fikri Mabahas	03	URD-416	Usool-e-Tehqeeq o Tadween	03
URD-316	Mashraqi Shariyat	03			15.00
	TOTAL	18.00		TOTAL	
SEMESTER VI			SEMESTER VIII		
URD-321	Tareekh-e-Adab Urdu-II (1857)	03	URD-421	Urdu Adab Ma Baad Nau Abadiyati Mutailia	03
URD-322	Ghair Afsanwi Nasar	03	URD-422	Tadrees-e-Zuban o Adab	03
URD-323	Jadeed Urdu Nazm	03	URD-423	Elective-I	03
URD-324	Urdu Afsana: Fanny wa Fikri Mabahas	03	URD-424	Elective-II	03
URD-325	Maghrabi Shariat	03	URD-425	Elective-III	03
CODE-326	General Course (G-X)	03		TOTAL	15.00
	TOTAL	18.00			

Mr. Naeem Abbas
Lecturer

Mr. Umer Shan
Lecturer

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
SEMESTER I			SEMESTER III		
ENG-111	Functional English	03	ENG-211	Technical Writing & Presentation Skills	03
PAK-112	Pakistan Studies	02	BOT-213	Cell Biology, Genetics and Evolution	03
ZOL-113	Principles of Animal Life-I	03	CHM-214	Physical Chemistry	03
BOT-114	Principles of Plants & Related Life	03	ZOL-215	Animal Diversity-I	03
CHM-115	Inorganic Chemistry	03	ZOL-216	Animal Forum & Function-I	03
ZOL-116	Principles of Animal Life-I	01	ZOL-215	Animal Diversity-I (Lab)	01
CS-117	Introduction to Computer Application	03	ZOL-216	Animal Form & Function-I (Lab)	01
	TOTAL	18.00		TOTAL	17.00
SEMESTER II			SEMESTER IV		
ENG-121	Communication Skills	03	BOT-221	Plant Physiology & Ecology	03
ISL-122	Islamic Studies	02	ZOL-222	Animal Diversity-I	03
ZOL-123	Principles of Animal Life-II	03	ZOL-223	Animal Form & Function-I	03
BOT-124	Systematic, Anatomy and Development	03	ZOL-224	Animal Diversity-I (Lab)	01
CHM-115	Organic Chemistry	03	ZOL-225	Animal Farm & Function (Lab)	01
ZOL-126	Principles of Animal Life-II	01	MTH-226	Mathematics	03
	TOTAL	15.00	BST-227	Introduction to Biostatistics	02
			BST-228	Introduction to Biostatistics (Lab)	01
			TOTAL	TOTAL	17.00

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
SEMESTER V			SEMESTER VII		
ZOL-311	Cell and Molecular Biology	03	ZOL-411	Evolution and Principles of Systematics	03
ZOL-312	Cell and Molecular Biology (Lab)	01	ZOL-412	Evolution and Principles of Systematics (Lab)	01
ZOL-313	Biochemistry	02	ZOL-413	Fisheries	02
ZOL-314	Biochemistry (Lab)	01	ZOL-414	Fisheries (Lab)	01
ZOL-315	Animal Physiology	03	ZOL-415	Research Methodology	01
ZOL-316	Animal Physiology (Lab)	01	ZOL-416	Principles of Paleontology	03
ZOL-317	Animal Behaviour	02	ZOL-417	Aquatic Toxicology	02
ZOL-318	General and Molecular Genetics	03	ZOL-418	Aquatic Toxicology (Lab)	01
ZOL-319	General and Molecular Genetics (Lab)	01	ZOL-419	Optional/Thesis	3(2-1)
TOTAL		17.00	TOTAL		17.00
SEMESTER VI			SEMESTER VIII		
ZOL-321	Developmental Biology	03	ZOL-421	Bioinformatics	02
ZOL-322	Developmental Biology (Lab)	01	ZOL-422	Bioinformatics (Lab)	01
ZOL-323	Ecology	03	ZOL-423	Wildlife of Pakistan	02
ZOL-324	Principles of Zoogeography	02	ZOL-424	Wildlife of Pakistan (Lab)	01
ZOL-325	Principles of Zoogeography (Lab)	01	ZOL-425	Bioremediation and Bio-processing	02
ZOL-326	Biochemistry – I	02	ZOL-426	Bioremediation and Bio-processing (Lab)	01
ZOL-327	Biochemistry – II (Lab)	01	ZOL-4277	Biodiversity	02
ZOL-328	Physiology of Coordination and Animal Behavior	03	ZOL-428	Biodiversity (Lab)	01
ZOL-329	Physiology of Coordination and Animal Behavior (Lab)	01	ZOL-429	Optional/Thesis	3(2-1)
TOTAL		17.00	TOTAL		15.00

UoC does not offer BS in GEOGRAPHY.
However, this subject is taught as minor course
in different under-graduate programmes.

Mr. Anjum Farooq
Associate Professor

Mr. Shakeel-ur-Rehman
Assistant Professor

Mr. Ashfaq Ahmed Khan
Assistant Professor

UoC does not offer BS in HISTORY.
However, this subject is taught as minor course
in different under-graduate programmes.

Department of

STATISTICS

F A C U L T Y

Mr. Kosar Abbas

Assistant Professor

Mr. Ashar Shahzad

Assistant Professor

UoC does not offer BS in STATISTICS.
However, this subject is taught as minor course
in different under-graduate programmes.

2021-22



FACULTY OF MANAGEMENT SCIENCES & IT

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
SEMESTER I			SEMESTER III		
ENG-111	Eng. Grammar & Business Communication (English)	03	SOC-211	Introduction to Sociology	03
ISL-112	Oslamic Studies / Ethics	02	MAT-212	Business Mathematics	03
CS-113	Infromation to Computer	03	FIN-213	Business Finance	03
MGT-114	Introdustion to Managment	03	MKT-214	Principles of Marketing	03
ECO-115	Mocro Economics	03	BBA-215	Organizational Behavior	03
ACC-116	Principles of Accounting	03	ISL-216	Holy Quran translation	01
	TOTAL	17.00		TOTAL	16.00
SEMESTER II			SEMESTER IV		
ENG-121	Communication Skills (Englis-II)	03	HRM-221	Human Resource Management	03
PAK-122	Pakistan Studies	02	BBA-222	Financial Manegement	03
STA-123	Busines Statistics	03	BBA-223	Enterpreneurship	03
MGT-124	Principles of Managment	03	ENY-224	Enviromental Science	03
ECO-125	Macro Economic	03	API-225	Analysis of Pakistan Industries	03
BBA-126	Fiinancial Accounting -II	03	ISL-226	Holy Quran translation	01
ISL-127	Hily Quran Translation	01		TOTAL	16.00
	TOTAL	18.00			

CODE	COURSE	C/Hr.
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SEMESTER V

BBA-311	Management Information System	03
INT-312	International Trade	03
BSL-313	Business Law	03
BRM-314	Business Research Methods	03
BBA-315	Money and Banking	03
ISL216	Holy Quran Translation	01
TOTAL		16.00

SEMESTER VI

BBA-321	Production Operation Management	03
MKT-322	Marketing Issues Pakistan	02
BBA-323	Cost Accounting	03
ECOM-324	Introduction to E-Commerce	03
	Business Electives-I	03
TOTAL		16.00

CODE	COURSE	C/Hr.
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SEMESTER VII

MP-411	Managerial Policy	03
MGT412	Conflict Management	03
	Business Elective-II	03
	Business Elective-III	03
	Business Elective-IV	03
TOTAL		15.00

SEMESTER VIII

ELP-421	Experiential Learning Project (ELP)	06
	Business Elective-V	03
	Business Elective-VI	03
	Business Elective-VII	03
		15.00

Mr. Hasnat Ahmed
Lecturer

Ms. Asima Ismail
Lecturer

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
SEMESTER I			SEMESTER III		
CS-111	Introduction to Information & Communication Technologies	2+1	CS-211	Data Structure and Algorithms	3+1
CS-112	Programming Fundamentals	3+1	CS-212	Digital Logic Design	3+1
MT-113	Calculus and Analytical Geometry	3+0	CS-213	Theory of Programming Languages	3+0
EG-114	Communication and Presentation Skills	3+0	UE-214	University Elective-I	3+0
EL-115	Basic Electronics	2+1	MT-215	Liner Algebra and Deferential Equations	3+0
	Semester Total	16.00	PAK-216	Pakistan Studies	2+0
			Semester Total	19.00	
SEMESTER II			SEMESTER IV		
CS-121	Object Oriented Programming	3+1	CS-221	Design and Analysis of Alogrithms	3+0
CS-122	Discrete Structure	3+0	CS-222	Theory of Automata & Formal Languages	3+0
EH-123	Technical & Business Writing	3+0	CS-223	Computer Architecture	3+1
MT-124	Probability & Statistics	3+0	UE-224	University Elective-II	3+0
ISL-125	Islamic Studies / Ethics	2+0	CS-225	Database Systems	3+1
	Semester Total	15.00	MT-226	Numerical Computing	3+0
			Semester Total	20.00	

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
SEMESTER V			SEMESTER VII		
CS-311	Compiler Constructions	3+0	CS-411	Final Year Project - I	0+3
CS-312	Software Engineering	3+0	CS-412	CS Elective - V	3+0
CS-313	CS Elective-I	3+0	CS-413	Parallel and Distributing Computing	3+0
CS-314	CS Elective-II	3+0	CS-414	Big Data Analytics	3+0
CS-315	Operation Systems	3+1	CS-415	CS Elective - VI	3+0
	Semester Total	16.00	CS-416	Data Warehousing	3+0
			Semester Total		18.00

SEMESTER VI

CS-321	CS Elective-III	3+0
CS-322	Artificial Intelligence	3+1
UE-323	University Elective-III	3+0
CS-324	Computer Communication and Networks	3+1
CS-325	CS Elective-IV	3+0
CS-326	Smart Application Development	3+0
	Semester Total	20.00

SEMESTER VIII

CS-421	Final Year Project - II	0+3
CS-422	Advance Topics in Computer Science	3+0
CS-423	Information Security	3+0
CS-424	University Elective - IV	3+0
	Semester Total	12.00

Computer Science Elective Courses

S.NO.	COURSE	C/Hr.
01	Operating Research	3 (3,0)
02	Simulation and Modeling	3 (3,0)
03	Computer Graphics	3 (2,1)
04	Digital Image Processing	3 (2,1)
05	Digital Signal Processing	3 (2,1)
06	Compuer Vision	3 (2,1)
07	Software Engineering	3 (3,0)
08	Advance Software Engineering	3 (3,0)
09	Principles of Programming Languages	3 (2,1)
10	Data Communication	3 (3,0)
11	Distributed Computing	3 (2,3)
12	Data and Network Society	3 (3,0)
13	Wireless Networks	3 (2,3)
14	Telecommunications Systems	3 (2,1)
15	Microprocessor Interfacing	3 (2,1)
16	Web Engineering	3 (2,1)
17	System Progammng	3 (2,1)
18	Distributed Database Systems	3 (2,1)
19	Data Warehousing	3 (2,1)
20	numerical Computing	3 (3,0)
21	Expert Systems	3 (3,0)
22	Artificial Neural Network	3 (3,0)
23	Fuzzy Logic	3 (3,0)
24	Software Quality Assurance	3 (3,0)
25	Advance Object Oriented Programing (JAVA)	4 (3,1)
26	Network Analysis and Design	3 (3,0)
27	Network Management	3 (3,0)
28	Game Programming	3 (3,0)
29	Object Oriented Software Engineering	3 (3,0)
30	Network Programming	3 (3,0)

S.NO.	COURSE	C/Hr.
31	Cloud Computing	3 (3,0)
32	Visual Programming	3 (3,0)
33	Cryptography	3 (3,0)
34	Computer Law	3 (3,0)
35	Computer Animation	3 (3,0)
36	Modern Programming Language	3 (3,0)
37	Information Security	3 (3,0)
38	Data and Network Security	3 (3,0)
39	Adv. Topics in Computer Science	3 (3,0)

University Elective Course

S.NO.	CODE	COURSE	C/Hr.
01	MG	Financial Accounting	3 (3,0)
02	MG	Financial Management	3 (3,0)
03	MG	Human Resource Management	3 (3,0)
04	MG	Marketing	3 (3,0)
05	SS	Economics	3 (3,0)
06	PS	Psychology	3 (3,0)
07	QA	Quality Improvement Tools & Methods	3 (3,0)
08	QA	Quality Control & Engineering Standards	3 (3,0)
09	MG	Introduction to Management	3 (3,0)
10	EC	E-Commerce	3 (3,0)
11	SS	International Relations	3 (3,0)
12	QA	Quality Assurance and Management System	3 (3,0)
13	SS	Social Service	3 (3,0)
14	EPP	Enterprenurship	3 (3,0)
15	SS	Philosophy	3 (3,0)
16	SS	Social Media Marketing	3 (3,0)
17	SS	Foreign/Regional Language (French, German, Sindi, Punjabi Urdu etc)	3 (3,0)

2021-22



FACULTY OF MEDICINE & ALLIED HEALTH SCIENCES

Department of

HUMAN NUTRITION & DIETETICS

F A C U L T Y

BS HN&D (4-YEARS/8 SEMESTERS)

CODE	COURSE	C/Hr.
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SEMESTER I

HND-111	Fundamental of Human Nutrition	3 (3-0)
FST-112	Essentials of Food Science & Technology	3 (2-1)
BIO/	Mathematics OR	3 (3-0)
MTH-113	Essential Biology	3 (2-1)
ENG-114	English-I	3 (3-0)
BIOCHEM115	Introductory Biochemistry	3 (2-1)
PAK-116	Pakistan Studies	2 (2-0)
TOTAL		17.00 (15-2)

SEMESTER II

HND-121	Macro-nutrients in Human Nutrition	3 (3-0)
ENG-122	English-II	3 (3-0)
SSH-123	Islamic Studies/Ethics	2 (2-0)
ANATOMY124	Human Anatomy	3 (2-1)
PHYSIO-125	Human Physiology-I	3 (2-1)
SOC-126	Fundamentals of Sociology	3 (3-0)
TOTAL		17.00 (14-3)

CODE	COURSE	C/Hr.
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SEMESTER III

HND-211	Micro-nutrients in Human Nutrition	3 (3-0)
ENG-122	Human Physiology-II	3 (2-1)
SSH-123	English-III	3 (3-0)
ANATOMY124	Introuctory Molecular Genetics	3 (2-1)
PHYSIO-125	Food Microbiology	3 (2-1)
SOC-126	Food Safety & Quality Management	2 (2-0)
TOTAL		17.00 (14-3)

SEMESTER IV

STAT-221	Bio-Statistics	3 (2-1)
CS-222	Computer Science & Information Technology	3 (2-1)
HND-223	Assessment of Nutritional Status	3 (2-1)
HND-224	Nutrition Through the Life Cycle	3 (3-0)
PATH-225	General Pathology	3 (2-1)
FST-226	Food Analysis	3 (1-2)
TOTAL		18.00 (12-6)

CODE	COURSE	C/Hr.
SEMESTER V		
HND-311	Dietetics - I	3 (2-1)
HND-312	Nutrition and Psychology	3 (3-0)
HND-313	Nutritional Education and Awareness	3 (2-1)
HND-314	Meal Planning and Management	3 (2-1)
HND-315	Public Health Nutrition	3 (2-1)
HND-316	Food and Drugs Law	2 (2-0)
	TOTAL	17.00 (13-4)

SEMESTER VI		
HND-321	Dietetics - II	3 (2-1)
HND-322	Functional Foods and Nutraceuticals	3 (3-0)
HND-323	Nutrition Through Social Protection	2 (2-0)
HND-324	Sports Nutrition	3 (2-1)
HND-325	Infant and Young Child Feeding	3 (2-1)
BIOCHEM326	Clinical Biochemistry	3 (2-1)
	TOTAL	17.00 (13-4)

CODE	COURSE	C/Hr.
SEMESTER VII		
HND-411	Dietetics - III	3 (2-1)
HND-12	Global Food Issues	3 (3-0)
HND-413	Research Methods in Nutrition	3 (3-0)
HND-414	Nutritional Practice in Clinical Care	3 (2-1)
		12.00 (10-2)
Elective Course (2 Courses equal to 5 Credit Hours)		
Elective	Nutritional Immunology	3 (3-0)
Elective	Drugs-Nutrient Interactions	2 (2-0)
Elective	Food Chemistry	2 (2-0)
Elective	Preventive Nutrition	3 (3-0)
Elective	Nutrition in Emergencies	3 (3-0)
		5.00 (5-0)

SEMESTER VIII		
HND-421	Internship/Project	6 (0-6)
HND-422	Nutrition Policies and Programs	3 (3-0)
HND-423	Food Service Management	3 (3-0)
		12.00 (6-6)
Elective Course (2 Courses equal to 5 Credit Hours)		
Elective	Food Toxins & Allergens	3 (3-0)
Elective	Nutritional Deficiency Disorders	3 (3-0)
Elective	Food Supplements	2 (2-0)
Elective	Metabolism of Nutrients	2 (2-0)
Elective	Nutrition Epidemiology	2 (2-0)
		5.00 (5-0) 5.00 (4-1)

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
SEMESTER I			SEMESTER III		
DPT-111	Anatomy-I	4 (3-1)	DPT-211	English-III	3 (3-0)
DPT-112	Physiology-I	3 (2-1)		(Technical Writing & Presentation Skills)	
DPT-113	Kinesiology-I	3 (2-1)	DPT-212	Medical Physics	3 (2-1)
DPT-114	English (Functional English)	3 (3-0)	DPT-213	Anatomy-III	3 (2-1)
DPT-115	Pakistan Studies	2 (2-0)	DPT-214	Physiology-III	3 (2-1)
DPT-116	Introduction to Computer	3 (2-1)	DPT-215	Biomechanics & Ergonomics-I	3 (3-0)
	TOTAL	18.00	DPT-216	Biochemistry	2 (2-0)
				TOTAL	17.00
SEMESTER II			SEMESTER IV		
DPT-121	Anatomy-II	4 (3-1)	DPT-221	Anatomy-IV (Neuro Anatomy)	3 (2-1)
DPT-122	Physiology-II	3 (2-1)	DPT-222	Biomechanics & Ergonomics-II	3 (2-1)
DPT-123	Kinesiology-II	3 (2-1)	DPT-223	Health & Wellness	2 (2-0)
DPT-124	English (Communication Skills)	3 (3-0)	DPT-224	Biochemistry-II	3 (2-1)
DPT-125	Islamic Studies / Ethics	2 (2-0)	DPT-225	Exercise Physiology	3 (2-1)
DPT-126	Sociology	2 (2-0)	DPT-226	Molecular Biology & Genetics	2 (2-0)
	TOTAL	17.00		TOTAL	16.00
SEMESTER V			SEMESTER VI		
DPT-311	Pathology & Microbiology-I	2 (2-0)	DPT-325	Biostatistics-I	3 (3-0)
DPT-322	Pharmacology & Therapeutics-I	2 (2-0)	DPT-326	Behavioural Sciences	2 (2-0)
DPT-323	Physical Agents & Electrotherapy-I	3 (2-1)		(Psychology & Ethics)	
DPT-324	Therapeutic Exercises & Techniqu	3 (2-1)	DPT-327	Supervised Clinical Practice-I	3 (3-0)
				TOTAL	18.00

Department of
**DOCTOR OF
 PHYSICAL THERAPY**

BS P.THERAPY (4-YEARS/8 SEMESTERS)

F A C U L T Y

CODE	COURSE	C/Hr.
SEMESTER VI		
DPT-411	Pathology & Microbiology-II	3 (2-1)
DPT-412	Pharmacology & Therapeutics-II	2 (2-0)
DPT-413	Physical Agents & Electrotherapy-II	3 (2-1)
DPT-414	Biostatistics-II (University Optional)	3 (3-0)
DPT-415	Community Medicine & Rehabilitation	3 (0-3)
DPT-416	Supervised Clinical Practice-II	17.00
TOTAL		

SEMESTER VII		
DPT-422	Medicine-I	3 (3-0)
DPT-423	Surgery-I	3 (3-0)
DPT-424	Radiology & Diagnostics Imaging	3 (2-1)
DPT-425	Musculoskeletal Physical Therapy	3 (2-1)
DPT-426	Evidence Based Practice	3 (2-1)
DPT-427	Supervised Clinical Practice-III	3 (3-0)
TOTAL		18.00

SEMESTER X		
DPT-611	Obstetrics & Gynecological Physical Therapy	2 (2-0)
DPT-612	Pediatric Physical Therapy	2 (2-0)
DPT-613	Gerontology & Geriatric Physical Therapy	2 (2-0)
DPT-614	Sports Physical Therapy	2 (2-0)

CODE	COURSE	C/Hr.
SEMESTER VIII		
DPT-511	Medicine-II	3 (3-0)
DPT-512	Surgery-II	3 (3-0)
DPT-513	Neurological Physical Therapy	3 (2-1)
DPT-514	Scientific Inquiry & Research Methodology	3 (2-1)
DPT-515	Emergency Procedures & Primary Care in Physical Therapy	3 (2-1)
DPT-516	Supervised Clinical Practice-IV	3 (0-3)
TOTAL		18.00

SEMESTER IX		
DPT-521	Cardiopulmonary Physical Therapy	3 (2-1)
DPT-522	Prosthetics & Orthotics	2 (2-0)
DPT-523	Clinical Decision Making & Differential Diagnosis	3 (3-0)
DPT-524	Manual Therapy	3 (2-1)
DPT-525	Professional Practice (Laws, Ethics & Administration)	2 (2-0)
DPT-526	Integumentary Physical Therapy	2 (2-0)
DPT-527	Supervised Clinical Practice-V	3 (0-3)
TOTAL		18.00

DPT-615	Supervised Clinical Practice -VI	2 (2-0)
DPT-616	Research Project	4 (0-4)
TOTAL		18.00

2021-22

FACULTY OF LAW



CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
SEMESTER I			SEMESTER III		
ENG-111	Functional English	03	ENG-211	English-III	03
PAK-112	Pakistan Studies	02	LAW-212	Introduction to Logic and Reasoning	03
SOC-113	Introduction to Sociology	03	LAW-213	Islamic Jurisprudence-I	03
ECO-114	Fundamentals of Economics	03	LAW-214	Law of Torts-II	03
LAW-115	Introduction to Law	03	LAW-215	Law of Contract-I	03
CS-116	Skills Development	03	LAW-216	Constitutional Law-I (UK)	03
ISL-117	Translation of Holy Quran (Theory)	NC	ISL-217	Translation of Holy Quran (Theory)	NC
	TOTAL	17.00		TOTAL	18.00
SEMESTER II			SEMESTER IV		
ENG-121	Communication Skills	03	LAW-221	Constitutional Law-II (US)	03
ISL-122	Islamic Studies/Ethics	02	LAW-223	Law of Contract-II	03
POL-123	Principles of Political Science	03	LAW-224	Islamic jurisprudence-II	03
HIS-124	History (South Asia)	03	LAW-225	Introduction to Psychology	03
LAW-125	Legal System of Pakistan	03	ISL-226	Translation of Holy Quran (Theory)	01
LAW-126	Law of Torts-I	03		TOTAL	16.00
ISL-127	Translation of Holy Quran (Theory)	01			
	TOTAL	18.00			

CODE	COURSE	C/Hr.
SEMESTER V		
LAW-311	Jurisprudence-I	03
LAW-312	Constitutional Law-III (Pakistan)	03
LAW-313	Islamic Personal Law-I	03
LAW-314	Criminal Law-I	03
LAW-315	Law of Property	03
ISL-316	Translation of Holy Quran (Theory)	01
	TOTAL	16.00

CODE	COURSE	C/Hr.
SEMESTER VI		
LAW-321	Jurisprudence-II	03
LAW-322	Law of Business Organizations	02
LAW-323	Islamic Personal Law-II	03
LAW-324	Criminal Law-II	03
LAW-325	Land Laws	03
ISL-326	Translation of Holy Quran (Theory)	01
	TOTAL	16.00

CODE	COURSE	C/Hr.
SEMESTER VII		
LAW-411	Public International Law-I	03
LAW-412	Constitutional Developments in Pakistan	03
LAW-413	Civil Procedure-I	03
LAW-414	Criminal Procedure-I	03
LAW-415	Law of Evidence-I	03
LAW-416	Legal Drafting-I	03
ISL-417	Translation of Holy Quran (Theory)	NC
	TOTAL	18.00

CODE	COURSE	C/Hr.
SEMESTER VIII		
LAW-421	Public International Law-II	03
LAW-422	Equity and Specific Relief	03
LAW-423	Civil Procedure-II	03
LAW-425	Criminal Procedure-II	03
LAW-425	Law of Evidence-II	03
LAW-426	Legal Drafting-II	03
ISL-427	Translation of Holy Quran (Theory)	01
	TOTAL	19.00

CODE	COURSE	C/Hr.	CODE	COURSE	C/Hr.
SEMESTER IX			ELECTIVE COURSES		
LAW-511	Research Methods	03	01	Alternate Dispute Resolution	
LAW-512	Minor Acts	03	02	Banking Laws	
LAW-513	Elective-I *	03	03	Conflict of Laws	
LAW-514	Elective-II *	03	04	Consumer Protection Laws	
LAW-515	Moot Cases and Professional Ethics	03	05	Custom and Tariff Laws	
ISL-516	Translation of Holy Quran (Theory)	NC	06	e-Commerce Law	
	TOTAL	15.00	07	Elections Laws	
SEMESTER X			08	Enviornmental Laws	
LAW-521	Administrative Law	03	09	Gender and Law	
LAW-522	Interpretation of Statutes & Legislative Drafting	03	10	Insurance Laws	
LAW-523	Research Project	03	11	Intellectual Property Laws	
LAW-524	Elective-III *	03	12	International Economic Law	
LAW-525	Elective-IV *	03	13	Interinational Humanitarian Law	
ISL-526	Translation of Holy Quran (Theory)	01	14	Interionatal Institutions	
	TOTAL	16.00	15	International Trade Law	
			16	Islamic Commercial Laws	
			17	Labour Laws	
			18	Law and Development	
			19	Law and Energy	
			20	Law and Socieity in Pakistan	
			21	Local and Special Laws	
			22	Media Laws	
			23	Medical and Forensic Law	
			24	Mergers and Acquisitions	
			25	Islamic Legal Maxims	
			26	Public Interest Litigation	
			27	Securities Regulation	
			28	Shipping and Admiralty Laws	
			29	Taxation Laws	
			30	Telecommunication Laws	

Mission

To meet the requirements of HEC and PEC and other regulatory bodies up to the level of satisfaction with accuracy, transparency and confidentiality within desired time.

Values

- Impartiality
- Integrity
- Accuracy
- Transparency
- Credibility
- Secrecy

Objectives

- To implement reliable and credible examination system
- To establish error free examination system
- To maintain high level quality standards
- To make the announcements of results automated and create user friendly environment

a. Short Title, Commencement and Applicability:

- i. These Regulations shall be called “**The University of Chakwal** Regulations relating to Semester System of Teaching and Examinations for Bachelor Degree Programmes”.
- ii. These shall come into force with immediate effect for under graduate degree Programmes of the University and will be applicable for all enrolled students.

b. Definitions:

- i. “Academic Council” means Academic Council of the University as per Charter.
- ii. “Academic Year” means a year normally consisting of two regular (i.e. Fall and Spring) semesters of 18-20 weeks duration each and one optional (i.e. Summer) semester of 9-10 weeks duration inclusive of examinations, internships or any other academic activity.
- iii. “Board of Undergraduate Studies” means the Board of Undergraduate Studies of the concerned Academic Department of the University.
- iv. “Candidate” means a student who intends to appear in an Examination.
- v. “Casual Student” means a student who has either not completed minimum degree requirements or want to improve the Grades (if result has not been notified) but is otherwise eligible (like 07 Years are not completed) to take the courses and to appear in the examination. He shall, however, be governed by the University Examinations and Discipline Rules & Regulations.
- vi. “Chairman” means the Chairman of the concerned Academic Department of the University.
- vii. “Controller of Examinations” means the Controller of Examinations of the University.
- viii. “Contact Hours” means the total number of lectures, tutorials and laboratory hours per week.
- ix. “Course” means separate Theory or Practical part of a subject.
- x. “Course Teacher” means a person appointed by the competent authority, who teaches a course and then evaluates the students as per University rules and regulations according to the procedures.
- xi. “Credit Hour” means 01 hour of theory lecture or 03 hours of practical work in a course per week for the semester.
- xii. “Cumulative Grade Point Average (CGPA)” means the credit-hour weighted average of the Grade Points earned for all the courses in all the semesters attended.

- i. “Dean” means the Dean of the concerned Faculty appointed by the Chancellor.
- ii. “Department” means an Academic Department of the University.
- iii. “End Semester Examination” means the examination to be held at the end of each semester separately for theory & practical part on such dates as the University may determine and notified by the controller of Examinations.
- iv. “External Examiner” means a person holding suitable qualifications in relevant discipline who has not taught the subject to the class/section during the semester for which the examination is being held and must be notified for this activity by the controller of Examinations.
- v. “Faculty” means the concerned Faculty of the University.
- vi. “Grade” means the letter grade (as defined) earned by a student in theory & practical part of a course separately depending on his performance in that course.
- vii. “Grade Points” means the points (numerical value) associated with each letter grade (as defined).
- viii. “Internal Examiner” means the teacher/ person appointed by the Competent Authority and notified by the Controller of Examinations who has been teaching the subject to the class/section during the semester for which the examination is being conducted.
- ix. “Mid Semester Examination” means the examination to be held after eight (08) weeks of teaching in case of regular semesters and after four (04) weeks of teaching in case of optional (Summer) semester on such dates as the University may determine.
- x. “Neutral Examiner” means a teacher of the University holding suitable qualification in the relevant discipline who has not taught the subject to the class/section during the semester for which the examination is being held and is notified by the controller of Examination on proposal of the relevant chairman.
- xi. “Practical Part” means the Laboratory part of the subject as prescribed in the detailed syllabi approved by the competent authority/ Forum, whose successful completion shall be the requirement of the Degree.
- xii. “Regular Student” means a bonafide student while enrolled during the minimum duration of a degree programme of this University and who does not maintain admission simultaneously in any other degree/diploma programme of this university or any other institution.
- xiii. “Semester” means a declared duration of 18-20 weeks in case of regular semester and 9-10 weeks in case of optional summer semester, including teaching and examinations.
- xiv. “Semester Grade Point Average (SGPA)” means the credit-hour weighted average of the Grade Points earned for all the courses in a semester.
- xv. “Subject” means a course of studies as prescribed in the detailed syllabi approved by the competent authority/ Forum, whose successful completion shall be the requirement of the Degree.
- xvi. “Syndicate” means the Syndicate of the University as per Charter of the University.
- xvii. “Theory Part” means the theoretical part of the subject as prescribed in the detailed syllabi approved by the competent authority/ Forum, whose successful completion shall be the requirement of the Degree.
- xviii. “University” means the **The University of Chakwal**.
- xix. “Vice-Chancellor” means the Vice-Chancellor of the University.

a. Explanations:

In these regulations:

The pronoun “he” and “its” derivatives are used for both male and female persons. Depending upon the context, the words imparting the singular number include the plural number as well, and vice-versa.

b. Academic Programmes:

Bachelor of Science/Arts Degree shall be awarded in all those disciplines which will be approved by the competent authority/ designated Forums and offered in the university or in any affiliated institute.

e. Academic Calendar:

The Bachelor's Degree Programme shall be spread over four academic years (i.e. minimum Eight Regular Semesters) as per the rules and regulations of the university and other regulatory bodies. Each academic year shall consist of two regular teaching semesters i.e.; Fall and Spring and an optional (Summer) semester. In case of regular semesters (i.e. Fall and Spring) there shall be sixteen weeks of teaching while in case of Summer semester, there shall be 8 weeks of teaching. The breakup of a complete academic year will be as under:

Fall Semester	
Teaching	8 weeks
Mid Semester Exam	1 week
Mid Semester Break	1 week
Teaching	8 weeks
End Semester Exam (Theory + Practical)	3 weeks
Semester Break	1 week
Spring Semester	
Teaching	8 weeks
Mid Semester Exam	1 week
Mid Semester Break	1 week
Teaching	8 weeks
End Semester Exam (Theory + Practical)	3 weeks
Summer Vacations / Summer Semester	9 weeks
Total for a complete year	52 weeks

The Director Academics shall prepare the academic schedule of complete year in consultation with the Deans, Chairmen of academic departments, Controller of Examinations, Director Student Affairs and Director Sports. Director Academics shall notify this after approval from Vice Chancellor. The academic schedule will include the following:

- (i) Semester registration date
- (ii) Semester starting date
- (iii) Mid semester examination week
- (iv) End semester examination weeks

Students shall be responsible to meet the requirements and deadline published for each semester in the academic calendar. Students shall also be expected to know and adhere to the rules, regulations, course loads and policies of the University as well as those of the departments in which they are enrolled.

PART-I GENERAL

a. Duration of the Degree Programme:

- The minimum duration of the degree programme shall be four academic years (i.e. Eight Regular Semesters). While the maximum duration allowed is seven years.
- Notwithstanding anything to the contrary contained in these regulations, no candidate shall be admitted to an examination after the expiry of seven academic years. This period shall be counted from the date of his registration to the first semester in the University. Provided that in case a candidate is admitted directly to a higher class (by migration or transfer of credits), he shall not be admitted to an examination after the expiry of the remaining period for the session to which he is admitted.

b. Credit Hours for the Award of Degree:

- The total number of credit hours required for the award of degree shall be **130-136** (Each department will specify separately) while the number of credit hours per semester shall be **15-18** (exclusive of additional courses). Overall a student may take **21** Credit Hours including additional courses. The courses of study, the credit hours allocated to each subject, the total credit hours offered in a semester and the detailed syllabi shall be as approved by the competent authority / Forum.

c. Minimum CGPA for the Award of Degree:

- A minimum CGPA of 2.0/4.0 for the total passed semesters of a degree programme shall be required for the award of degree. The student affected by this regulation shall have the option to repeat the courses in which his grade is C or less within the maximum allowable time period (07 Academic Years).

d. Medium of Instructions:

- The medium of instructions and examinations shall be English for all subjects except Islamic Studies and Pakistan Studies for which the medium of instructions and examinations shall be either Urdu or English.

e. Repeating and Improvement of Courses:

- An academically deficient student, either regular or casual, shall be allowed to repeat/ improve the courses during the summer semester, if possible to offer, as well as during the regular semesters whenever the teaching and examination schedule makes it possible for him to register himself for the additional courses with junior classes and to take the mid and end semester examinations. A student shall be allowed to repeat as many courses as possible to improve the grades during the entire degree program.
- In case of repetition/ improvement of a course the student shall have to pay course registration and examination fee as prescribed by the University. It shall be noted that a student can only improve a grade lower than C (i.e. C-, D&F).

f. Registration of Additional Semester Courses:

- An academically deficient regular student shall be allowed to get himself registered for as many additional courses with junior classes, such that that his total semester loading does not exceed 24 contact hours per week. Similarly an academically deficient casual student will be allowed to get himself registered for as many courses in his post eighth semester such that his total semester loading does not exceed 24 contact hours per week.
(1 Credit Hour of Theory = 1 Contact Hour) / (1 Credit Hour of Lab. = 3 Contact Hours)

g Summer Semester:

- (i) Summer semester shall be primarily for those students who want to repeat / improve certain courses to make up for their academic deficiencies. So no new course shall be opted by any student except those students who are sent on any type of cultural exchange program to any other or foreign university.
- (ii) An academically deficient student, either regular or casual, shall be allowed to get himself registered for maximum of 24 contact hours per week (if possible to offer) in an optional summer semester.
- (iii) The minimum strength to offer a course in Summer Semester will be Five (05) students. However, the competent authority may relax the condition of five (05) students on the recommendations of the Chairman of the concerned Academic Department only for graduating and casual students.
- (iv) Teaching Shall be mandatory for all offered courses in summer semester.
- (v) The contact hours during the summer semester shall be doubled to ensure that the course is completely taught in a summer semester with half of the duration compared to regular (Fall or Spring) semester.
- (vi) Letter Grade awarded during summer semester shall not be more than a "B" grade except the students on cultural exchange program. Also no "I" grade will be awarded in summer semester.
- (vii) The registration, attendance, conduct of examination and result display policies etc. during the summer semester shall be same as in regular semester.
- (viii) It shall be in the best interest of the students to clear their failed courses or the courses where they want to improve their grades by repeating the courses as early as possible. The University will not be responsible to offer failed or improvement courses in the final year unless and until the other conditions of summer semester registration are fulfilled.

PART-II SEMESTER REGISTRATION

The registration of the students for each semester other than the first semester shall be made by the concerned Academic Department of the University. The registration for the first semester shall be made by the admission office.

- a. The registration of the students for each semester shall be completed ten (10) days prior to the start of the semester by the chairman of the academic departments in accordance with the Academic Calendar notified by the Director Academics. The application forms shall be obtained from the office of the chairman of the concerned department. After necessary verifications, the chairman of the department will notify the list of registered students within ten days of the start of regular semester and four days of the start of summer semester. He will also forward these lists to all concerned within two weeks.
- b. In case of a regular semester, if a student fails to register himself / herself for cogent reasons, a fine of Rs. 100/- per day will be charged till the first day of the commencement of classes. After that, his name will be removed from the rolls of the university and he will have to pay the readmission fee and fine before he is readmitted. Application to this effect shall be submitted to the concerned Dean of Faculty.
- c. If a student fails to get registered for a regular semester, till one month after start of semester, he will be treated as suspended from University. The suspension can be lifted by the orders of the VC only along with readmission fee and fine.
- d. For above both cases (b & c) the student will not claim any other relaxation in the rules governing for teaching, attendance and examinations.

PART-III ATTENDANCE REQUIREMENTS

No candidate shall be eligible to appear in an End Semester Examination unless the following conditions are fulfilled:

- a. He has been on the rolls of the University during the semester for which the examination is being held.
- b. He is not debarred from taking the examination under the University rules and regulations in-force for the time being.
- c. He has attended a minimum of 75% of the total number of lectures delivered, the laboratory periods held, design and practical work done in a course during the Semester for which the examination is being held. The Dean of the concerned faculty may, for valid reasons, condone this deficiency upto 10% on the recommendations of the Chairman of the department in consultation with the course teacher concerned.
- d. If a student does not fulfill the condition of attendance, he shall be awarded an F-grade in that course whether theory or practical and will have to re-register for that course in the summer semester if offered or in a regular semester (as an additional course) in which the course is being offered.
- e. The course teacher concerned will prepare the attendance record separately for theory and practical courses and will display and forward the list of such candidates who do not fulfill the condition of attendance to the Controller of Examinations through the Chairman of the Department and the Dean of the concerned Faculty immediately after the completion of the teaching session. Such candidates shall not be allowed to appear in the end semester examination of that course.
- f. At the end of each month, the teacher concerned shall send to Chairman of the Department, a statement giving the total number of lectures delivered and practical conducted by him together with the number of lectures and practical attended by each student.

PART-IV CONDUCT OF EXAMINATION

1. Student Evaluation System

The performance of every student shall be continuously monitored and assessed throughout the semester. During the semester a student's performance shall be evaluated by taking quizzes, assignments, mid semester examination, laboratory reports, and project presentations etc. An end semester examination shall also be taken at the end of each semester covering the entire syllabus. Theory and practical parts of a subject will be treated as separate courses. It will be reflected on the Grade Sheet and Transcript of Awards. It is mandatory for the student to pass both the parts.

The course teacher shall be responsible for the evaluation of work/performance of the students of his class and for the award of grades to them on the basis of such evaluation.

2. Grading Mechanism

Course grades shall be awarded to the students preferably based on their relative performance in the course with minimum student's strength more than ten (20). Grading shall be usually carried out on the basis of normal distribution curve using statistical methods with preferably B as the class average. Grades shall be indicated by letters. There shall be 4-letter grades i.e. A, B, C & D for individual courses with 10 performance levels which are reflected in the table such as:

The following guideline for the award of Letter Grades can be followed by the course teachers in case of absolute grading and project evaluation etc

The grade points assigned to letter grades shall be indicated as under:

Letter Grades	Performance Level(s)
2 As	A & A-
3 Bs	B+, B & B-
3Cs	C+, C & C-
2D	D+, & D
F	Fail
I	Incomplete

Marks (%age)	Letter Grade
85-100	A
80-84	A-
75-79	B+
71-74	B
68-70	B-
64-67	C+
61-63	C
58-60	C-
54-57	D+
50-53	D
<50	F

Letter Grade	Grade Points
A	4.00
A-	3.66
B+	3.33
B	3.00
B-	2.66
C+	2.33
C	2.00
C-	1.66
D+	1.30
D	1.00
F	0.00

3. Semester Grade Point Average (SGPA)

The semester grade point average (SGPA) shall be calculated by multiplying the grade points earned in a course with the number of credit hours of that course, taking the sum of such products for each course taken in that semester and finally dividing the result by the total number of credit hours attempted in that semester.

4. Cumulative Grade Point Average (CGPA)

The cumulative GPA (CGPA) shall be calculated similarly (as that for SGPA) for all the courses taken in all the semesters of the degree programme.

5. Evaluation Components /Assessment Type

a. Theory Course

(i) Qizzes/Assignments/Projects/ Presentations:

There shall be an appropriate number of quizzes/assignments/ course project/ presentations etc.

(ii) Mid Semester Examination

There shall be one mid semester examination of 1.5 to 2.0 hours duration for each theory course in a semester after eighth week of teaching in case of regular semester and after fourth week in case of summer semester.

(iii) End Semester Examination

There shall be separate End-Semester Examination for every subject. The duration of this exam will be 2 to 3 hours covering the entire course at the end of each semester. The examination shall be held in the last 3 weeks of each regular semester and in last one week of summer semester.

Weightage of Evaluation Components/Assessments

The final grades shall depend on the marks obtained in each of the evaluation components listed above. The weightage given to each component is as follows:

Evaluation Component/Assesment Type	Weghtage
Quizzes/Assignments/Projects/Presentations	25%
Mild Semester Examination	25%
End Semester Examination	50%

b. Lab Course:**Weightage of Evaluation Components/Assessments**

The final grades shall depend on the marks obtained in each of the evaluation components listed above. The weightage given to each component is as follows:

Evaluation Component/Assesment Type	Weghtage
Lab Assignment, Lab Performance, Lab Report, Lab Project, Presentation, Mid Semester Exam	25%
End Semester Viva & Practivcal	50%

The end semester viva & practical examination will be conducted jointly by the course teacher (i.e. Internal Examiner) and External/Neutral Examiner as notified by the Controller of Examination on recommendation of the relevant Chairman.

6. Choice in Question Papers

There shall be no choice of questions in any of the evaluation components.

7. Absence from Examination

Absence in any of the evaluation components shall be awarded zero marks whereas the absence in end semester examination shall be awarded an F grade irrespective of sessional marks. However I grade may be assigned by the teacher if valid reasons are submitted to the department as well as relevant teacher before submission of the result.

8. Maintenance and Display of Sessional Awards

The teacher concerned shall prepare detailed sessional awards. He shall display a copy of the same on the notice board before the start of end semester examination.

9. Showing of Answer Scripts

The marked scripts of each examination component i.e. quizzes, assignments, lab reports, mid and end semester examination shall be shown to the students by the concerned teachers. In case, a student is not satisfied with his awards and /or clarification from the teacher concerned, he may make written complaint to the Chairman of the Department who will refer his case to the Departmental Semester Committee and the decision of the Committee shall be final.

10. Re-mid Examination

A student who fails to take his Mid semester examination due to some unavoidable circumstances (beyond his control) shall apply in writing to the Chairman for retaking mid semester examination before the End Semester Examination. The Chairman will refer his case to the Departmental Semester Committee for consideration and decision. The decision shall be communicated to the Controller of Examinations in writing for notification. In case a student is allowed to retake Mid Semester Examination, the examination will be conducted by the concerned course teacher before the End Semester Examination on the payment of prescribed fee by the student.

11. Place, Conduct of Examination and Date Sheet

The Controller of Examinations shall issue the date sheet of theory papers for each mid and end semester examinations. Mid Semester examinations shall be held on consecutive days excluding holidays which means that no gap shall be allowed between the two papers. While the End Semester examination shall be held on alternate days. The date sheet for Practical/Viva Voce Examination will be issued by the Chairman of the concerned Department in communication with the Controller of Examinations.

12. Paper Setting and Marking of Scripts for Mid and End Semester Examination (Theory Course)

The course teacher(s) shall be responsible to set the question paper covering the entire syllabus, mark the answer scripts and prepare the award lists.

- a) The course teacher after setting the question paper shall get it photo copied by himself in accordance with the number of students and deliver it to the Centre Superintendent on the date of examination as per date sheet.
 - b) On receipt of Answer Scripts from the Centre Superintendent, on the same day, the course teacher shall mark the scripts for each examination and prepare the award lists. After the end semester examination, he shall send the result (hard and soft copies) along with the marked scripts and two (02) sets of question papers of Mid and End Semester examinations. The course teacher(s) shall be responsible to set the question paper covering the entire syllabus, mark the answer scripts and prepare the award lists.
- a) The course teacher after setting the question paper shall get it photo copied by himself in accordance with the number of students and deliver it to the Centre Superintendent on the date of examination as per date sheet.
 - b) The course teacher(s) shall be responsible to ensure that there is no discrepancy in the marks entered in the award lists, the marks entered on the cover page of the scripts and the marks awarded to the questions in the scripts. A fraction of half or more shall be counted as one mark and less than half ignored in grand total only.
 - c) The time limit for marking the scripts and submitting it to the controller of Examinations shall be fifteen (15) days from the date of last paper of end semester theory examination. Chairman of the concerned department will ensure the timely submission of result. A reasonable fine shall be imposed on per day delay for submission of results by the competent authority (VC).

13. Invigilation/Centre Staff

The Controller of Examinations shall notify the invigilation/center staff for the conduction of mid and end semester examinations on the recommendations of the Chairmen of the departments according to the set rules depending upon the number of students appearing in the examination.

14. Appointment of Examiners for Lab Course

The Internal and External/Neutral Examiners for lab course shall be appointed by the Vice Chancellor on the recommendations of the Boards of Undergraduate Studies of the Departments which shall recommend internal examiners and a panel of External/Neutral examiners to the Controller of Examinations for notification.

The end semester viva and practical examination shall be conducted jointly by the Internal and External/Neutral Examiners. The Internal Examiner will prepare the result and shall submit the same to the Controller of Examinations through the Chairmen of the concerned departments under sealed cover.

15. Summer Internship

Every student shall be required to participate in a six to eight weeks of practical training Program during the summer of their second or third year and submit a formal report to the Chairman of the Department.

16. Final Year Project

In the final year, students shall be required to do a project which is assigned six credit hours. A list of available projects shall be notified by the concerned department at the start of the academic year. Students shall be required to consult their faculty advisors for the selection of a project. Students shall be required to complete their projects and present their reports (in hard-bounded form) before the end semester examination of their eighth semester. A three members committee nominated by the Chairman of the Department including the project supervisor and approved by the Vice-Chancellor notified by the Controller of Examinations shall evaluate these projects at the end of eighth semester. The eighth semester project evaluation shall be held after the examination weeks and shall be followed by an open presentation.

17. Final Award

The final award once received by the office of the Controller of Examinations shall not be liable to a subsequent change except with permission of the Vice-Chancellor on the recommendations of the Departmental Semester Committee with some justifications/ valid reasons.

18. Notification of Result

As soon as possible after the completion of the examination and submission of awards by the Academic Departments the Controller of Examination shall notify the result after scrutiny of the results.

19. Re-Checking of Answer Scripts

There shall be no re-evaluation of answer scripts of the end semester examination. However, a candidate shall be allowed to have his answer scripts rechecked by the Controller of Examinations on payment of prescribed fee within fifteen days of the declaration of the result. The Dean of the Faculty concerned may condone the delay up to a maximum period of ten days on payment of double fee. The Controller of Examinations shall certify that:

- a. The script has not been changed as mentioned in the attendance sheet.
- b. No portion of the script has been left unmarked.
- c. The marks awarded in the script have been correctly brought out on its cover.
- d. The grand total on the cover of the script is correct.
- e. The grand total on the cover of the script is correctly transferred to the award list.
- f. The result has been correctly posted and notified.

If any discrepancy is found in above cases, then the Controller of Examinations will:

Case (a): call the superintendent of the concerned examination for clarification/ rectification. If the matter is not satisfactory then he will refer the case to Unfair Means Committee.

Case (b-e): call the concerned course teacher to rectify the mistake, prepare new result and submit the same through Chairman of the concerned department for re-notification.

Cases (c, d, e, and f): The controller of examinations will rectify the mistake and re-notify the new result.

There shall be no re-evaluation or rechecking of practical examination.

20. Academic Deficiencies

A student, who obtains one or more of the following in a semester result, shall be considered academically deficient:

- i. One or more "F" grades in a semester.
- ii. One or more "I" grades in a semester
- iii. SGPA less than 1.00 at the end of 1st semester
- iv. CGPA less than 2.00 at the end of 2nd semester and onwards.

(a) Academic Dismissal

A student who fails to obtain a minimum GPA of 1.0 at the end of 1st semester of a degree programme shall be placed on academic probation for the 2nd semester being academically deficient. In case, he fails to improve his CGPA to 1.50 at the end of 2nd semester, his name shall be removed from the Rolls of the University. Students dismissed on academic grounds shall, however, be furnished with an official transcript indicating the courses completed along with grades earned in registered courses.

(b) Re-admission

Re-admission in the first year, without going through the admission process, is granted to only those undergraduate students who have been dismissed on academic grounds but only for once. There is no second re-admission. However the maximum duration of degree program shall remain the same which will be considered from the date of his first semester registration.

c) Relegation to Lower Semester

An academically deficient student can apply to the Chairmen of concerned department for Willing Relegation to lower semester to overcome his academic deficiencies. The Chairman will refer his case to the Departmental Semester Committee for appropriate decision which will be forwarded to the Controller of Examinations through the concerned Dean for Vice Chancellor's approval and subsequent notification. The Willing Relegation to lower semester can only be availed once during the entire degree programme subject to written consent of the parents/guardians. However the maximum duration of degree program shall remain the same which will be considered from the date of his first semester registration.

21. Incomplete (I) Grades

A student may request for the award of an 'I' (Incomplete) grade, if for some genuine reasons (beyond his control), he fails to appear in an end semester examination or final project. 'I' grade will not be awarded for any other deficiency in a course (e.g. shortage in attendance etc). For the award of an 'I' grade, the student will apply on a prescribed form "i.e. 'I' Grade Application Form" to the Chairman of the concerned department, who will refer the case to the Departmental Semester Committee for consideration. The Departmental Semester Committee will make its recommendations based on the genuineness of the case and on the basis of his performance in mid semester examination, lab work, home assignments, quizzes, class participation etc. In case the student is allowed an 'I' grade in a course(s) the recommendation of DSC will be forwarded to CoE for notification. Student would be allowed to take only End Semester Examination of that course on payment of prescribed fee. The 'I' grade must be completed before the commencement of the forthcoming End Semester Examination, failing which the 'I' grade will automatically be converted to 'F' Grade. "I" grade will not be awarded in Summer Semester.

22. Repeating Courses / Improving Grades

- a) If a student registers himself for improvement of a course and completes it, the better grade obtained by him shall be considered for the computation of CGPA.
- b) In case a student repeats a course which has already been taken, and in case a student takes a new course in lieu of the elective course in which he failed, both the courses alongwith grades will be reflected on his transcript.

23. Freezing of Semester

Students will be allowed to freeze a semester only once during the entire degree programme owing to some extreme and genuine reason to be determined by the Departmental Semester Committee. Students shall not be allowed to freeze their First and Second Semester(s), in any circumstances. Only those students who have completed their First Academic Year at the University shall be eligible to avail this facility. A student must apply to the Chairman of the Department, in writing, for freezing of one or two consecutive semesters within fifteen days of commencement of the semester. Students can request for freezing of at most two (02) consecutive semesters with Summer Semester not being counted. The Dean of concerned faculty will approve the request on the recommendation of the Departmental Semester Committee and Controller of Examinations shall notify the Freezing of Semester(s) accordingly.

In case of freezing two consecutive semesters the student on his return will be registered in the same semester with next junior class and his courses shall be evaluated by the concerned Chairman of the department to determine their relevance to the changes made in the curriculum (if any). In such a case, the student shall be required to modify the degree plan in order to ensure conformity to the recent curriculum. Also, students will be required to pay the difference of University fee (if any) besides the re-registration fee.

In case of freezing one semester, the student may re-join his own class. The deficiency created by frozen semester shall be made up after completing the remaining courses with his class i.e. after eighth semester by enrolling as a Casual Student. However, the students allowed to freeze their semester for proceeding abroad under Educational Exchange Programs, will be eligible to register themselves for deficient courses in forthcoming Summer and / or Regular Semesters to overcome their academic deficiencies, provided the requirements for registration in Summer and/or in Regular Semesters (as additional courses) are fulfilled as prescribed in the prevailing regulations. The maximum duration of the degree programme shall remain the same which will be counted from the date of his first semester registration including the frozen semesters.

24. **Withholding of Comprehensive Result**

The comprehensive result of a candidate, who is allowed to appear in the final semester examination while carrying courses of the lower semesters, shall not be declared till he clears the courses of lower semesters as a Casual Student. His Comprehensive result will be declared with the session in which he clears his last course of the degree programme. After the declaration of Final Semester Result, the students with status "Passed" shall be required to submit the "DEGREE REQUIREMENTS COMPLETION FORM" complete in all respects within four days of the notification. Failing which Comprehensive Result Notification will be issued and the students will have no claim to improve their grades afterwards. Also, the students with status "Passed" and interested in improving their grades (C, C-, D grades) and the students with status "Failed" shall be required to submit the "CASUAL STUDENT ENROLLMENT FORM" complete in all respects, for registration as Casual Students before Final notification.

25. **Transfer of Credits**

Transfer of credits shall be applicable only for those students who have been migrated to this University. Credits for only those courses shall be transferred which fulfill the following criteria:

- Credits can only be transferred from a PEC (Pakistan Engineering Council) accredited programme in case of Engineering disciplines and from other concerned accredited bodies in case of non-engineering disciplines.
- A course with similar title, standard, duration, credit hours and matching course description is available in the relevant academic programme of the University. The course equates in description and laboratories work (if any) with the similar course of the relevant academic programme of the University. The duration of the course must be same or more than the duration of the course in the programme of the University.
- The candidate should have secured at least "B" grade in that course as per the grading system of the University.
- A maximum of 50% of the total credit hours of the relevant academic programme of the University shall be allowed for transfer.
- Transfer fee as prescribed by the University, shall be paid by the candidate.
- Transfer of credits is considered on the basis of course contents and credit hours to be decided by the Departmental Semester Committee of the concerned department.
- Transferred credits shall not be included in CGPA calculation however, will be reflected on the transcript as Transferred Credits. A student who has got relegation can also get exempted only courses with grade B or higher.

26. Award of Degree

A candidate shall be admitted to the degree if:

- a) He has earned total credit hours required for the degree within the prescribed duration of the degree programme.
- b) He has obtained pass grades in all the courses offered in a semester.
- c) He has passed all the semesters in the relevant discipline with at least 2.00 CGPA at the scale of 4.00 upto completion of a degree programme.
- d) He has submitted the Degree Requirements Completion Form.
- e) In case of the degree programme having some specific requirements be meet by the candidate and certified by the Chairman of the Department.

27. Award of Honours

A candidate shall be declared to have obtained the degree with Honours and the fact shall be recorded on the Transcript, provisional certificate as well as on the degree, provided that:

- a) He has obtained CGPA of 3.7 or more.
- b) He has completed the degree programme within the minimum duration as specified in the regulations.
- c) He has not obtained 'F' grade in any course during the entire degree programme.
- d) He has not improved any grade in the entire degree Programme.
- e) He has not transferred any credit from other institutions.
- f) He has not availed the facility of freezing of semester(s) during the entire degree programme.

28. Award of Medals

A candidate who fulfills all the requirements for the award of degree with Honours shall be entitled to the award of a medal for best performance on the basis of combined eight semester examinations result in each discipline as detailed below:

1. University Gold Medal

For obtaining 1st Position in a degree programme

2. University Silver Medal

For obtaining 2nd Position in a degree programme

3. University Bronze Medal

For obtaining 3rd Position in a degree programme

4. Donor Gold Medals

Will be awarded as per requirements of the Donors and approved by the syndicate of the university.

5. University Gold Medal for Best Researcher

A Gold Medal to best researcher amongst the undergraduate students of the University will be awarded with the below mentioned terms and conditions.

- i. The Candidate who fulfills all the requirements for the award of degree with Honors.
- ii. The candidate who successfully publishes a research paper in ISI indexed Impact Factor research publication.
- iii. The Candidate whose nomination is made by the Research Evaluation Committee constituted for this purpose by the worthy Vice Chancellor.

29. Semester Grade Sheet

The semester grade sheet (SGS) will be provided at the end of each semester after the result notification. The prescribed fee will be charged at the start of each semester along with other semester fee. The SGS shall indicate Courses along with Letter Grades, Grade Points, SGPA, and CGPA.

30. Transcript of Awards

A Transcript of Awards shall be issued to each student after completion of the degree programme subject to the payment of prescribed fee and clearance certificate. However on the request of the student, an incomplete Transcript of Awards can be issued on the payment of prescribed fee.

31. Provisional Certificate

A candidate who fulfills all the requirements for the degree shall be issued a provisional certificate on the payment of prescribed fee alongwith the clearance certificate before the issuance of the degree. This provisional certificate will not itself confer any right or privilege for admission to the degree.

32. University Degree

The degree shall normally be issued to the graduates at the time of University Convocation without any fee. However, a graduate after obtaining the provisional certificate can apply for issuance of the degree before convocation on payment of the prescribed fee. The graduates who receive the degree in absentia after the convocation shall also be required to pay the prescribed fee.

33. Issuance of Certificates / Degrees

Subject to fulfillment of requirements and submission of application on prescribed forms with fee:

- Degree will normally be issued within two months of the receipt of the application.
- Any other certificate or duplicate copy (other than degree) will be issued within six working days of receipt of application.

Note: A candidate shall deposit double the prescribed fee if he requires a certificate or duplicate copy (other than degree) within 24 hours.

34. Certificate Fees

The rates of fee for various certificates shall be as under:

a)	Semester Grade Sheet	Rs. 500
b)	Transcript of Awards	Rs. 1500
c)	Provisional Certificate	Rs. 1000
d)	Degree in Absentia / Degree Before Convocation	Rs. 2000
e)	Any other Certificate	Rs. 300

f)	Duplicate Certificate / Degree	Double of the Normal Fee
g)	Verification fee of University Degree/Certificate(s)	
	Degree/Transcrip of Awards	Rs. 500 Each
	S.G. Sheet/Provisional Certificate/Any other Certificate etc.	Rs. 300 Each

35. Other Fees

a)	Semester Examination Fee	Rs. 1000 Per Semester
b)	Sumer Semester Registration Fee	Rs. 2000 Per Credit Hour
c)	Registration Fee for Improvement of a Course during Regular Semester	Rs. 2000 Per Credit Hour
d)	Post Eight Semester Registration Fee	Rs. 2000 Per Credit Hour
e)	Fee for 'I' Grade / Mild Semester Retake Examination	Rs. 1000 Per Course
f)	Rechecking of Answer Scrip Fee	Rs. 500 Per Script

Note: The rate of fee may be revised by the university authorities from time to time and will be applicable to the currently enrolled students of previous entries also. Fee will not be refunded in any case.

36. Disposal of Marked Answer Scripts

The marked answer scripts of a particular mid and end semester examinations shall be retained in the office of the Controller of Examinations for a period of one Year. After this period, the scripts shall be disposed off accordingly.

37. Departmental Semester Committee

a. Constitution of the Committee

Each Department shall have a Departmental Semester Committee constituted by the Vice Chancellor comprising the following:

- i. Chairman of the Department
- ii. Two/ three senior most faculty members
- iii. The teacher concerned may be co-opted in case of complaint of the students.

b. Functions of the Committee

- Address and recommend solutions to student's complaints/appeals regarding sessional/ grade awarded.
- Examine & recommend students requests for award of 'I' grade, and retake of mid semester examination.
- Examine & recommend students requests for freezing of semester.
- Examine & recommend students requests for willing relegation to lower semesters only for the purpose of overcoming their academic deficiencies.
- Examine & recommend transferred courses and corresponding credits for migration cases.
- Examine & recommend deficit courses for the student who freezes his two consecutive semesters and the curriculum of next session has been changed.

Recommendations of the DSC will be approved by the Dean of relevant faculty and will be notified by the controller of examinations.

38. University Semester Committee**a. Constitution of the Committee**

There shall be a university semester committee to be constituted by the Vice-Chancellor. The Committee shall consist of the following:

- i) The Deans of all Faculties (Senior Dean being the Chair)
- ii) The Director Quality Enhancement.
- iii) The Director, Academics
- iv) The Controller of Examinations (Secretary)

b. Functions to the Committee

- i) Provide consultation to the Academic Departments in all academic related matters and facility development for the latest knowledge and technology.
- ii. Monitor the implementation of semester system and address various issues arising with relation to its implementation.
- iii. Recommend necessary amendments in the Semester rules & regulations, if needed.

39. University Dress Code

The students shall wear dress that ensures modesty, sobriety, and dignity. The dress must neither be offensive to social norms and ethical values of the society nor injurious to feminine grace and gentleness. Female students shall, preferably, wear a scarf and an overall sufficient to conceal their posture

40. Liability for Injury, Damage and Loss

The University teaching programs include training in its workshops and laboratories, places of engineering interest, industrial concern, and construction jobs. The University or other concerns shall not be responsible in the event of an injury, damage or loss to a student resulting from any cause whatsoever during such training.

41. Migration

- a) Subject to the provisions of regulations, the Vice-Chancellor may admit a student to the university by migration from other universities or institutions, which are accredited by the Pakistan Engineering Council in case of Engineering programs and from other concerned accreditation bodies in case of Non-Engineering Disciplines.
- b) No student shall be admitted to first year and final year classes by migration.
- c) No student other than regular student shall be allowed admission by migration.
- d) Admission by migration shall not be allowed ordinarily after the expiry of three weeks from the commencement of the session.
- e) No student shall be admitted by migration unless he produces a “No Objection Certificate” and good moral character certificate to the effect that:
 - i. He has obtained not less than 2.8 GPA or equivalent in the examination based on which migration is requested.
 - ii. He has neither been debarred from taking university examination or suspended nor expelled nor rusticated, for whatsoever reason, from the university or institution from which he intends to migrate.
 - iii. No disciplinary action is pending against him.
- f)
 - i. The application shall be accompanied by a detailed marks certificate showing the examination passed by the student including intermediate (Pre-Eng.)/BSc Examination based on which he secured admission in the parent university or institution.
 - ii. No student admitted to any university or institution against seats reserved for special categories shall be eligible for admission by migration.
 - iii. Only those students, who have academic merit at par with the students admitted in this university on open merit in the respective classes, shall be considered for admission by migration.
 - iv. No student shall be migrated to the university who carries any of his papers of previous years.
 - v. No migration shall be allowed to and from the constituent/affiliated institutions.
 - vi. Subject to eligibility under the regulations, the grounds for migration shall constitute changes in circumstances, which render it practically impossible for the student to continue his studies in his Parent University or institution.
 - vii. Migration application will be entertained only on the prescribed application form, obtainable from the Academic & Regulation branch at the cost prescribed by the university.
 - viii. Migration fee as prescribed by the university per year to be studied, will be charged.
- g) A student desiring to leave this University to join another university or institution shall apply to the Dean of the faculty concerned on prescribed form.
- h) The student will be required to clear all the university dues before he applies for migration.
- l In case of a student who has been debarred from taking university examination or has been expelled or rusticated, for whatsoever reason, No Objection Certificate (NOC) shall not be issued so far as the punishment is in force.
- j) The Registrar shall issue NOC, which shall be valid only for sixty days.
- k) A student who has obtained NOC from this University, but has not secured admission in another institution, may be re-admitted to the University in the class to which he can be admitted under the regulations provided that:
 - i. His absence from the current teaching session of that class does not exceed four weeks.
 - ii. He surrenders the NOC.
- l) Any changes/ additions/ modifications, if made in the above regulations, will also be applicable.

42. Instructions for Students during Examination

- a) The answer script should not be used for any purpose other than writing answer to questions in the examination hall. Illegal use of answer script would lead to prosecution.
- b) Begin writing your answer from the back of the title page of the answer script. This page must not be left blank in any case.
- c) Write on both sides of each leaf.
- d) Candidates guilty of making appeals to the course teacher(s) in their answer script will entail the penalty of cancellation of the answer script through which such appeal is made.
- e) No answer script or paper of any kind is to be taken in or removed from examination hall/room except the question paper.
- f) No leaf from the answer script is to be torn off.
- g) Any candidate creating disturbance during the examination or misbehaving in or around the examination hall/room shall be expelled therefrom and shall be liable to disciplinary action.
- h) The answer script must be delivered to the superintendent even if no question has been answered. Candidates are not permitted to leave the examination hall/room until the expiry of half time after the distribution of question paper.
- j) Candidates found using UNFAIR MEANS shall be liable to disciplinary action.
- k) Use of programmable calculator is prohibited unless specially allowed by the course teacher and clearly mentioned in the question paper.
- l) Only blue/black ball pen is allowed to be used. Do not use marker/pen or ball pen of any other color.
- m) Use of white fluid and ink remover is strictly prohibited which can result into the cancellation of entire answer script.
- n) Mobile phone is not allowed in the examination hall/room. Violation will lead to unfair mean case.

43. Unfair Means Committee**a. Constitution of the Committee**

The Vice-Chancellor shall appoint a committee comprising of the following:

- i. Chairman of Committee of Professor/Associate Professor rank
- ii. Three members from the faculty of Professor/ Associate Professor/Assistant Professor rank
- iii. COE (Member/Secretary)

The meeting of the committee may be convened having quorum of at least three members including COE.

b. Functions of the Committee

The committee will function according to the approved “unfair means Rules and regulations.

Part-V. Students Discipline Rules

1. These rules shall be called the “University of Chakwal, (Students General Discipline) Rules,2020”.
2. These Rules are in effect from2020.
3. Unless otherwise explained in the context or explicitly expressed, the following terms shall mean as defined in each case:
 - a) “Academic Department” means an academic department of the University.
 - b) “Committee” means the Students Discipline Committee of the University constituted by these rules.
 - c) “Country” means Pakistan in case of native students and in case of foreign students this term refers to the native country of such foreign students.
 - d) “Examination Hall” means a place declared as examination hall or as such.
 - e) “Hall of residence” meansthehostelof the University or such place as may be declared as residence hall for students.
 - f) “Student” means a bonafide student of the University, both native and foreign, in accordance with the respective rules.
 - g) “University” means the University of Chakwal
 - h) “Vice-Chancellor” and other officers/ authorities mean the Vice - Chancellor and other officers / authorities of the University.

Note: The general pronoun “he” and its derivatives shall mean either of the sex, unless otherwise Explicitly expressed.
4. Every student must observe the following code of honour:
 - a) He must be faithful in his religious duties and respect the conviction of others in matters of religion and custom.
 - b) He must be loyal to his country and refrain from doing things, which might lower its honour and prestige.
 - c) He must be truthful and honest in his dealings with all people.
 - d) He must respect the elders and be polite to all especially to women, children, old people, the weak and the helpless.
 - e) He must respect his teachers and others in authority in the University.
 - f) He must keep clean in body and mind, standing for clean speech, clean sport a clean habits.
 - g) He must help his fellow beings especially those in distress.
 - h) He must devote himself faithfully to his studies.
 - l) He must observe thrift and protect property.
5. No student shall: –
 - a) Smoke in his class room, laboratory, workshop, library, hall of residence, examination hall or convocation hall and during studio work or academic functions.

- b) Consume alcoholic liquor or other intoxicating drugs within the University campus or hall of residence or examination hall or during the instructional, sports or cultural tours or survey-camp; or enter any such place or attend any such tour or camp, while under the influence of such intoxication.
 - c) Organize or take part in any function within the University campus or a hall of residence or organize any club or society of students except in accordance with the prescribed rules and regulations.
 - d) Collect any money or receive donations or pecuniary assistance for or on behalf of the University or any University organization except with the written permission of the Vice-Chancellor or any officer authorized by the Vice-Chancellor
 - e) Stage, incite, participate in or indulge in any walkout, strike or other form of agitation against the University or its teachers or officers.
 - f) Interfere in the official proceedings of the examination or other University business.
 - g) Threat or misbehave with the officers or other employees of the University or try to influence such officers or employees in any way in connection with their official assignments.
 - h) Instigate or take part in any boycott of examination or create disturbance in or, around the examination hall.
6. Every member of the teaching staff shall have the powers (and it shall be his duty) to check disorderly or improper conduct or any breach of the rules by students occurring in any part of the precincts or the University. Should such misconduct occur in room when the student is under the charge of an instructor/supervisor, the latter shall report the matter, without delay, to the Chairman of the Department.
7. The Librarian shall be responsible for maintenance of order of the library. In case of disorderly conduct or any breach of rule he may require the student so offending to withdraw from the library for the remainder of the day and shall immediately report the offense to the Chairman, Library Committee.
8. The Senior Warden/Warden and the Resident Tutor shall be responsible for the maintenance of order among the students in hall of residence or hostels. The Director, Sports/Physical Education shall be responsible for the maintenance of order among the student son or near the playground or while otherwise under his charge.
9. a) There shall be a Students' Discipline Committee, to deal with the serious cases of in-discipline, consisting of the following:
- (i) Chairman, to be nominated by the Vice-Chancellor
 - (ii) One member to be nominated by the Syndicate
 - (iii) Two members not below the rank of Associate Professor, to be nominated by the Academic Council.
 - (iv) The Senior Warden, (Ex-Officio Member).
 - (v) The Director Students' Affairs, (Ex-Officio Member/Secretary)
- b) The term of office of the members other than ex-officio members shall be two years.
 - c) The quorum for a meeting of the Committee shall be four.

10. The functions of the Committee shall be:
- a) To propose regulations to the Academic Council, and other authorities, for the conduct of the University students.
 - b) To maintain discipline and to guard against the breach of discipline.
 - c) To perform such other functions as may be prescribed.
11. A student shall be guilty of an act of in-discipline and shall be liable for each act to one or more of the penalties mentioned in Rule.
12. if he:
- a) Commits a breach of any of the rules of conduct specified in Rule F.5; or
 - b) Disobeys the lawful order of a teacher or other persons in authority in the University; or
 - c) Habitually neglects his work or habitually absents himself from his class without reasonable cause; or
 - d) Willfully damages University property or the property of a fellow student or any teacher or any employee of the University; or
 - e) Does not pay the fees, fines or other dues leviable under the University Act, Statutes, Rules, Regulations or Instructions; or
 - f) Does not comply with the rules relating to residences in the hostels or hall of residence or the Rules relating to the University Dress Code; or
 - g) Uses indecent language, wears immoderate dress, makes indecent marks or gestures or behaves in a disorderly manner; or
 - h) Commits any criminal, immoral or dishonorable act (whether committed within the University campus or otherwise) which is prejudicial to the interests of the University; or
 - i) Humiliates, or causes to humiliate, his fellow student or a teacher or officer or other employees of the University; or
 - j) Possesses, carries or uses any type of weapons/firearms or explosive material within the University premises; or
 - k) Spreads by word, mouth or written material, religious, sectarian, ethnic, regional or linguistic conflicts/hatred; or
 - l) Uses or takes possession of the University transport unauthorisedly; or
 - m) Shows immodest/indecent or contra-Islamic behavior with fellow boy/girl student.
13. 1) The penalty or penalties imposed shall be appropriate and proportioned to the nature and gravity of the act.
2) The penalties which may be imposed and the authority or authorities competent to impose each kind of penalty are specified in the table given below

S.No.	Penalty	Authority Competent to Impose the Penalty
a)	Exclusion from classroom Laboratory, Workshop or field work for the periods concerned, for not more than four such consecutive periods	Teacher In-Charge
b)	Exclusion from the game or the field for not more than one week	In-charge of the game
c)	Exclusion from instructional or sports tour or survey camp.	Teacher In charge or Tour In charge/ Chairman
d)	Exclusion from the Department for a period not more than one year.	Heads of Department/ Chairman
e)	Exclusion from the Library for not more than two weeks.	The Chairman Library Committee

S.No.	Penalty	Authority Competent to Impose the Penalty
f)	Exclusion from all classes or any class in any Faculty for a period not exceeding one year	Dean of the Faculty
g)	Exclusion from the Hall of residence for a period not exceeding six months.	Resident Tutor, Warden, Senior Warden
h)	Exclusion from the Hall of residence for a period not exceeding one year.	Senior Warden, Warden, Director Students Affairs
l)	Suspension or removal from a position of authority in a hall of residence	Resident Tutor, Warden, Senior Warden
j)	Suspension or removal from a position of authority in the Students Union, if any	Director, Students Affairs
k)	Suspension or removal from a position of authority in the University Sports	The Chairman, Sports Committee
l)	Fine up to Rs. 2000/-	Lab Engineer/Lecturer, Resident Tutor
m)	Fine up to Rs. 5000/-	Assistant Professor, Warden
n)	Fine up to Rs. 10000/-	Associate Professor
o)	Fine up to Rs. 20000/-	Chairman of a Teaching Department, Professor, Senior Warden, Director Students Affairs, Chairman Transport Committee
p)	Fine without any limit	Dean of the Faculty
q)	Rustication from the University:	
	i) for a period not exceeding one year	Chairman of the Department
	ii) for any period	Discipline Committee, Dean of the Faculty
r)	Expulsion from the University	Discipline Committee
s)	Withholding of result(s), certificate of good moral character etc.	Dean of Faculty, Chairman of Department Discipline Committee

- 14.1 When a case against a student is referred to the Committee, the Committee may, if it deems fit, suspend the student from University Rolls and/or direct him to vacate the hall of residence till it has taken a decision in the case.
2. Notwithstanding any thing contained in rule **V.13 (1)**, the Vice-Chancellor shall have the powers to impose any of the penalties mentioned in rule **V.12 (2)** or to refer the case to the Committee.
3. A teacher or officer mentioned in these rules in whose presence or in relation to whom an act of indiscipline is committed or who obtains knowledge of such act on a report or otherwise, may deal with the case himself or if in his view:
 - a) The case is one which can be more appropriately dealt with by another authority; or
 - b) A penalty severer than that which he is competent to impose is called for in the case; shall follow the procedure specified below:
 - i) If he is not the Dean of the Faculty he shall refer the case to the Dean who may deal with it himself or refer to the appropriate authority.
 - ii) If he is the Dean of the Faculty, he shall refer the case to the Vice-Chancellor or the Committee.
4. No student shall be rusticated or expelled from the University, unless he has been allowed reasonable chance of replying to the accusation against him.
5. When in the opinion of the Committee the penalty of rustication or expulsion is not called for in a case referred to it, it may impose any other penalty or penalties mentioned in the Rule **V.12(2)**.
15. When a teacher or officer has imposed penalty/penalties on a student under sub rule **V.12 (2)**, the latter shall not be liable to a higher or an additional penalty unless he has been given a reasonable opportunity of showing cause against the proposed action.
- 16.1) A review petition against the imposition of penalty may be made within a week's time to the officer who imposed the penalty.
In case the student is not satisfied with his decision/ revision he may appeal to the Chairman, Discipline Committee who shall place it before the Committee for its consideration and decision within a maximum of six weeks to dispose off the case. A final appeal against the imposition of penalty may then be made to the Committee as provided in Rule F.15 (2) of these Rules.
2. An appeal against a decision on imposing a penalty mentioned in Sr. No. (q), [®] and (s) of the table under rule V.12(2) shall lie with a committee comprising as mentioned below:
 - a) The Vice-Chancellor
 - b) All Deans of Faculties
 - c) One member to be nominated by the Syndicate.
 - d) The Registrar shall be the Secretary of the Committee.
3. No appeal shall lie against a decision of an authority imposing a penalty other than that mentioned in Rule F.15(1) of these rules except on the ground that such authority has imposed a penalty which it was not competent to impose.
4. An appeal on the ground that an authority has imposed a penalty, which it was not competent to impose, shall lie to the Vice-Chancellor.
5. No appeal by a student under sub rule (1) or sub rule (4) of this rule shall be entertained, unless it is presented within fifteen days from the date on which the decision is communicated to him, provided that the Vice-Chancellor may, for valid reasons, extend this period up to thirty days.
17. The Vice-Chancellor or any teacher or officer to whom the Vice-Chancellor may delegate his powers, may direct a student to pay compensation for any loss, or damage to property belonging to the University or to a fellow student or to an employee of the University caused by a willful act or gross negligence of the student and if the student does not pay such compensation within a time to be specified, the Vice-Chancellor may expel him from the University and loss/ damage/compensation be recovered from his parents/guardians through legal proceedings.

18. Code of honour for University Transport:
 - a) An individual traveling in the university bus must respect the elders and be polite to all especially female students, women, children, old people, the weak and the helpless.
 - b) All the students must respect the teachers and others in authority in the university.
 - c) Playing music, singing songs, use of vulgar language, card playing, fooling, passing remarks using nick names, smoking, playing music on the mobiles, are prohibited.
 - d) Hanging with door of buses is prohibited.
 - e) Forcing driver/cleaner for undue delay, stoppage, changing route is prohibited.
 - f) All individuals traveling in the bus must cooperate with the driver/cleaner.
 - g) For complaints/ suggestions regarding transport contact Chairman Transport/ DSA.

19. Policy to deal discipline cases in the University bus:
 - a) Any eventuality occurring in the University bus will be immediately reported by the concerned driver/cleaner to the Chairman Transport through transport officer/office in writing. Failing to do so action will be taken against them as per Examination and Discipline rules of the university.
 - b) Keeping in view the gravity of the problem the Chairman Transport will serve first and second notice to deal the indiscipline during the bus routes. In acute circumstances the discipline committee empowers the following committee to deal the indiscipline problems in University bus:
 - i) Chairman Discipline Committee
 - ii) Director Student Affairs
 - iii) Chairman Transport Committee

Part-VI. Hostel Facility

1. Limited hostel accommodation is available for male students only.
2. Accommodation to all male students of 1st year will be provided by the university, however only limited accommodation will be available on merit for other students.
3. A casual student or a student involved in any act of misconduct, indiscipline, violation of rules or involvement in any political and objectionable activities shall be ineligible for hostel accommodation.
4. If the attendance of a student is short, his hostel allotment shall be cancelled.
5. He may apply for fresh allotment after the next semester if his attendance is up to the mark at that time.
6. A student shall not occupy a room without due allotment. He shall not transfer it to any other person, nor exchange it with another student without permission of the Senior Warden.
7. The furniture assigned to a room shall not be shifted from it. A resident shall be responsible for the articles issued to him and shall return them to the hostel authorities when leaving the room or hostel. He shall be responsible for making good, any loss or damage to these articles.

8. A resident who breaks or damages any University property shall have to pay the cost of the articles, in addition to any disciplinary action that may be taken against him.
9. The residents shall not tamper with the room fittings, nor shall they get the doors fitted with internal locks.
10. A room or any part of the hostel premises shall not be used as an office, reading room, library or for any other similar purpose by a political, religious, regional or sectarian body of the students.
11. The residents shall not leave lights, fans or other appliances ON when the rooms are not in use.
12. The use of electric heaters and air coolers is strictly prohibited in the halls of residence. In case of violation, the appliance/device shall be confiscated.
13. The residents are not allowed to use air conditioners, refrigerators, ovens or similar electrical appliances. A student who violates this restriction will be liable to punishment under rules of discipline, and shall also pay the cost of any damages to the wiring or other fittings, which will be determined by the Senior Warden.
14. The residents are advised in their own interest, not to keep in their rooms cash or valuable articles.
15. The residents shall be responsible for keeping their rooms tidy and clean. They shall not dispose off litter in the verandahs or other parts of the hostel premises.
16. Smoking is strictly prohibited in the hostel premises.
17. Every part of the hostel shall be opened to the hostel authorities for inspection at any time during day or night.
18. The residents are not allowed to wear immodest dress in the hostel.
19. The residents shall not keep in the hostel any fire arms or other weapons, even if licensed. Violation of this rule shall render a resident liable to expulsion from the University.
20. A resident shall not indulge in any amusement, which is likely to cause nuisance to others. Loudspeakers, woofers and other instruments causing disturbance too the resident students are not allowed in the hostel premises. In case of violation, the appliance/device shall be confiscated.
21. Any religious ceremony likely to injure the sentiments of other residents shall not be performed in the hostel.
22. The residents are not allowed to gamble or to use any into xi cant sand narcotics. Violation of this restriction shall render a resident liable to expulsion from the University hostel, in addition to any criminal proceedings that may be instituted against him under the Penal Law of Pakistan.
23. The resident students shall not be allowed to accommodate anybody else with them. In case an unauthorized person or a non-student is found residing in any room of the hostel, strict disciplinary action shall be taken against the resident students concerned which may result into immediate expulsion from the hostel.
24. Wall chalking, displaying of un-approved posters, pasting of unauthorized notices etc. in the hostels as well as in the university premises is strictly prohibited. The students involved in such activities shall be punished in accordance with the University Discipline Rules.
25. The students are not allowed to form and/ or join any unauthorized society, association or group etc. in the hostels as well as in the university on regional, political and sectarian basis. The students showing affiliation with such associations will be dealt in accordance with the University Students Discipline Rules. Unauthorized gathering, arrangement of parties and tours etc. and collection of donations by the students is also strictly prohibited in the hostels as well as in the university premises.
26. Students will have to vacate the hostel accommodation within a week of the expiry of the final semester regular examination
27. The Senior Warden may cancel the allotment of a student who violates the Students Discipline Rules of the University.
28. The resident students must respect every one specially the elders and the hostel staff. If he/she humiliates or causes to humiliate any one, strict disciplinary action shall be taken against him besides cancellation of hostel allotment.