

# PROSPECTUS 2022



**MIR CHAKAR KHAN RIND**  
**UNIVERSITY OF TECHNOLOGY**  
**Dera Ghazi Khan**

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## About the University

Government College of Technology, DG Khan was established in 1989 in the outskirts of Dera Ghazi Khan city. This college has been providing associate engineers in the field of Civil, Electrical, Mechanical, Petroleum, Petrochemical, Chemical, and Electronics, and Computer Information Technology, for the private and government institutions and industries across the country. However, there was no institution for engineering and technology education in this area. Keeping in view the present day and future needs of technology education and in order to uplift Dera Ghazi Khan city and close by areas, the Govt. College of Technology was upgraded to Mir Chakar Khan Rind University of Technology, Dera Ghazi Khan by the Government of Punjab vide ACT X of 2019 and was notified on 28<sup>th</sup> February, 2019.

Mir Chakar Khan Rind University of Technology (MCUT) is a public sector technology university providing higher education in various disciplines of engineering technology. It is necessary in public interest to make provisions for the establishment of Mir Chakar Khan Rind University of Technology in Dera Ghazi Khan to promote research and development. The increased research and development in the area would produce high quality technical human resource to cope with the present day requirements of our nation.

Mir Chakar Khan Rind University of Technology is currently offering 6 undergraduate programs. The statutory bodies of the university have been notified during this year and their meetings were held in order to facilitate the smooth working of the university. These bodies include syndicate, academic council, finance and planning committee and boards of studies for all programs. The statutes of the university have also been finalized and forwarded to the competent authority for approval.

The worthy vice chancellor of the university, Prof. Dr. Mahmood Saleem believes in strengthening of institutional linkages to synergize the efforts in areas of mutual interest. Therefore, university is striving to develop linkages with academic as well as industrial institutions. In continuation of these efforts, memoranda of understanding were signed with seven technical universities of Pakistan this year. The university is also engaged in correspondence with various industrial institutions to sign memoranda of understanding.

The students are the mainstream any university and universities are always focused on the wellbeing of the students. In order to accommodate the classes of degree programs, the old boys hostel was repaired, repainted and transformed into an academic block. In order to provide conducive learning environment in the university, university grounds were also renovated to encourage sports activities among the students.

MCUT is situated in the low income region and therefore, bright students are often unable to afford higher education. Therefore, in order to support brilliant needy students, university is offering various scholarships. The available scholarships include University Merit Scholarship, Ahsas Scholarship and Diya Foundation Scholarship.

The worthy vice chancellor along with his team is also making tiring efforts to achieve financial aid to develop the university infrastructure. This will include academic blocks, undergraduate and post graduate laboratories, student hostels, play grounds and teachers' accommodation.

Despite limited resources, the university is striving to contribute in strengthening the research culture in Pakistan. In perpetuation of these efforts, university organized 1<sup>st</sup> International Conference on Sciences, Engineering & Technology (ICSET-2021) this year on 18<sup>th</sup> March. The university also organized the 2<sup>nd</sup> International Conference on 10<sup>th</sup> & 11<sup>th</sup> March 2022.

The university plans to organize a number of events in the coming year which include Sports gala, Science Mela, and Cultural Festival. University will also organize talks with leading entrepreneurs to guide students about the entrepreneurship opportunities after completion of their studies.

The worthy vice chancellor is determined to transform Mir Chakar Khan Rind University of Technology into a world class institution of technology education and innovation.

## Message from the Vice-Chancellor

I believe that Mir Chakar Khan Rind University of Technology, being the only institute of technology education in this region, is a great blessing for the people of Dera Ghazi Khan and the adjacent areas. The very existence of this institution has provided the students of this educationally scant area the opportunity to have an access to modern scientific knowledge which will enable them to cope with the challenges posed by the modern world. The University will contribute significantly to the socio-economic development of the region. All its programs are recognized by HEC and relevant Accreditation Bodies.

**Prof. Dr. Mahmood Saleem**



## **University Vision and Mission**

### **UNIVERSITY VISION**

To be a leading state of the art university in the field of advanced technologies that may cater the current and futuristic demands of the country to meet the local and regional challenges.

### **UNIVERSITY MISSION**

To provide quality education, creative research environment, serve the community, building the nation and knowledge based economy through learning, Innovation, and optimal use of the cutting-edge technology.

# **Chapter 1**

## **Faculties and Departments**

A significant restructuring, merging, reconstituting and renaming various departments and faculties was carried out. This resulted in four (4) faculties which consisted of twelve (13) departments from which a total of 20 programs were approved to be offered. The details of these departments is as following:

### 1. Faculty of Computing, Electrical, and Information Technology

- Department of Computing and Information Technology
  - **B.Sc. Information Engineering Technology**
  - **BS Computer Science**
- Department of Artificial Intelligence (AI) and Internet of Things (Io T)
  - **B.Sc. Artificial Intelligence\***
  - **B.Sc. Software Engineering Technology\***
- Department of Electrical and Electronics Technology
  - **B.Sc. Electrical Engineering Technology**
  - **B.Sc. Industrial Automation Engineering Technology\***

### 2. Faculty of Civil, Mechanical and Environmental Technology

- Department of Civil Technology
  - **B.Sc. Civil Engineering Technology**
- Department of Mechanical and Machinery Technology
  - **B.Sc. Mechanical Engineering Technology**
- Department of Environment Technology
  - **B.Sc. Environmental Engineering Technology\***

### 3. Faculty of Chemical, Bio, and Energy Technology

- Department of Chemical, Petroleum, and Petro-Chemical Technology
  - **B.Sc. Chemical Engineering Technology**
  - **B.Sc. Petroleum Engineering Technology**
  - **B.Sc. Occupational Safety and Health Engineering Technology\***
- Department of Bio-Technology
  - **B.Sc. Bio-Technology\***
  - **B.Sc. Biomedical Engineering Technology\***
- Department of Energy Technology
  - **B.Sc. Energy Engineering Technology\***

### 4. Faculty of Business, Science and Humanities

- Department of Physics
  - **BS Physics\***
- Department of Chemistry
  - **BS Chemistry\***
- Department of Mathematics
  - **BS Mathematics\***
- Department of Business and Entrepreneurship
  - **BBA\***

\*Programs will be offered in future

**Faculty of Computing, Electrical,  
and Information Technology**

**Department of Computing and  
Information Technology**

# Chapter 1

## Faculties and Departments

### 1.1. Faculty of Computing, Electrical, and Information Technology

#### 1.1.1. Department of Computing and Information Technology

##### Faculty

Muhammad Saleem Ullah Tariq In-charge / Instructor	Masood Akhtar In-charge IT Support Center / Instructor
Abid Hussain Instructor	Mr. Ali Imran Visiting Lecturer
Engr. Abdul Manan Visiting Lecturer	Danial Ahmad Visiting Lecturer
Mr. Ishfaq Ahmad Visiting Lecturer	Miss. Saima Iqbal Visiting Lecturer
Miss. Sehrish Zafar Visiting Lecturer	

### Academic Programs

#### B.Sc. Information Engineering Technology

1 <sup>st</sup> Semester						
Course code	Course title	Nature	Credit Hrs.		Weekly contact hours	
			Th.	Pr.	Th.	Pr.
<b>ICT-113</b>	Introduction to ICT	Technical	2	1	2	3
<b>IET-134</b>	Programming Fundamental	Technical	2	2	2	6
<b>IEH-113</b>	English Composition & Comprehension	Humanities	3	0	3	0
<b>IES-113</b>	Calculus & Analytical Geometry	Natural Sciences	3	0	3	0
<b>IET-153</b>	Basic Electronics	Technical	2	1	2	3
<b>IEH-132</b>	Islamic studies	Humanities	2	0	2	0
<b>Total</b>			14	4	14	12
<b>Total cr. Hours</b>			14 + 4 = 18		14 + 12 = 26	

2 <sup>nd</sup> Semester						
Course Code	Course Title	Nature	Credit Hrs.		Weekly Contact Hours	
			Th.	Pr.	Th.	Pr.
<b>IET-124</b>	Object Oriented Programming	Technical	2	2	2	6
<b>IET-143</b>	Data Structure	Technical	3	0	2	0
<b>IES-123</b>	Linear Algebra And Differential Equations	Natural Sciences	3	0	3	0
<b>IET-163</b>	Electronics Devices And Circuits	Technical	2	1	3	3
<b>IEM-122</b>	Fundamental Of Economics & Management	Management	2	0	2	0
<b>IEH-122</b>	Pakistan Studies	Humanities	2	0	2	0
<b>Quran-200</b>	Quran Translation	Humanities	0	1	0	3
<b>Total</b>			14	4	14	12
<b>Total Cr. Hours</b>			14 + 4 = 18		14 + 12 = 26	

3 <sup>rd</sup> Semester						
Course Code	Course Title	Nature	Credit Hrs.		Weekly Contact Hours	
			Th.	Pr.	Th.	Pr.
<b>IEH-212</b>	Communication & Presentation Skills	Humanities	2	0	2	0
<b>IET-214</b>	Data Structure & Algorithm	Technical	2	2	2	6
<b>IET-234</b>	Digital Logic Design	Technical	3	1	3	3
<b>IES-213</b>	Probability And Statistics	Natural Sciences	3	0	3	0
<b>IET-254</b>	Data Communication & Computer Networks	Technical	3	1	3	3
<b>Total</b>			13	4	13	12
<b>Total Cr. Hours</b>			13 + 4 = 17		13 + 12 = 25	

4 <sup>th</sup> Semester						
Course Code	Course Title	Nature	Credit Hrs.		Weekly Contact Hours	
			Th.	Pr.	Th.	Pr.
<b>IET-223</b>	Operating System	Technical	2	1	2	3
<b>IEM-202</b>	IET Project Management	Technical	2	0	2	0
<b>IET-242</b>	Software Engineering	Technical	2	0	2	0
<b>IET-264</b>	Database System	Technical	3	1	3	3
<b>IET-283</b>	Microprocessor Based System & Interfacing	Technical	2	1	2	3
<b>IET-203</b>	Visual Programming	Technical	2	1	2	3
<b>Quran-400</b>	Quran Translation	Humanities	0	1	0	3
<b>Total</b>			13	4	13	15
<b>Total Cr. Hours</b>			13 + 5 = 18		13 + 15 = 28	

5 <sup>th</sup> Semester						
Course Code	Course Title	Nature	Credit Hrs.		Weekly Contact Hours	
			Th.	Pr.	Th.	Pr.
<b>IEH-312</b>	Social Science (Foreign Language/Modern Spoken English/Chinese)	Humanities	2-0	0	2	0
<b>IET-314</b>	Artificial Intelligence And Optimization	Technical	3-1	1	3	3
<b>IEM-313</b>	Entrepreneurship	Management	3-0	0	3	0
<b>IET-343</b>	System And Network Administration	Technical	2-2	2	2	6
<b>IET-354</b>	Web Programming	Technical	3-1	1	3	3
<b>Quran-600</b>	Quran Translation	Humanities	0	1	0	3
<b>Total</b>			13	5	13	15
<b>Total Cr. Hours</b>			13 + 5 = 18		13 + 15 = 28	

6 <sup>th</sup> Semester						
Course Code	Course Title	Nature	Credit Hrs.		Weekly Contact Hours	
			Th.	Pr.	Th.	Pr.
<b>IEM-323</b>	Digital Marketing	Technical	3	0	3	0
<b>IET-324</b>	Data Analytics And Machine Learning	Technical	2	2	2	6
<b>IET-343</b>	Cyber Security	Technical	3	0	3	0
<b>IET-363</b>	Cloud Computing & IOT	Technical	3	0	3	0
<b>IET-383</b>	Final Project	Technical	0	3	0	9
<b>Quran-800</b>	Quran Translation	Humanities	0	1	0	3
<b>Total</b>			11	6	11	18
<b>Total Cr. Hours</b>			11 + 6 = 17		11 + 18 = 29	

7 <sup>th</sup> Semester	
Credit Hrs.	
<b>Supervised Industrial Training</b>	16

8 <sup>th</sup> Semester	
Credit Hrs.	
<b>Supervised Industrial Training</b>	16

## BS Computer Science

Semester 1						
Course code	Course title	Nature	Credit Hrs.		Weekly Contact hours	
			Th.	Pr.	Th.	Pr.
<b>CSG-112</b>	Islamic Studies	General -1	2	0	2	<b>0</b>
<b>CSG-133</b>	English Comprehension & Composition	General-2	3	0	3	<b>0</b>
<b>CSF-113</b>	Calculus & Analytical Geometry	Foundation-1	3	0	3	<b>0</b>
<b>CSF-133</b>	Applied Physics	Foundation-2	2	1	2	<b>3</b>
<b>CCC-114</b>	Programming Fundamentals	Comp Core-1	3	1	3	<b>3</b>
<b>CSG-153</b>	Introduction to ICT	General-3	2	1	2	<b>3</b>
<b>Total Cr. Hours</b>			<b>18</b>			

Semester 2						
Course Code	Course Title	Nature	Credit Hrs.		Weekly Contact Hours	
			Th.	Pr.	Th.	Pr.
<b>CSG-122</b>	Pakistan Studies	General-4	2	0	2	<b>0</b>
<b>CSG-143</b>	Communication & Presentation Skills	General-5	3	0	3	<b>0</b>
<b>CSC-124</b>	Digital Logic Design	CS Core-1	3	1	3	<b>3</b>
<b>CSF-123</b>	Probability & Statistics	Foundation-3	3	0	3	<b>0</b>
<b>CCC-124</b>	Object Oriented Programming	Comp Core-2	3	1	3	<b>3</b>
<b>CSQ-121</b>	Quran Translation	QT-1	1	0	3	<b>0</b>
<b>Total Cr. Hours</b>			<b>17</b>			

Semester 3						
Course Code	Course Title	Nature	Credit Hrs.		Weekly Contact Hours	
			Th.	Pr.	Th.	Pr.
<b>CSG-213</b>	Professional Practices	General-6	3	0	3	<b>0</b>
<b>CCC-213</b>	Discrete Structures	Comp Core-2	3	0	3	<b>0</b>
<b>CSC-214</b>	Computer Organization & Assembly Language	CS Core-2	3	1	3	<b>3</b>
<b>CCC-234</b>	Data Structures & Algorithms	Comp Core-3	3	1	3	<b>3</b>
<b>CSS-213</b>	Computer Science Supporting-1	CS Support-1	3	0	3	<b>0</b>
<b>Total Cr. Hours</b>			<b>17</b>			

Semester 4						
Course Code	Course Title	Nature	Credit Hrs.		Weekly Contact Hours	
			Th.	Pr.	Th.	Pr.
<b>CSC-223</b>	Design & Analysis of Algorithms	CS Core-3	3	0	3	<b>0</b>
<b>CSC-243</b>	Theory of Automata	CS Core-4	3	0	3	<b>0</b>
<b>CCC-224</b>	Database Systems	Comp Core-4	3	1	3	<b>3</b>
<b>CSF-223</b>	Linear Algebra	Foundation-4	3	0	3	<b>0</b>
<b>CSQ-221</b>	Quran Translation	QT-2	1	0	1	<b>0</b>
<b>CUE-223</b>	Financial Accounting	Uni Elective-1	3	0	3	<b>0</b>
<b>Total Cr. Hours</b>			<b>17</b>			

Semester 5						
Course Code	Course Title	Nature	Credit Hrs.		Weekly Contact Hours	
			Th.	Pr.	Th.	Pr.
<b>CSC-313</b>	Compiler Construction	CS Core-5	3	0	3	<b>0</b>
<b>CCC-314</b>	Operating System	Comp Core-5	3	1	3	<b>3</b>
<b>CCC-323</b>	Software Engineering	Comp	3	0	3	<b>0</b>
		Core-6				
<b>CSS-313</b>	Computer Science Supporting-2	CS Support-2	3	0	3	<b>0</b>
<b>CSS-333</b>	Computer Science Supporting-3	CS Support-3	3	0	3	<b>0</b>
<b>Total</b>			<b>16</b>			

Semester 6						
Course Code	Course Title	Nature	Credit Hrs.		Weekly Contact Hours	
			Th.	Pr.	Th.	Pr.
<b>CSG-323</b>	Technical & Business Writing	General-7	3	0	3	<b>0</b>
<b>CSC-324</b>	Artificial Intelligence	CS Core-6	3	1	3	<b>3</b>
<b>CCC-344</b>	Computer Networks	Comp Core-7	3	1	3	<b>3</b>
<b>CSQ-321</b>	Quran Translation	QT-3	1	0	1	<b>0</b>
<b>CSE-323</b>	Computer Science Elective-1	CS Elective-1	3			
<b>CSE-343</b>	Computer Science Elective-2	CS Elective-2	3			
<b>Total</b>			<b>18</b>			

Semester 7						
Course Code	Course Title	Nature	Credit Hrs.		Weekly Contact Hours	
			Th.	Pr.	Th.	Pr.
<b>CCP-413</b>	Final Project Phase 1	Comp Core-8	0	3	0	<b>9</b>
<b>CSC-413</b>	Parallel & Distributed Computing	CS Core-7	3	0	3	<b>0</b>
<b>CSE-413</b>	Computer Science Elective-3	CS Elective-3	3			
<b>CSE-433</b>	Computer Science Elective-4	CS Elective-4	3			
<b>CUE-414</b>	Management Information System	Uni Elective-2	3	1	2	<b>3</b>
<b>Total Cr. Hours</b>			<b>16</b>			

Semester 8						
Course Code	Course Title	Nature	Credit Hrs.		Weekly Contact Hours	
			Th.	Pr.	Th.	Pr.
<b>CCP-423</b>	Final Project Phase -II	Comp Core-8	0	3	0	<b>9</b>
<b>CCC-423</b>	Information Security	Comp Core-9	3	0	3	<b>0</b>
<b>CSQ-421</b>	Quran Translation	QT-4	1	0	1	<b>0</b>
<b>CSE-424</b>	Computer Science Elective-5	CS Elective-5	3			
<b>CUE-423</b>	Entrepreneurship	Uni Elective-3	3			
<b>CUE-442</b>	Foreign Language	Uni Elective-4	2	0	2	<b>0</b>
<b>Total Cr. Hours</b>			<b>15</b>			

Computer Science Elective Courses Can be From the Following List:

Sr.	Course Title	Sr.	Course Title
1	Agent Based Software Engineering	23	Multimedia Communications
2	Big Data Analytics	24	Natural Language Processing
3	Business Process Engineering	25	Object Oriented Analysis and Design
4	Signal Processing	26	Operations Research
5	Computer Graphics	27	Real Time Systems
6	Computer Vision	28	Semantic Web
7	Cyber Security	29	Simulation and Modeling
8	Data Encryption and Security	30	Software Construction & Development
9	Database Administration and Management	31	Software Design & Architecture
10	Machine Learning	32	Cyber Security
11	Digital Image Processing	33	Robotics
12	E-Commerce	34	Software Project Management
13	Enterprise Systems	35	Software Quality Engineering
14	Formal Methods in Software Engineering	36	Software Re-Engineering
15	Global Software Development	37	Software Requirements Engineering
16	Human Computer Interaction	38	Stochastic Processes
17	Information Systems Audit	39	Internet Of Things
18	Information Technology Project Management	40	Systems Programming
19	Cloud Computing	41	Virtual Systems and Services
20	IT Infrastructure	42	Visual Programming
21	Logical Paradigms of Computing	43	Web Engineering
22	Mobile Application Development	44	Web Technologies

**Faculty of Computing, Electrical, and  
Information Technology**

**Department of Electrical and Electronics  
Technology**

## 1.2. Department of Electrical and Electronics Technology

### Faculty

Engr. Shahzad Yousaf Incharge / Instructor	Zahid Hussain Instructor
Dr. Attiq -Ur- Rehman Visiting Lecturer	Dr. Mahnoor Shahzadi Visiting Lecturer
Engr. Zunaira Waseer Visiting Lecturer	Sadaf Afreen Visiting Lecturer

### Academic Programs

#### B.Sc. Electrical Engineering Technology

1 <sup>st</sup> Semester							
Sr No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Th.	Pr.	Th.	Pr.
1	EH-112	Islamic Studies /Professional Ethics	Humanities	2	0	2	0
2	ES-113	Applied Mathematics-I	Natural Science/Math	3	0	3	0
3	ES-123	Applied Physics	Natural Science/Physics	2	1	2	3
4	ET-114	Linear Circuits Analysis	Major based Breadth	2	1	2	3
5	ET-123	Engineering Drawing	Engineering Foundation	1	2	1	6
6	ES-133	Introduction toComputer Fundamentals	Computer Science	1	2	1	6
Total				11	06	11	18
Grand Total				11 + 06 = 17		11 + 18 = 29	

2 <sup>nd</sup> Semester							
Sr No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Th.	Pr.	Th.	Pr.
1	EH-123	Communication Skills	Humanities	3	0	3	0
2	EH-132	Pakistan Studies	Humanities	2	0	2	0
3	ET-134	Electronics	Electrical Eng.	2	2	2	6
4	ET-143	Basic Mechanical Technology	Engineering Foundation	2	1	2	3
5	ES-143	Applied Mathematics-II	Natural Science/Math	3	0	3	0
6	ET-153	Electrical Machines-I	Electrical Eng.	2	1	2	3
7	QT-I	Quran Translation-I	Humanities	0	1	0	3
<b>Total</b>				14	05	15	15
<b>Grand Total</b>				14 + 05 = 19		15 + 15 = 30	

3 <sup>rd</sup> Semester							
Sr No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Th.	Pr.	Th.	Pr.
1	ET-212	Power Generation Systems	Engineering Foundation	2	0	2	
2	EH-213	Technical Report Writing	Humanities/English	3	0	3	0
3	ET-224	Electrical Instruments and Measurements	Electrical Eng.	2	2	2	6
4	ET-234	Electrical Machines-II	Electrical Eng.	2	2	2	6
5	ET-244	Digital Electronics	Electrical Eng.	2	2	2	6
<b>Total</b>				11	06	11	18
<b>Grand Total</b>				11 + 06 = 17		11 + 18 = 29	

4 <sup>th</sup> Semester							
Sr No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Th.	Pr.	Th.	Pr.
1	ET-254	AC Circuits Analysis	Electrical Eng.	2	2	2	6
2	ET-262	Electro-Magnetic Fields	Electrical Eng.	2	0	2	0
3	ET-273	Electrical Power Transmission	Electrical Eng.	2	1	2	3
4	ET-283	Electrical Power Distribution and Utilization	Electrical Eng.	2	1	2	3
5	ET-294	Power Electronics	Electrical Eng.	2	2	2	6
6	QT-II	Quran Translation-II	Humanities	0	1	0	3
<b>Total</b>				10	07	10	21
<b>Grand Total</b>				10 + 07 = 17		10 + 21 = 31	

5 <sup>th</sup> Semester							
Sr. No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Th.	Pr.	Th.	Pr.
1	ET-313	Micro-Processor Theory & Interfacing	Electrical Eng.	2	1	2	3
2	ET-323	Switch Gear & Protective Devices	Electrical Eng.	2	1	2	3
3	ET-334	Communications Technology	Electrical Eng.	2	2	2	6
4	ET-343	Control Technology	Electrical Eng.	2	1	2	3
5	EM-312	Total Quality Management	Management Science	2	0	2	0
6	ET-353	High Voltage Technology	Electrical Eng.	2	1	2	3
7	QT-III	Quran Translation-III	Humanities	0	1	0	0
<b>Total</b>				12	07	12	21
<b>Grand Total</b>				12 + 07 = 19		12 + 21 = 33	

6 <sup>th</sup> Semester							
Sr No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Th.	Pr.	Th.	Pr.
1	EM-323	Project Management	Electrical Eng.	3	0	3	0
2	ET-362	Power System Analysis	Electrical Eng.	2	0	2	0
3	ET-374	Data & Computer Communication	Electrical Eng.	2	2	2	6
4	ET-384	Industrial Drives& PLC	Electrical Eng.	2	2	2	6
5	ET-393	Project	Electrical Eng.	0	3	0	9
6	QT-IV	Quran Translation-IV	Humanities	0	1	0	3
<b>Total</b>				09	08	09	24
<b>Grand Total</b>				09 + 08 = 17		09 + 24 = 33	

6 <sup>th</sup> Semester Summer Project Work						
Sr No	Course Code	Subject	Credit Hours		Weekly Contact Hours	
			Th.	Pr.	Th.	Pr.
1	ET-3103	Project (Continue)	0	03	0	09
Total			00	03	00	09
Grand Total			00 + 03 = 03		00 + 09 = 09	

7 <sup>th</sup> Semester						
Sr No	Course Code	Subject	Credit Hours		Weekly Contact Hours	
			Th.	Pr.	Th.	Pr.
1	ET-4116	16 Weeks Supervised Industrial /Field Training (8×5=40Hrs / Week)	0	16	0	640
<b>Total</b>			00	16	00	640
<b>Grand Total</b>			00 + 16 = 16		00 + 640 = 640	

8 <sup>th</sup> Semester						
Sr No	Course Code	Subject	Credit Hours		Weekly Contact Hours	
			Th.	Pr.	Th.	Pr.
1	ET-4216	16 Weeks Supervised Industrial /Field Training (8×5=40Hrs / Week)	0	16	0	640
<b>Total</b>			00	16	00	640
<b>Grand Total</b>			00 + 16 = 16		00 + 640 = 640	

# **Faculty of Civil, Mechanical and Environmental Technology**

**Department of Civil Technology**

### 1.3. Faculty of Civil, Mechanical and Environmental Technology

#### 1.3.1. Department of Civil Technology

##### Faculty

Engr. Atifa Batool Instructor (Incharge Department)	Mazhar Saleem Instructor
Engr. Muhammad Kashif Visiting Lecturer	Engr. Muhammad Zubair Mirza Visiting Lecturer

##### 1.3.1.1 Academic Programs

##### B.Sc. Civil Engineering Technology

##### Scheme of Studies

1 <sup>st</sup> Semester							
Sr. No.	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Th.	Pr.	Th.	Pr.
1	CH-112	Islamic Studies / Professional Ethics	Humanities	2	0	2	0
2	CS-113	Applied Mathematics-I	Natural Sciences	3	0	3	0
3	CS-123	Introduction to Computer Fundamentals	Computer Science	1	2	1	6
4	CT-113	Civil Engineering Drawing	Engineering Foundation	1	2	1	6
5	CT-124	Surveying	Engineering Foundation	2	2	2	6
6	CM-112	Occupational Health & safety Management	Management Science	2	0	2	0
Total				11	06	11	18
Grand Total				11+06 = 17		11+18 = 29	

2 <sup>nd</sup> Semester							
Sr No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Th.	Pr.	Th.	Pr.
1	CT-134	Concrete Technology	Engineering Foundation	2	2	2	6
2	CH-123	Communication Skills	Humanities / English	3	0	3	0
3	CT-144	Applied Mechanics	Engineering Foundation	2	2	2	6
4	CT-154	Materials and Methods of Construction	Engineering Foundation	2	2	2	6
5	CS-133	Applied Mathematics -II	Natural Science	3	0	3	0
<b>Total</b>				12	06	12	18
<b>Grand Total</b>				<b>12+06 = 18</b>		<b>12+18 = 30</b>	

3 <sup>rd</sup> Semester							
S No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Th.	Pr.	Th.	Pr.
1	CT-212	Introduction to Architecture and Town Planning	Engineering Foundation	2	0	2	0
2	CH-212	Pakistan Studies	Humanities	2	0	2	0
2	CT-223	Quantity Surveying and Contract Documents	Engineering Foundation	1	2	1	6
3	CT-233	Soil Mechanics	Major	2	1	2	3
4	CT-243	Fluid Mechanics	Major	2	1	2	3
5	CT-254	Mechanics of Solids	Major	2	2	2	6
<b>Total</b>				11	06	09	18
<b>Grand Total</b>				<b>11+06 = 17</b>		<b>09+18 = 29</b>	

4th Semester							
Sr. No.	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Th.	Pr.	Th.	Pr.
1	CT-264	Transportation Engineering	Major based Breadth	2	2	2	6
2	CT-274	Water Supply & Waste Water Management	Major based Breadth	2	2	2	6
3	CM-213	Environmental Management	Management Sciences	2	1	2	3
4	CT-283	Theory of Structures	Major based Depth	2	1	2	3
5	CH-223	Technical Report Writing	Humanities /English	3	0	3	0
<b>Total</b>				11	06	11	18
<b>Grand Total</b>				<b>11+06 = 17</b>		<b>11+18 = 29</b>	

5 <sup>th</sup> Semester							
Sr. No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Th.	Pr.	Th.	Pr.
1	CT-313	Hydrology	Major based Breadth	2	1	2	3
2	CT-323	Reinforced Concrete Structures	Major based Breadth	2	1	2	3
3	CT-333	Construction and Hydraulic Machinery	Major based Depth	2	1	2	3
4	CT-343	Computer Aided Building Modeling and Design	Major based Depth	1	2	1	6
5	CT-353	Foundations Engineering	Major based Depth	2	1	2	3
6	CM-313	Project Management	Management Science	3	0	3	0
<b>Total</b>				12	06	12	18
<b>Grand Total</b>				<b>12+06 = 18</b>		<b>12+18 = 30</b>	

6 <sup>th</sup> Semester							
Sr. No	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Th.	Pr.	Th.	Pr.
1	CT-363	Pre-stressed & Precast concrete	Major based Breadth	2	1	2	3
2	CT-373	Geology & Earthquake Engineering	Major based Breadth	2	1	2	3
3	CT-383	Irrigation and Hydraulic Structures	Major based Breadth	2	1	2	3
4	CT-393	Steel Structures	Major based Breadth	2	1	2	3
5	CT- 103	Project	Major based Breadth	0	3	0	9
<b>Total</b>				08	07	08	21
<b>Grand Total</b>				<b>08+07 = 15</b>		<b>08+21 = 29</b>	

6 <sup>th</sup> Semester Summer Project Work						
S. No	Course Code	Subject	Credit Hours		Contact Hours	
			Th.	Pr.	Th.	Pr.
1	CT-3113	Project (Continue)	0	03	0	09
Grand Total			00+ 03 = 03		00 + 09 = 09	

7 <sup>th</sup> Semester						
S. No	Course Code	Subject	Credit Hours		Contact Hours	
			Th.	Pr.	Th.	Pr.
1	CT4116	16 Weeks Supervised Industrial / Field Training (8x5=40hrs / Week)	0	16	0	40x16 =640
<b>Total</b>			0	16	0	640
<b>Grand Total</b>			<b>0+ 16 = 16</b>		<b>00 + 640 = 640</b>	

8 <sup>th</sup> Semester						
S. No	Course Code	Subject	Credit Hours		Contact Hours	
			Th.	Pr.	Th.	Pr.
1	CT4216	16 Weeks Supervised Industrial /Field Training (8x5=40 hrs / Week)	0	16	0	40x16 =640
<b>Total</b>			0	16	0	640
<b>Grand Total</b>			<b>0+ 16 = 16</b>		<b>0+ 640 = 640</b>	

**Faculty of Civil, Mechanical and  
Environmental Technology**

**Department of Mechanical and  
Machine Technology**

### 1.3.2. Department of Mechanical Technology

#### Faculty

Engr. Muhammad Arif Gul Sr. Instructor (Incharge Department)	Mubashir Ali Buzdar Instructor
Engr. Muhammad Kashif Visiting Lecturer	Engr. Muhammad Zubair Mirza Visiting Lecturer

#### 1.3.2.1 Academic Programs

#### B.Sc. Mechanical Engineering Technology

##### Scheme of Studies

1 <sup>st</sup> Semester							
Sr. No.	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Th.	Pr.	Th.	Pr.
1	MH-112	Islamic Studies/ Professional Ethics	Humanities	2	0	2	0
2	MS-113	Applied Physics	Natural Science	2	1	2	3
3	MS-123	Applied Mathematics-I	Natural Science	3	0	3	0
4	MS-133	Applied Chemistry	Natural Science	2	1	2	3
5	MS-143	Introduction to Computer Fundamentals	Natural Science	1	2	1	6
6	MT-113	Workshop Technology	Engineering Foundation	1	2	1	6
Total				11	06	11	18
Grand Total				11+06=17		11+18 = 29	

2 <sup>nd</sup> Semester							
Sr. No.	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Th.	Pr.	Th.	Pr.
1	MS-153	Applied Mathematics-II	Natural Science	3	0	3	0
2	MH-122	Pakistan Studies	Humanities	2	0	2	0
3	MT-125	Engineering Drawing and CAD	Engineering Foundation	2	3	2	9
4	MH-131	Quran Translation	Humanities	1	0	1	0
5	MT-144	Basic Electrical & Electronics	Engineering Foundation	2	2	2	6
Total				10	05	10	15
Grand Total				10+05=15		10+15 = 25	

3 <sup>rd</sup> Semester							
Sr. No.	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Th.	Pr.	Th.	Pr.
1	MH-213	Communication Skills	Humanities	3	0	3	0
2	MH-231	Quran Translation	Humanities	1	0	1	0
3	MT-213	Industrial Materials	Engineering Foundation	2	1	2	3
4	MT-223	Mechanics of Materials	Engineering Foundation	2	1	2	3
5	MT-235	Applied Thermo-dynamics	Major based Breadth	3	2	3	6
6	MT-243	Engineering Statics	Major based Breadth	2	1	2	3
Total				13	05	13	15
Grand Total				13+05=18		13+15 = 28	

4 <sup>th</sup> Semester							
Sr. No.	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Th.	Pr.	Th.	Pr.
1	MT-253	Machine Design	Major based Breadth	3	0	3	0
2	MT-264	Fluid Mechanics	Major based Breadth	2	2	2	6
3	MT-273	Heat Transfer	Major based Breadth	2	1	2	3
4	MS-213	Probability and Statistics	Natural Science	3	0	3	0
5	MM-212	Total Quality Management	Management Science	2	0	2	0
6	MH-223	Technical Report Writing	Humanities	3	0	3	0
7	MH-321	Quran Translation	Humanities	1	0	1	0
Total				16	03	16	09
Grand Total				16+03=19		16+09 = 25	

5 <sup>th</sup> Semester							
Sr. No.	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Th.	Pr.	Th.	Pr.
1	MT-314	Power Plant Technology	Major based Depth	3	1	3	3
2	MT-324	IC ENGINE	Major based Depth	2	2	2	6
3	MT-333	Dynamics	Major based Depth	2	1	2	3
4	MT-343	Manufacturing Processing	Major based Depth	2	1	2	3
5	MM-313	Project Management	Management Science	3	0	3	0
6	MH-312	Economics	Humanities	2	0	2	0
7	MH-411	Quran Translation	Humanities	1	0	1	0
Total				15	05	15	15
Grand Total				15+05=20		15+15 = 30	

6 <sup>th</sup> Semester							
Sr. No.	Course Code	Subject	Nature	Credit Hours		Weekly Contact Hours	
				Th.	Pr.	Th.	Pr.
1	MT-353	Instrumentation and Control	Major based Depth	2	1	2	3
2	MT-363	Mechanical Vibration	Major based Depth	2	1	2	3
3	MT-373	Refrigeration & Air Conditioning	Major based Depth	2	1	2	3
4	MT-384	Construction Technology and Safety	Major based Depth	3	1	3	3
5	MT-393	Project	Major based Depth	0	3	0	9
Total				09	07	09	21
Grand Total				09+07=16		09+21 = 30	

6 <sup>th</sup> Semester Summer Project Work						
Sr. No.	Course Code	Subject	Credit Hours		Contact Hours	
			Th.	Pr.	Th.	Pr.
1	MT-3103	Project (Continue)	0	03	0	09
Grand Total			00+ 03 = 03		00 + 09 = 09	

7 <sup>th</sup> Semester						
Sr No	Course Code	Subject	Credit Hours		Weekly Contact Hours	
			Th.	Pr.	Th.	Pr.
1	MT-4116	16 Weeks Supervised Industrial /Field Training (8×5=40Hrs / Week)	0	16	0	40 × 16 = 640
<b>Total</b>			00	16	00	640
<b>Grand Total</b>			00 + 16 = 16		00 + 640 = 640	

8 <sup>th</sup> Semester						
Sr No	Course Code	Subject	Credit Hours		Weekly Contact Hours	
			Th.	Pr.	Th.	Pr.
1	MT-4216	16 Weeks Supervised Industrial /Field Training (8×5=40Hrs / Week)	0	16	0	40 × 16 = 640
<b>Total</b>			00	16	00	640
<b>Grand Total</b>			00 + 16 = 16		00 + 640 = 640	

**Faculty of Chemical, Bio and Energy  
Technology**

**Department of Chemical, Petroleum, and  
Petro-Chemical Technology**

## 1.4. Faculty of Chemical, Bio and Energy Technology

### 1.4.1. Department of Chemical, Petroleum, and Petro-Chemical Technology

#### Faculty

Engr. Safdar Hussain Incharge / Sr. Instructor	Engr. Abdullah Farrukh Instructor
Muzafar Alam Instructor	Muhammad Ismail Instructor
Muhammad Shahab Saqib Instructor	Amman ullah Instructor
Imran Khalid Instructor	Dr. Abdul Basit Visiting Lecturer
Dr. Sheraz Ahmad Visiting Lecturer	Dr. Waqas Aleem Visiting Lecturer
Shaheer Ahmad Khan Visiting Lecturer	Engr. Mansoor Shafiq Durrani Visiting Lecturer

## B. Sc. Chemical Engineering Technology

### Scheme of Studies

1 <sup>st</sup> Semester							
Sr. No.	Course Code	Subject	Nature	Weekly Contact Hrs.		Credit Hrs.	
				Th.	Pr.	Th.	Pr.
1	CHT-114	Applied Chemistry	Technical	3	3	3	1
2	CHS-113	Mathematics-I	Sciences	3	0	3	0
3	CHS-124	Mechanics- I	Sciences	3	3	3	1
4	CHS-133	Introduction to Computer Applications	Sciences	3	0	3	0
5	CHH-113	Functional English	Humanities	3	0	3	0
6	CHH-121	Quran With Translation	Humanities	1	0	1	0
<b>Total</b>				16	6	16	2
<b>Grand Total</b>				22		18	

## 2<sup>nd</sup> Semester

Sr. No.	Course Code	Subject	Nature	Weekly Contact Hrs.		Credit Hrs.	
				Th.	Pr.	Th.	Pr.
1	CHT-123	Industrial Materials	Technical	3	0	3	0
2	CHT-133	Electrical Technology	Technical	2	3	2	1
3	CHT-142	Workshop Practice	Technical	2	0	2	0
4	CHT-153	Technical Drawing	Technical	2	3	2	1
5	CHS-143	Mathematics-II	Sciences	3	0	3	0
6	CHH-132	Islamic Studies/Ethics	Humanities	2	0	2	0
7	CHH-142	Pakistan Studies	Humanities	2	0	2	0
<b>Total</b>				16	6	16	2
<b>Grand Total</b>				22		18	

## 3<sup>rd</sup> Semester

Sr. No.	Course Code	Subject	Nature	Weekly Contact Hrs.		Credit Hrs.	
				Th.	Pr.	Th.	Pr.
1	CHT-214	Particle Technology	Technical	3	3	3	1
2	CHT-223	Chemical Process Industries-I	Technical	3	0	3	0
3	CHT-233	Basic Process Calculation- I	Technical	3	0	3	0
4	CHT-243	Mechanical Separation Process	Technical	3	0	3	0
5	CHT-254	Mechanics of Materials	Technical	3	3	3	1
6	CHH-211	Quran With Translation	Humanities	1	0	1	0
<b>Total</b>				16	6	16	2
<b>Grand Total</b>				22		18	

#### 4<sup>th</sup> Semester

Sr. No.	Course Code	Subject	Nature	Weekly Contact Hrs.		Credit Hrs.	
				Th.	Pr.	Th.	Pr.
1	CHT-264	Fluid Flow Operations	Technical	3	3	3	1
2	CHT-274	Basic Thermodynamics	Technical	3	3	3	1
3	CHT-284	Fuels and Combustion	Technical	3	3	3	1
4	CHT-293	Food Process Engineering	Technical	3	0	3	0
5	CHH-223	Technical Report Writing	Humanities	3	0	3	0
<b>Total</b>				15	9	15	3
<b>Grand Total</b>				24		18	

#### 5<sup>th</sup> Semester

Sr. No.	Course Code	Subject	Nature	Weekly Contact Hrs.		Credit Hrs.	
				Th.	Pr.	Th.	Pr.
1	CHT-314	Mass Transfer Operations	Technical	3	3	3	1
2	CHT-324	Heat Transfer Operations	Technical	3	3	3	1
3	CHH-313	Safety, Health and Environment	Management	3	0	3	0
4	CHT-333	Renewable Energies	Technical	3	0	3	0
5	CHM-323	Engineering Management	Management	3	0	3	0
6	CHH-311	Quran With Translation	Humanities	1	0	1	0
<b>Total</b>				16	6	16	2
<b>Grand Total</b>				22		18	

6<sup>th</sup> Semester

Sr. No.	Course Code	Subject	Nature	Weekly Contact Hrs.		Credit Hrs.	
				Th.	Pr.	Th.	Pr.
1	CHT-344	Chemical Reactor Technology	Technical	3	3	3	1
2	CHT-353	Industrial Instrumentation	Technical	2	0	2	0
3	CHT-362	Process Plant Utilities	Technical	2	0	2	0
4	CHT-374	Chemical Process Design and Simulation	Technical	2	3	2	1
5	CHT-383	Project Design	Technical	0	18	0	6
6	CHH-321	Quran With Translation	Humanities	1	0	1	0
<b>Total</b>				10	24	10	08
<b>Grand Total</b>				33		18	

# 7<sup>th</sup> Semester

Sr. No.	Course Code	Subject	Nature	Weekly Contact Hrs.		Credit Hrs.	
				Th.	Pr.	Th.	Pr.
1	CHT-411	Seminar-I	Technical	0	3	0	1
2	CHT-421	Industrial Training-I	Technical	0	27	0	9
3	CHT-436	Industrial Training Report-I	Technical	0	18	0	6
<b>Grand Total</b>				48		16	

# 8<sup>th</sup> Semester

Sr. No.	Course Code	Subject	Nature	Weekly Contact Hrs.		Credit Hrs.	
				Th.	Pr.	Th.	Pr.
1	CHT-441	Seminar-II	Technical	0	3	0	1
2	CHT-451	Industrial Training-II	Technical	0	27	0	9
3	CHT-466	Industrial Training Report-II	Technical	0	18	0	6
<b>Grand Total</b>				48		16	

## **B.Sc. Petroleum Engineering Technology**

1 <sup>st</sup> Semester						
Sr. No	Course Code	Course Title	Lec CH	Lab. CH	Total CH	Total Contact hours
1	PG-101	Fundamentals of Petroleum Engineering	3	0	3	3
2	HU-101	Functional English	2	0	2	2
3	HU-102	Islamic Studies	2	0	2	2
4	PHY-103	Applied Physics	3	1	4	6
5	MA-104	Applied Mathematics- I	3	0	3	3
6	WS-105	Workshop Practices	0	2	2	6
	Total		13	3	16	22

2 <sup>nd</sup> Semester						
Sr. No	Course Code	Course Title	Lect. CH	Lab. CH	Total CH	Total Contact Hours
1	HU-106	Pakistan Studies	2	0	2	2
2	HU-111	Communication Skills	1	1	2	4
3	MA-109	Applied Mathematics- II	3	0	3	3
4	CHEM-108	Applied Chemistry	3	1	4	6
5	ME-110	Engineering Drawing	1	1	2	4
6	Geo-107	Applied Geology	3	1	4	6
7	QT-I	Quran Translation	1	0	1	1
	Total		14	4	18	26

3rd Semester						
Sr. No	Course Code	Course Title	Lect. CH	Lab. CH	Total CH	Total Contact Hours
1	Geo-212	Stratigraphy and Structural Geology	2	1	3	5
2	CS-213	Computer Programming and Software Operations	2	1	3	5
3	EE-214	Introduction to Electrical Engineering	2	1	3	5
4	MA-215	Applied Mathematics-III	3	0	3	3
5	CE-216	Fluid Mechanics	2	1	3	5
6	HU-217	Technical Writing and Presentation Skills	2	0	2	2
	Total		13	4	17	25

4th Semester						
Sr. No	Course Code	Course Title	Lect. CH	Lab. CH	Total Credits	Total Contact Hours
1	PG-202	Drilling Engineering-I	3	1	4	6
2	PG-203	Petroleum Geology and Geophysical Exploration	2	1	3	5
3	PG-204	Reservoir Engineering	3	1	4	6
4	Che-218	Applied Thermodynamics	2	1	3	5
5	CE-220	Mechanics of Materials	2	1	3	5
6	QT-II	Quran Translation-II	0	1	1	3
	Total		12	6	18	30

5 <sup>th</sup> Semester						
Sr. No	Course Code	Course Title	Lect. CH	Lab. CH	Total CH	Total Contact Hours
1	PG-305	Drilling Engineering, II	2	1	3	5
2	PG-306	Production Engineering	3	1	4	6
3	PG-307	Petrophysics and Well Logging Analysis	3	1	4	6
4	PG-308	Reservoir Geomechanics	2	0	2	2
5	CHE-325	Process Instrumentation and Control	2	1	3	5
6	Man-323	Environment and Safety Management	2	0	2	2
7	QT-III	Quran Translation-III	0	1	1	3
	Total		14	5	19	29

6 <sup>th</sup> Semester						
Sr. No	Course Code	Course Title	Lect. CH	Lab. CH	Total CH	Total Contact Hours
1	PG-309	Well Testing	2	1	3	5
2	PG-310	Principle of Enhanced Oil Recovery	2	1	3	5
3	PG-311	Reservoir Simulation	1	2	3	7
4	PG-312	Oil and Gas Processing	3	1	4	6
5	PG-313	Petroleum Economics	2	0	2	2
6	PG-314	Final Project Design	0	3	3	9
7	QT-IV	Quran Translation	1	0	1	1
	Total		11	8	19	35

7 <sup>th</sup> Semester					
Sr. N	Course Code	Course Title	Credit Hours		Total Hours      Contact
			Th.	Pr.	
1	PG-415	16 Weeks supervised Industrial field training (8×5=40Hrs/Week)	0	16	40×16=640
	Total		0	16	640

8 <sup>th</sup> Semester					
Sr. No	Course Code	Course Title	Credit Hours		Total Hours      Contact
			Th.	Pr.	
1	PG-415	16 Weeks supervised Industrial field training (8×5=40Hrs/Week)	0	16	40×16=640
	Total		0	16	640
	Total Credit Hours in all Semester				139

## **Chapter 2**

# **Institutional and Industrial Linkages**

## Chapter 2

### Institutional and Industrial Linkages

#### 2.1. Institutional Linkages

The vice chancellor MCUT is strong believer of synergizing and enhancing institutional linkages. In continuation of these efforts, memoranda of understanding were signed with seven (7) engineering and technology universities of Pakistan. The list of these universities is given in Table 2-1.

**Table 2-1: List of Signed Memoranda of Understanding**

S. No	MOU Signed with Institutions	Type
1	University of The Punjab, Lahore	National
2	Khawaja Farid University of Engineering And Information Technology, Rahim Yar Khan	National
3	Bahauddin Zakaria University, Multan	National
4	University of Engineering and Technology, Lahore	National
5	Muhammad Nawaz Sharif University of Engineering and Technology, Multan	National
6	Ghazi University, Dera Ghazi Khan	National
7	Punjab Tainjin University of Engineering & Technology, Lahore	National
8	Diya Pakistan Foundation Islamabad	National

#### 2.2. Industrial Linkages

The university continued its efforts to develop institutional linkages with industrial sector of Pakistan. the process of collaboration was started with numerous industries and worthy vice chancellor visited various industries to share the vision of the university. The list of industries visited by the university delegation is shown in Table 2-2.

**Table 2-2: Industries visited by the University delegates**

S. No	Industry Name
1	Indus Sugar Mills, Rajanpur
2	Pak Arab Refinery Limited (PARCO), Muzzafargarh
3	Sundar Industrial Estate, Lahore
4	Pak-Win Filter D. G. Khan
5	Al-Ghazi Tractor Factory, D. G. Khan
6	D. G. Cement, D. G. Khan
7	T. M. Rubber, Lahore
8	
9	
10	
11	
12	
13	

# **Chapter 3**

## **Facilities**

## Chapter 3

### Facilities

#### 3.1. University Scholarships

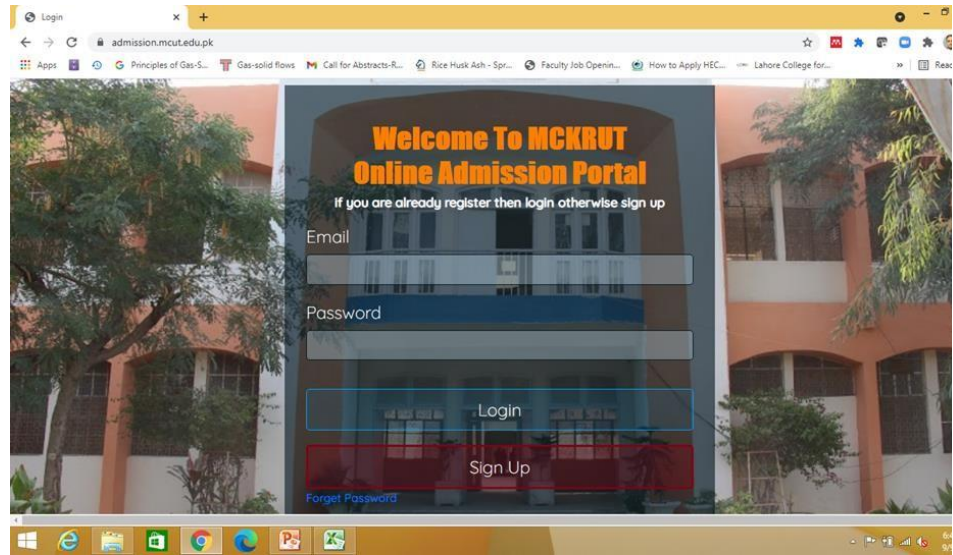
The university is located in the vicinity of low income population. Therefore, the university management is paying special attention in provision of various scholarships for the needy students of university. The university has also signed a memorandum of understanding with Diya Foundation Pakistan as well. The list of scholarships that university is currently offering is shown in Table 3-1.

**Table 3-1: Scholarships for students**

S. No	Scholarship / Institution Name		S. No	Scholarship / Institution Name	
9	University Merit Scholarship (MCUT)		2	Punjab Educational Endowment Fund (PEEF) Scholarships	
3	Diya Pakistan Foundation Scholarship		4	Ehsas Undergraduate Scholarship Program	

#### 3.2. Online Student Portal for Admission

The university website was upgraded and portal for online admissions was launched this year. For the first time, new students were given the facility to apply online for admissions. The facility proved to be a blessing under the circumstances of ongoing restrictions due to COVID-19 pandemic since students did not need to visit university campus for admission purposes.



*Advertisement and link of online admission of Fall-2022 on university website*

Snapshot of university online admission portal

### 3.3. Classroom





### 3.4. Laboratories



Mechanical engineering technology laboratory



Electrical engineering technology laboratory



Civil engineering technology laboratory



Computer lab

### 3.5. Library



### 3.6. University transport



### 3.7. Campus security



# **Chapter 4**

## **Regulations**

# Admission Regulations

## Chapter 4

### Regulations

#### 4.1. Admission Regulations 2021

##### 4.1.1. General Rules

A candidate seeking admission in any program shall apply online as per the following procedure.

- Candidates shall register himself/herself through the University website [www.mcut.edu.pk](http://www.mcut.edu.pk), on admission portal by filling the online registration form.
- After completing registration, candidate will be able to fill the Admission Application Form and upload the required documents.
- After submitting the application, the system will generate a challan form, to be printed by the candidate.
- The applicant shall deposit the prescribed admission processing fee on auto-generated challan in the bank and upload it to the admission portal.
- The candidate will be able to check the status of his/her application online.
- If the candidate's name appears in a merit list, then within due date he/she has to submit all required documents and deposited fee challan to the admission office and follow any other instructions provided by the admission office.
- All selected candidates will be granted provisional admission.
- In case of revelation or discovery at any stage before or after graduation, of forged, fake, and/or tempered degree, certificate, documents, or any incorrect information provided by candidate, he/she shall stand expelled from the university; his/her graduate status null and void, or any decision made by the university authorities. Furthermore, candidate shall be liable to legal action under the law and he/she shall also stand disqualified to seek admission in any university of Pakistan, as may deem suitable by the university authorities.
- In case of expulsion, removal from the university rolls and/or graduate status null and void, a student shall have no right to claim any compensation and/or damages including but not limited to fees and dues.

- The university reserves the right to rectify/correct any error, omission or clerical/typographical mistake at any stage. In case, a candidate/student becomes ineligible or fall out of the merit due to aforementioned correction(s) by the university, he/she shall be removed from the rolls of the University at any time or any decision made by university authorities.
- Conditional admission(s) may be granted in any discipline/degree program with the approval of the Vice Chancellor.
- The university reserves the right to start or discontinue any program / discipline. In case of discontinuation of a program, such candidates may be offered to apply for admission in other discipline/program where vacant seat(s) are available, if the candidate fulfills the admission eligibility criteria for the desired program/discipline.
- The University may open second phase of Admission as it may deem fit, with the approval of the vice-chancellor.

#### **4.1.2. Equivalent Examinations**

- The University recognizes the following examinations as equivalent to the Intermediate (Pre- Engineering) examination with Mathematics, Physics, and Chemistry of the Pakistani Boards of Intermediate and Secondary Education, and Diploma of Associate Engineer (DAE) by the Punjab Board of Technical Education Lahore
- Intermediate (Pre-Engineering) Examination of the Board of Intermediate & Secondary Education, Azad Kashmir.
- Cambridge Overseas Higher School Certificate with Physics, Chemistry, and Mathematics.
- British General Certificate of Education (Advanced Level) with Physics, Chemistry, and Mathematics.
- Intermediate (Pre-Medical) with Mathematics as an additional course.
- American High School Graduation Diploma (12th Grade) or equivalent.

Such applicants are required to attach an equivalence certificate showing marks with the application for admission issued by the Inter Board Committee of Chairmen (IBCC).

### 4.1.3. Eligibility Criteria and Merit Determination for Admission

#### 4.1.4. Basic Criteria of (4 Years) B.Sc. Engineering Technology Programs

A candidate must fulfill the eligibility criteria to get admission in any discipline/program at MCUT. The eligibility criteria and merit determination for all disciplines/ programs are provided, which may be revised from time to time with the approval of concerned authorities.

The need blind admission policy based on merit only and open to all candidates regardless of religion, race, creed and financial resources. The entry requirement to the program shall be assessed to ensure that the students accepted are at the minimum qualifications required for training and education as an Engineering Technologist. It is to be ascertained whether the students being admitted in the program qualify the minimum eligibility criteria prescribed by NTC for various programs and whether the merit is strictly being followed.

NTC has set the following minimum requirements for admission into any Engineering Technology program: -

For all Engineering Technologies:

- 50% marks in F.Sc. (Pre-Engineering) or Equivalent Qualification A-level / ICS / DAE / B.Sc. (Excluding sports and Hafiz-e-Quran)
- Qualifying the Entry Test Institutions are expected to have well laid-out and transparent procedure to compute overall merit for admission into a Engineering Technology Program. The HEI may work out weighted for admission in respect of students who meets minimum requirements for admission as follows:

Induction Weightage:	70% weightage to F. Sc. Or Equivalent / ICS / DAE / B.Sc. 30% to Entry Test
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The student should have at least 50% overall adjusted admission marks computed from above ratios.

Equivalence of the Examination passed by the candidate shall be determined by Inter Board Chairmen Committee (IBCC) and eligibility by the concerned HEI.

Two marks will be deducted from (percent academic) marks obtained out of 100 marks for each late year to a maximum of five (05) years

The candidate should produce a certificate from a well-established institution to the effect that he/she is Hafiz-e-Qur'an. Moreover, Departmental Admission Committee shall interview the candidate and make sure that the candidate had learnt the Holy Qur'an by heart and could recite it from whatever portion he/she is required to recite.

#### **Seat Allocations for B.Sc. Engineering Technology Programs**

<b>Sr. No</b>	<b>No of Quota Seats</b>	<b>Percentage</b>	<b>No. of Seats</b>
<b>1</b>	All Punjab basis (DAE)	40%	20
<b>2</b>	All Punjab basis (FSc)	40%	20
<b>3</b>	Tribal Area	4%	02
<b>4</b>	Employee Son Seats (Teaching Staff)	2%	01
<b>5</b>	Employee Son Seats (Non-Teaching Staff)	2%	01
<b>6</b>	Pak Army	2%	01
<b>7</b>	Disable	2%	01
<b>8</b>	Sports	2%	01
<b>9</b>	Other Provinces 2%	2%	01
<b>10</b>	AJK 2%	2%	01
<b>11</b>	GCT/MCKRUT Ex-Stuents 2%	2%	01
<b>Total No. of sets of each Technology</b>		100%	50

#### **4.1.5. Basic Criteria for BS (4-Yrs) Program**

<b>Sr. No.</b>	<b>Progress</b>	<b>Academic Qualification</b>
<b>1</b>	BS Computer Science.	a). F.Sc. With Pre-Engineering OR ICS with 50% marks or above. b). MCUT recognized valid aptitude Test (ECAT) OR MCUT Entry Test.

		2). 2% quota for 3 years Diploma of Associate Engineering having at least 60% marks.
2	BBA.	a). F.Sc./F.A/I.Com/DBA OR equivalent with 50% marks or above. b). MCUT recognized valid aptitude Test (ECAT) OR MCUT Entry Test.
3	BS Mathematics.	a). F.Sc. With Pre-Engineering OR ICS with Mathematics with 50% marks or above. b). MCUT recognized valid aptitude Test (ECAT) OR MCUT Entry Test. c). 2% quota for 3 years Diploma of Associate Engineering having at least 60% marks with Mathematics.
4	BS Physics.	a). F.Sc. With Physics and Mathematics OR ICS with Physics and Mathematics with 50% marks or above. b). MCUT recognized valid aptitude Test (ECAT) OR MCUT Entry Test. c). 2% quota for 3 years Diploma of Associate Engineering with Physics and Math securing at least 60% marks.
5	BS Chemistry.	a). F.Sc. With Chemistry OR ICS with Chemistry with 50% marks or above. b). MCUT recognized valid aptitude Test (ECAT) OR MCUT Entry Test.

#### 4.1.6. Merit calculation

$$\text{Merit (\%)} = 0.70B + 0.30A$$

$$A = \{(\text{Marks obtained in Entry Test}) / (\text{Total Marks of Entry Test})\} \times 100$$

$$B = \{((1/4^{\text{th}} \text{ of marks obtained in Matriculation} + \text{marks obtained in FA/FSc or equivalent} + *20 \text{ marks for Hafiz Quran}) / (1/4^{\text{th}} \text{ of Total marks Matriculation} + \text{Total marks in FA/FSc or equivalent}))\} \times 100$$

In Formula "B" applicants applying on provisional basis, the marks obtained in F.A/F.Sc. Part-I annual/supplementary, 2021 or equivalent examination shall be included for merit calculation.

Two marks will be deducted from (percent academic) marks obtained out of 100 marks for each late year to a maximum of five (5) years.

The candidate should produce a certificate from a well-established institution to the effect that he/she is Hafiz-e-Qur'an. Moreover, Departmental Admission Committee shall interview the candidate and make sure that the candidate had learnt the Holy Qur'an by heart and could recite it from whatever portion he/she is required to recite.

#### **4.1.7. Basic Criteria for Diploma holders**

$$\text{Merit (\%)} = 0.70B + 0.30A$$

$$A = \{(\text{Marks obtained in Entry Test}) / (\text{Total Marks of Entry Test})\} \times 100$$

$$B = \{(1/4^{\text{th}} \text{ of marks obtained in Matriculation} + \text{marks obtained in DAE} + *20 \text{ marks for Hafiz Quran}) / (1/4^{\text{th}} \text{ of Total marks of Matriculation} + \text{Total marks of DAE})\} \times 100$$

#### **4.1.8. Applicant's Gender**

All applicants regardless of gender are eligible to apply for admission.

#### **4.1.9. Credit for Hafiz-e-Quran**

Up to 20 marks will be added to the academic marks in H.S.S.C/B.Sc. or equivalent examination of an applicant who is Hafiz-e-Quran. He will get the benefit only if he/she has:

- I. Filled in the necessary check box (option) provided in the application form;
- II. Appeared before the Hafiz-e-Quran Committee for oral test carrying zero to twenty marks and the Committee has awarded marks according to the degree of his/her proficiency.

#### **4.1.10. Tie-Breaker in Case of Equal Merit Precaution/Score**

If two or more candidates have equal merit percentage/score up to three places of decimal, then tie breaker in the following order will be considered:

- I. The candidate with higher percentage of marks in the latest degree/certificate on the basis of which the candidate applied for admission (e.g. Intermediate, if the candidate applied for a BS program).
- II. The candidate with higher percentage of marks in the degree/certificate immediately before the latest degree/certificate on the basis of which the candidate applied for admission (e.g. Matriculation, if the candidate applied for a BS program).
- III. A coin flip or lucky draw among the candidates, as seems appropriate, in the presence of candidates.
- IV. Age factor can be considered

#### **4.1.11. Transfer of Degree Program/Discipline**

In case an applicant who has already secured admission in any program and appears in another merit list, he/she will submit a written application to Admission Office within due time and his/her admission and semester fee will be transferred to the desired discipline/program. Mutual transfer can be allowed on submission of written application within 15 days after commencement of classes, if both applicants have higher merit score than the closing merit of respective degree programs after fulfilling the eligibility criteria.

#### **4.1.12. Variation in Seats**

The University authorities may exercise their right at any time to increase or decrease the number of seats allocated to any program and there shall be no appeal against such a decision.

#### **4.1.13. Reserved Seats**

The University under Government policy directives may admit students against open merit seats. The reserved seats are mentioned-above table. The reserved seats may be created / revised from time to time with approval of the competent authority. In case reserved seat(s) remain vacant, these seat(s) will be transferred to open merit. The fraction will be rounded upward to the whole number.

#### **4.1.14. Interpretation**

If any question arises regarding the interpretation of these regulations, the matter shall be deliberated by the academic administration consisting of Convener Admissions Committee, Registrar, Dean, and Vice Chancellor, and their decision thereon shall be final.

#### **4.1.15. Removal of Difficulties**

If any difficulty arises in giving effect to any of the provisions of these Regulations, the Vice Chancellor in individual cases may make such decision, not inconsistent with the spirit of these Regulations, as may appear necessary for the purpose of removing the difficulty, provided that such a decision is not ultra vires of the Mir Chakar Khan Rind University of Technology, Dera Ghazi Khan, Act 2019.

# **Student Discipline Regulations**

## 4.2. Student Discipline Regulations

The university endeavors to develop a sense of individual responsibility on the part of each member of its community and seeks to enhance active participation of all segments, faculty, students, administration, in maintaining such standards, towards fostering and sustaining an environment of honor and trust across the spectrum. While representing himself/herself as a member of MCUT community, the student will maintain the highest standards of honesty and integrity. He/she will strive for these standards in his or her representations, academic pursuits, and respect for the property and individual rights of others. The student will uphold and actively follow the specific principles described in the Code.

The purpose of a code of ethics within an organization is to define acceptable standards and provide general principles of professional behavior which should be followed by members of the organization in order to act in an appropriate moral way and to preclude misconduct. In other words, a code of conduct outlines for the members of an organization how to become true professionals by applying ethical concepts in everyday professional practice, thus enriching their respective assignments. Whereas, without an institutional code of ethics, it remains impossible for an organization or institution to regulate the ethical conduct of its members across the spectrum. As a progressive and forward-looking institution, MCUT ardently believes in nurturing in its student's wholesome ethical discipline with a focus on inculcating in them the virtues of diligence, service, integrity, fairness, decency, respect, competence and excellence.

The MCUT Code of Ethics and Conduct for students flows from a set of values which include our core values as well as other universally accepted values. The MCUT core values embody our vision and mission. These core values permeate all our activities and form a benchmark to value our efforts. These core values are the qualities that we want to maximize in our students, faculty, officers and non-teaching staff. Furthermore, we believe that these core values will allow us to transform our society into an advance one. Our core values are:

- i) Rule of Law: All our business is in accordance of the Law
- ii) Merit: All our activities are based on true implementation of a merit-based decision making
- iii) Innovation: Pursuing new creative ideas that have the potential to change the world.
- iv) Integrity: Acting with honesty and honor without compromising the truth.

- v) Commitment: Committing to great product, service and other initiatives that impact lives within and outside the organization.
- vi) Community: Contributing to society and demonstrating corporate social responsibility.
- vii) Diversity: Creating a workplace culture where all individuals are treated fairly and respectfully, have equal access to opportunities and resources and can fully contribute to the organization's success.
- viii) Empowerment: Encouraging students/employees to take initiative and give their best. Adopting an error-embracing environment to empower employees to lead and make decisions.
- ix) Ownership: Taking care of the University and staff as if they were one's own.
- x) Safety: Ensuring the health and safety of students/employees and going beyond legal requirements to provide an accident-free workplace.

#### **4.2.1. Discipline and Respect for Law:**

Discipline is a cardinal law of nature visible, among other things, in the orderly working of celestial bodies. Discipline is necessary in all walks of life, and forms the core of other virtues like punctuality, cleanliness and dress-code. If people do not observe discipline, the entire social fabric would crumble like a house of cards. All along physical discipline, far more important are the virtues of moral and intellectual discipline. Moral and intellectual disciplines show in the sublime traits of self-restraint, honesty, fortitude, forbearance, integrity and courage. No society or organization can function and prosper smoothly unless its members demonstrate a sense of sound discipline. Discipline is necessary for becoming good citizens and, more importantly, good human beings. Respect for law, which means not merely not doing something negative but actually doing something positive, is a manifest expression of discipline. In fact, discipline and respect for law are the distinguishing features of civilized societies across the globe. MCUT urges its entire community of members to observe in letter and spirit the University discipline. Respect for authority, strict observance of the rules and regulations of the University, as well as due respect to law of the land are expected all times in all situations.

While it is desirable that students should acquaint themselves with the MCUT Student Code of Ethics and Conduct in entirety to deepen their understanding, they are specifically required to study the code of conduct and internalize the guidelines provided therein. Significant violation or persistent deviation from this Code of Ethics and Conduct by a University student will constitute

misconduct and will be a cause for disciplinary action. An appropriate mechanism built around appropriate procedures along with suitable corrective actions exists at the University to deal with such deviations and violations of the prescribed code of ethics and conduct.

#### **4.2.2. Jurisdiction**

This code applies to the on-campus conduct of all registered students, including the individuals using university academic resources. The code also applies to the off-campus conduct of students in direct connection with:

- i. Academic course requirements or any credit-bearing experiences, such as internships, field trips, study abroad, or student teaching.
- ii. Any activity supporting pursuit of a degree, such as research at another institution or a professional practice assignment.
- iii. Any activity sponsored, conducted, or authorized by the university or by registered student organizations.
- iv. Any activity that causes substantial destruction of property belonging to the university or members of the university community, or causes or threatens serious harm to the safety or security of members of the university community.
- v. Any activity in which a police report has been filed, a summons or indictment issued, or an arrest has occurred for a crime of violence.
- vi. The University reserves the right to administer the code and proceed with the hearing process even if the student withdraws from the university, is no longer enrolled in classes, or subsequently fails to meet the definition of a student while a disciplinary matter is pending.
- vii. Students continue to be subject to city, state laws while at the University, and violations of those laws may also constitute violations of the code. In such instances, the University may proceed with university disciplinary action under the code independently of any criminal proceeding involving the same conduct and may impose sanctions for violation of the code even if such criminal proceeding is not yet resolved or is resolved in the student's favor.

### **4.2.3. Definitions**

- i. “University premises” includes all lands, buildings, facilities, and resources owned, leased, managed, or operated by the University.
- ii. “Student” includes an individual who has paid an acceptance fee, registered for classes, or otherwise entered into any other contractual relationship with the University to take instruction, conduct research or undertake project.

It further includes persons who are eligible to receive any of the rights and privileges afforded a person who is enrolled at the university, including, but not limited to, those individuals admitted to the University and attending orientation programmes.

Student status lasts until an individual graduates, is dismissed, or is not in attendance for two (2) complete, consecutive semesters.

“Student” also includes registered student organizations.

### **4.2.4. Prohibited Conduct**

Any student found to have engaged, or attempted to engage, in any of the following conduct while within the University’s jurisdiction, will be subject to disciplinary action by the University. Any student who abandons an attempt or prevents the prohibited conduct from occurring under circumstances that demonstrate a complete and voluntary renunciation of the prohibited conduct will not be subject to disciplinary action by the University.

### **4.2.5. Academic Misconduct**

Any activity that tends to compromise the academic integrity of the University or subvert the educational process. Examples of academic misconduct include, but are not limited to:

- i. Violation of course rules as contained in the course syllabus or other information provided to the student;
- ii. Knowingly providing or receiving information during tests/ examinations; or the possession and/ or use of unauthorized materials during those examinations (including mobile phones or written material).

- iii. Knowingly providing or using unauthorized assistance in the laboratory, on field work, in studies or on a course assignment.
- iv. Submitting plagiarized work for an academic requirement. Plagiarism is the representation of another's work or ideas as one's own; it includes the unacknowledged word-for-word use and/or paraphrasing of another person's work, and/or the inappropriate unacknowledged use of another person's ideas.
- v. Submitting substantially the same work to satisfy requirements for one course or academic requirement that has been submitted in satisfaction of requirements for another course or academic requirement without permission of the instructor of the course for which the work is being submitted or supervising authority for the academic requirement.
- vi. Falsification, fabrication, or dishonesty in creating or reporting laboratory results, research results, and/or any other assignments.
- vii. Serving as, or enlisting the assistance of, a substitute for a student in any graded assignments;
- viii. Alteration of grades or marks by the student in an effort to change the earned grade or credit;
- ix. Alteration of academically related University forms or records, or unauthorized use of those forms or records.
- x. Engaging in activities that unfairly place other students at a disadvantage, such as taking, hiding or altering resource material, or manipulating a grading system; and Violation of programme regulations as established by departmental committees and made available to students.
- xi. Violation of instructions/guidelines included in the University/institutional/students' handbook etc. Endangering Health or Safety
- xii. Endangering behavior: Taking or threatening action that endangers the safety, physical or mental health, or life of any person, or creates a reasonable fear of such action. Relationship violence or intimate partner abuse may constitute endangering behavior.
- xiii. Stalking: Engaging in a pattern of unwanted conduct directed at another person that threatens or endangers the safety, physical or mental health, or life or property of that person, or creates a reasonable fear of such a threat or action.

- xiv. Sexual harassment: Sexual harassment of fellow students and other people on the campus. Sexual harassment includes sexual advances, sexual solicitation, requests for sexual favors, and other verbal or physical conduct of a sexual nature.
- xv. Indecent exposure: Defined as the exposure of the private or intimate parts of the body in a lewd manner in public or in private premises when the accused may be readily observed.
- xvi. Destruction of Property: Actual or threatened damage to or destruction of university property or property of others, whether done intentionally or with reckless disregard.
- xvii. Dangerous Weapons or Devices: Storage or possession of dangerous weapons, devices, or substances including, but not limited to, firearms, ammunition, or fireworks.
- xviii. Dishonest Conduct: Dishonest conduct, including, but not limited to: knowingly reporting a false emergency; knowingly making false accusation of misconduct; misuse or falsification of university or related documents by actions such as forgery, alteration, or improper transfer; submission of information known by the submitter to be false to a university official.
- xix. Theft or Unauthorized Use of Property: Theft, or the unauthorized use or possession of university property, services, resources, or the property of others.
- xx. Failure to Comply with University or Civil Authority: Failure to comply with legitimate directives of authorized university officials, law enforcement or emergency personnel, identified as such, in the performance of their duties, including failure to identify oneself when so requested; or violation of the terms of a disciplinary sanction.
- xxi. Drugs: Use, production, distribution, sale, or possession of drugs in a manner prohibited under law. This includes, but is not limited to, the misuse of prescription drugs.
- xxii. Alcohol: Use, production, distribution, sale, or possession of alcohol in any manner.
- xxiii. Unauthorized Presence: Unauthorized entrance to or presence in or on university premises.
- xxiv. Disorderly or Disruptive Conduct: Disorderly or disruptive conduct that unreasonably interferes with university activities or with the legitimate activities of any member of the university community.
- xxv. Hazing: Doing, requiring, or encouraging any act, whether or not the act is voluntarily agreed upon, in conjunction with initiation or continued membership or participation in any group that causes or creates a substantial risk of causing mental or physical harm or

humiliation. Such acts may include, but are not limited to, use of alcohol, creation of excessive fatigue, and paddling, punching or kicking in any form.

- xxvi. Abuse of Student Conduct System: Abuse of any university student conduct system, including but not limited to:
- xxvii. Failure to obey the summons or directives of a student conduct body or university official.
- xxviii. Falsification, distortion, or misrepresentation of information before a student conduct body.
- xxix. Disruption or interference with the orderly process of a student conduct proceedings.
- xxx. Knowingly instituting of a student conduct proceeding without cause;
- xxxi. Discouraging an individual's proper participation in, or use of, a university student conduct system.
- xxxii. Influencing the impartiality of a member of a student conduct body prior to, and/or during the course of a student conduct proceeding.
- xxxiii. Harassment and/or intimidation of a member of a student conduct body prior to, during, and/or after a student conduct proceeding.
- xxxiv. Failure to comply with one or more sanctions imposed under the code of student conduct.
- xxxv. Influencing another person to commit an abuse of a university student conduct system.
- xxxvi. Violation of University Rules: Violation of other published university regulations, guidelines, policies, or rules, or violations of federal, state, or local law. These university regulations, guidelines, policies, or rules include, but are not limited to, those which prohibit the misuse of computing resources, sexual harassment, rules for student groups or organizations, and residence hall rules and regulations.
- xxxvii. Riotous Behavior: Participation in a disturbance with the purpose to commit or incite any action that presents a clear and present danger to others, causes physical harm to others, or damages property. Proscribed behavior in the context of a riot includes, but is not limited to:
- xxxviii. Knowingly engaging in conduct designed to incite another to engage in riotous behavior; and Actual or threatened damage to or destruction of university property or property of others, whether done intentionally or with reckless disregard; and Failing to comply with a directive to disperse by university officials, law enforcement, or emergency personnel;

and Intimidating, impeding, hindering or obstructing a university official, law enforcement, or emergency personnel in the performance of their duties.

- xxxix. Political, sectarian or ethnic activism in the form of gatherings, demonstrations, walks or riots on university premises
- xl. Recording of Images without Knowledge: Using electronic or other means to make a video or photographic record of any person in a location where there is a reasonable expectation of privacy without the person's prior knowledge, when such a recording is likely to cause injury, distress, or damage to reputation. This includes, but is not limited to, taking video or photographic images in shower/locker rooms, residence hall rooms, and restrooms. The storing, sharing, and/or distributing of such unauthorized records by any means is also prohibited.

#### **4.2.6. Enforcement of Student Code of Ethics and Conduct Authority to Check for Acts of Indiscipline**

All faculty members, administrative staff, support staff and students will be expected to monitor the observance of this code of conduct and report any such disregard or violations to relevant University authorities for taking appropriate action/remedial measures. Matters of indiscipline would be referred to the University authorities, which are authorized to check indiscipline matters and decide as per university rules, regulations and policy. Parents of those students who disobey authority and violate the code of conduct will be informed. Students may be held accountable for the acts of misconduct of their guests while on university premises or at university-sponsored activities. Students who are charged with violations of this Code of Conduct are subject to disciplinary action as per University Every member of the faculty shall have the power to check any disorderly or improper conduct of, or any breach of the regulations, by students in any part of the University or outside when the visit is sponsored or organized by it. Misconduct in a classroom when a student is under the charge of a teacher shall not be allowed and a punitive action such as a fine, removal from the classroom or a punishment of greater magnitude may be imposed as decided by the authority so empowered.

#### **4.2.7. Discipline Committee**

The Vice Chancellor may constitute, and revise from time to time, a Discipline Committee in accordance of the provisions of the Act. The Discipline Committee is to act as an inquiry committee to investigate reported cases of violation of discipline and code of conduct by students of the University and make its recommendations in accordance with university rules and regulations. In cases referred to the Discipline Committee, after due inquiry, it will recommend the punishment according to the gravity of the case after giving full opportunity to the defaulter to give his/her point of view before recommending the punishment.

#### **4.2.8. Procedure in Case Of Breach Of Discipline**

A teacher, a staff member or officer in whose presence or in relation to whom an act of indiscipline has been committed or who gets to know of such an act, may deal with the case himself/herself, or if in his/her view the case is one which can be more appropriately dealt by another authority or which warrants a penalty of greater magnitude than he/she is competent to impose, shall refer the case to the Discipline Committee.

#### **4.2.9. Case Referrals**

All cases of serious breach of discipline will be referred to the Discipline Committee for investigation. A case should be submitted as soon as possible after the alleged violation takes place, preferably within 24 hours of the violation. Those referring cases are normally expected to serve as complainant and to present relevant evidence in disciplinary hearings before the Discipline Committee.

#### **4.2.10. Procedure for Disciplinary Hearing**

- i. A disciplinary hearing is a formal process conducted by the Discipline Committee. This formal process is designed to gather and consider relevant information regarding the alleged violation(s) of the Student Code of Ethics & Conduct and to determine and recommend a punishment. Every effort will be made to expedite proceedings pursuant to allegations within a reasonable period.

- ii. When a case against a student is referred to the Discipline Committee, it may, with the approval of the Dean of the Faculty, if it deems fit, suspend the student from the classes till the finalization of the case.
- iii. The Discipline Committee shall submit its report to the HOD in four parts i.e. Summary of the Case, Proceedings, Findings, and Recommendations. The report shall attempt to document, as much as possible, the matters relevant to the case and the inquiry as conducted by the Discipline Committee.
- iv. If the Awarding Authority for the punishment recommended by the Discipline Committee is the Dean/VC, the HOD shall forward the report to the Dean with his/her recommendations. If the case involves students from more than one department then all of the HODs concerned shall make their recommendations.
- v. If the Discipline Committee recommends Rustication/Expulsion of the student or any other major punishment, the Dean shall forward the report to the Vice Chancellor with his/her recommendations. In all cases where penalties are awarded by the President Student Discipline Committee/HOD/Dean, the report shall be forwarded to the Vice Chancellor for information.

#### **4.2.11. Punishment or Penalty For Acts Of Indiscipline**

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

- i. Minor Punishments
  - a. Warning in writing: Notice to the offender, verbally or in writing, that continuation or repetition of prohibited conduct may result in further disciplinary action.
  - b. Probation: Probation for a specific period.
  - c. Fine: Fine which may amount up to Rs. 10,000.
  - d. Hostel Suspension/Permanent Removal: Expulsion from the hostel for a specified period, or permanent removal from the residence hall.
  - e. Withholding of certificate: Withholding of a certificate of good moral character.
  - f. Removal of privileges: Deprivation from the privileges enjoyed by the students.
  - g. F Grade: Award of “F” grade in a paper or course.
- ii. Major Punishments

- a. Fine: Fine which may amount up to Rs. 25,000/-
- b. Exam Result: Cancellation of examination result.
- c. Rustication: Rustication from the University for a specific period.
- d. Degree: Non conferment of degree/transcript.
- e. Expulsion: Expulsion from the University.
- f. Other sanctions or a combination of above-mentioned punishments as deemed appropriate may also be prescribed.

A student guilty of an act of indiscipline shall be liable to the penalties or promulgated through written orders/notifications with the indicated Awarding and Appellate Authorities.

Penalties, Awarding Authority, and Appellate authority

#### **4.2.12. Appeals**

- i. An appeal against the penalty may be filed by the student with the Appellate Authority within 30 days of announcement of the punishment. No appeal by a student shall be entertained unless it is presented within 30 days from the date of communication of the decision, provided that the Vice Chancellor may, for valid reasons, extend this period.
- ii. No appeal shall lie against the decision of an authority imposing a penalty other than rustication or expulsion except on the grounds that such authority imposed a penalty which it was not competent to impose.
- iii. An appeal on the grounds that an authority imposed a penalty which it was not competent to impose, shall lie with the body or person of higher authority than the one who imposed the penalty.

#### **4.2.13. Rustication**

- i. Rustication may be awarded up to a maximum of 3 years. The penalty when imposed on a student shall always mean a minimum loss of one semester as far as his/her appearance in the examinations is concerned. The actual period of absence from the University will, however, depend upon the time of the academic year when the penalty is imposed.
- ii. The student under rustication will have the option of rejoining the University at the beginning of the semester/academic year after the completion of rustication period,

provided suitable courses are available in the regular semester's list of courses being offered. It shall be obligatory on the part of the University to re-admit the student if he/she wishes to rejoin.

- iii. No fee shall be charged from a rusticated student for the time period during which his/her name remained struck off the rolls. However, the previously deposited fee will not be refunded.
- iv. No student shall be rusticated from the University unless he/she has been allowed a reasonable chance of defense against the accusations.

#### **4.2.14. Expulsion**

- i. The Dean of the Faculty shall report the name of the student who has been found guilty of an offence warranting expulsion to the Vice Chancellor stating the reasons for the proposed action, who will then have the authority to sanction expulsion after allowing reasonable chance to the student to defend himself/herself against the expulsion.
- ii. The name of the expelled student will immediately be removed from the University rolls, and fee for remaining month(s) of the semester will not be refunded.
- iii. A student expelled from the University will not be re-admitted to any of the University's constituent or affiliated units.
- iv. Cases of expulsion will be registered in university records and announced to all constituent and affiliated units.

#### **4.2.15. Compensation For Loss**

The Dean of the Faculty, or any teacher or officer to whom he may delegate the powers, may instruct a student to pay compensation for any loss or damage to property belonging to the University, public authority, a fellow student or an employee of the University, caused by a willful act or gross negligence of the student. If the student does not pay such compensation within a specified period, the Dean of the Faculty will proceed against the student in the manner as prescribed in these regulations.

#### **4.2.16. Interpretation**

If any question arises regarding the interpretation of these regulations the matter shall be deliberated by the academic administration consisting of Head of the Department, Controller of Examinations, Registrar, Deans and Vice Chancellor and their decision thereon shall be final. In all cases where the regulations are silent, the decision of the Vice Chancellor shall be final.

#### **4.2.17. Removal Of Difficulties**

If any difficulty arises in giving effect to any of the provisions of these Regulations, the Vice Chancellor in individual cases may make such decision, not inconsistent with the spirit of these Regulations, as may appear to necessary for the purpose of removing the difficulty, provided that such a decision is not ultra vires of the Act.

# Fee Regulations

### **4.3. Fee Regulations**

#### **4.3.1. Periods of Fees and Other Charges**

- i. Semester dues i.e. Tuition fee and other charges are payable before beginning of the Semester i.e Fall or Spring.
- ii. Extra Fee shall be charged on the basis of “Credit Hour” for all the subjects studied during Summer Semester OR in regular Semester for course improvement.
- iii. The hostel charges including Rent and electricity charges are payable for the period of occupation, a part of term/semester shall be counted as full term/semester. Furthermore, Electricity charges for room heaters/coolers are charged separately.
- iv. Due date for upcoming Semester shall be started 15 days before the Final Term Examination of current semester.
- v. Fee/Dues need to be deposited in cash only directly in the designated branches. Cheque, Demand Draft, Pay Order etc. shall not be acceptable.
- vi. Students are supposed to submit copy of paid fee challan in Finance Department and their respective department.

#### **4.3.2. Registration in a Semester**

- i. For existing students, each department shall register their students before commencement of classes after getting the assurance of payment of recurring fees and charges for said semester.
- ii. For existing Students, who do not submit their dues within prescribed period shall have to pay the re-admission fee i.e. fees and fine accordingly.
- iii. Registration of students during summer semester or as sit-in students or as casual students shall be made on submission of proof of payment of dues as per subject basis.

#### **4.3.3. Semester Freezing and Relegation Charges**

- i. Students can apply to freeze their semester(s) before mid-term examinations.
- ii. Students freezing their studies for one semester shall pay freezing charges of Rs.10,000/- for that particular semester. However, upon joining the next junior class they shall continue to pay all recurring fees as regular students along with the next junior session. (That is, they will pay

an additional amount of Rs. 10,000/- over and above the fees payable for the duration of their studies).

- iii. Student may apply for refund of his/her semester fee (if paid) of the semester being frozen. However, fee will be paid according to HEC criteria.
- iv. A student will be considered as suspended if absent for 30 days. Separate application will be placed if he/ she want to freeze the next semester.
- v. Relegated students shall continue to pay recurring fees and dues along with regular students. On successful completion they would have paid recurring dues for one additional year. First semester will not be frozen.

#### **4.3.4. Refund of Securities**

- i. All type of refundable securities i.e. University security, library security, hostel security and Mess securities are only refundable upon successful completion of relieving and its relevant administrative approval for University security and upon assuring the deduction of outstanding dues in case of Mess securities/ Library Security/Hostel security accordingly.
- ii. Furthermore, the amount of security is refundable within three years of the last date of graduation.

#### **4.3.5. Refund on Admission Cancellation**

- i. The University Fee or security (refundable only), library security, hostel security and mess securities are refunded when a student cancels his/her admission before completion of his degree. In addition, Admission/Readmission fee paid at the time of admission/readmission is non-refundable and tuition fee would be refunded as per National Refund Policy issued by Higher Education Commission, Islamabad and the same policy is applying on transport, internet, research, and semester charges. A student must pay his/her university dues (instalments if any) before getting clearance from finance department otherwise he/she shall not be eligible to claim his/her refund.
- ii. Admission fee paid at the time of admission is Non-Refundable.
- iii. 100% of remaining fee is refunded if application for admission cancellation is received up to 7th day of convening of classes or registration in the department (whichever is later).

- iv. Refundable security and 50% of remaining elements of fee will be refunded if application for admission cancellation is received from 8th to 15th day of convening of classes or registration in the department (whichever is later).
- v. Only refundable security will be refunded if application for admission cancellation is received from 16th day onward from the day of convening of classes or registration in the department (whichever is later).
- vi. Fees and Funds (University and departmental) of a student are transferable to any other Department of University subject to the approval of Vice Chancellor, Admission Committee.
- vii. Dues are not refundable in case of cancellation of admission on the basis of (i) misstatements, (ii) incorrect information, (iii) concealment of facts, (iv) fake certificates and (v) use of any other Unfair means from student's side.

#### **4.3.6. Instalments**

- i. Installments of 1<sup>st</sup> semester fee are not allowed; however, installments are allowed for coming semesters.
- ii. "Installment Committee" shall review the installment cases and refer to the Finance department. Due Process is as follows:
  - a. A student shall place his/her application for installment to Installment Committee NOT later than due date of submission of semester fee.
  - b. Installment Committee shall analyze the request and approve/disapprove the case accordingly.
  - c. Installment Committee may recommend the number of installments due date of each installment.
  - d. Members of Installment Committee may include any two of: - Member from Finance Department - Member from Scholarship Department - Member from Registrar Department

#### **4.3.7. Fine Waiver**

Fine of Rs.50/- per day shall be charged after due date of fee voucher. Applications for waiver of fine shall be reviewed by Installment Committee to judge the genuineness of applicant's reason for inability to payoff said dues.

#### **4.3.8. Course Improvement**

- i. The students who wish to improve any subject must give application to the concerned department before commencement of classes.
- ii. The concerned department will send the list of these students with their registration numbers, name of courses and credit hours of those courses to finance department (after checking for their credit hours availability, clash of course timings etc.) for issuance of fee voucher.
- iii. The fee shall be charged on per credit hour basis.
- iv. Any application received after the commencement of classes shall NOT be entertained.
- v. The concerned department will make sure that copy of paid fee challan is attached with the course enrolment form.

#### **4.3.9. Summer Semester**

- i. The students who wish to take any subject in Summer Semester must give application to the concerned department before commencement of classes.
- ii. The concerned department will send the list of these students with their registration numbers, name of courses and credit hours of those courses to finance department for issuance of fee voucher.
- iii. The fee will be charged on per credit hour basis.
- iv. Any application received after the commencement of classes will NOT be entertained by the concerned department.
- v. The concerned department will make sure that copy of paid fee challan is attached with the course enrolment form.

#### **4.3.10. Migration Fee**

Any student migrating to MCUT from any other HEC recognized university will have to pay for the exempted courses on Rs.1,000/- per credit hour basis. Additionally, he will also pay the current semester fee.

Any student migrating from MCUT to any other university will have to pay Rs.5,000/- for NOC before migration.

# Semester Regulations

## 4.4. Semester Regulations

### 4.4.1. Definitions

Masculine gender used in the following regulations implies male students as well as female students.

The term faculty member or instructor or teacher when mentioned in these regulations would refer to the concerned faculty member or instructor or teacher, if not mentioned as such.

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

The expressions used in these regulations, unless otherwise specified, or unless there is anything repugnant to the Act and Statutes, shall have the meanings as follows:

- i. “Academic Council” means the Academic Council of the University as specified in the Act.
- ii. “Academic Head” or “HOD” means Head of a Teaching Department of the University.
- iii. “Academic Program” means a program of studies, which leads to the award of a University degree to the students, after successful completion of all its requirements.
- iv. The term “Academic Year” refers to the period of study at the University spread over one calendar year period. Academic year is further divided into two regular semesters, Fall and Spring.
- v. “Act” means The Mir Chakar Khan Rind University of Technology, Dera Ghazi Khan Act 2019.
- vi. “Board of Faculty” means the Board of Faculty for each faculty of the University.
- vii. “Board of Studies” means the Board of Studies for each program/group of programs of the University.
- viii. “Contact Hour” means one hour, spent on academic and research related activities including instructional work/tutorials, laboratory work (practical), research work, projects, seminars, workshops, internships, etc. during the course of studies at the University.
- ix. “Controller of Examinations” means the Controller of Examinations (CoE) of the University.
- x. “Co-requisite” refers to courses that must be registered simultaneously if studied for the first time. During repetition, simultaneous registration of such courses is not necessary.

- xi. "Credit Course" means a course of study whose grade points shall be used in calculating student's CGPA.
- xii. "Credit Hour (Cr Hr)" means a unit of academic credit during a semester. Each credit hour is related to a one or more "Contact hours per week" according to course type and the semester in which it is offered as defined in these regulations.
- xiii. "Cumulative Grade Point Average (CGPA)" means the summation of grade points of all credit courses divided by the total number of credit hours taken by a student, i.e., "CGPA"  $= (\sum P \times N) / (\sum N)$  Where "P" represents grade point assigned to a letter grade scored by the student in a course and "N" represents the number of credit hours associated with the course.
- xiv. "Dean" means the Head of a Faculty of the University.
- xv. "Faculty" means a Faculty of the University.
- xvi. "Government" means the Government of Punjab.
- xvii. "Grade" means a letter grade indicating the quality of students' academic performance.
- xviii. "Grade Point" means number of points representing the letter grade obtained by a student in a course.
- xix. "Grade Points of a Credit Course" is the product of grade points representing the letter grade scored by the student in a course and the number of credit hours assigned to the course.
- xx. "Non Credit Course" means a course of study, successful completion of which shall not be a requirement for the degree.
- xxi. "Pre-requisites" refer to courses that must be successfully completed prior to registration in a course requiring these pre-requisites.
- xxii. "Probation" means that a student is deficient in academic standards and is likely to be separated from the program.
- xxiii. "Registrar" means the Registrar of the University.
- xxiv. "Statutes", "regulations" and "rules" mean prescribed statutes, regulations and rules made under the Act.
- xxv. "Semester" means an academic period, in which one set of courses in any discipline of studies is offered.
- xxvi. "Semester Grade Point Average (SGPA)" means the summation of grade points of all credit courses divided by the total number of the credit hours taken by a student during a semester.
- xxvii. "Separated" means that a student is considered unsuitable for further studies and shall be de-registered from University rolls.
- xxviii. "Course" means a topic or subject related to an academic program, which is to be studied by a student for a fixed number of credit hours during a semester. Each course shall carry a specific discipline code and number.
- xxix. "Teacher" means Professor, Associate Professor, Assistant Professor, Lecturer, and Visiting Faculty engaged whole time or part time by the University for teaching, and any other person as may be declared to be the teacher.

- xxx. “Teaching Department” means a teaching department established and maintained by the University.
- xxxi. “Tutor” refers to a teacher appointed as an advisor and counselor to a group of students and the term “Tutorial” refers to a scheduled session with their tutor.
- xxxii. “University” means the Mir Chakar Khan Rind University of Technology, Dera Ghazi Khan.
- xxxiii. “Vice Chancellor” means the Vice Chancellor of the University.
- xxxiv. All other words and expressions used, but not defined herein, shall have the same meanings as assigned to them in the Act.

#### **4.4.2. Semester System**

Teaching at the University shall be done according to the Semester system of instruction. There will be two regular semesters (Fall and Spring) in an academic year. Fall/Spring semester will spread over 16-18 weeks (inclusive of 1-2 weeks for exams).

Teaching departments shall announce the courses being offered in a semester in advance and allow students to register in the courses after academic advising.

#### **4.4.3. Academic Advising**

Academic advising shall be done by faculty members designated as “Advisor” and shall consist of advisor’s review of student’s academic record with the student himself/herself. Advising shall lay particular emphasis on courses failed by the student, student’s CGPA and the steps student needs to take to fulfill his/her degree requirements within the stipulated time. Furthermore, student may be advised of pre-requisite and co-requisite relationship between courses relevant to him/ her. University will provide academic guidance to all students throughout their academic career at University. Responsibilities of Student Advisor also include advising students with the general adjustments to university life and semester system, informing and explaining course registration, implication of credit transfer, attendance policy, withdrawal of courses. Additionally, Student Advisor is to serve as a resource person for university information and guiding students to meet graduation requirements.

Notwithstanding anything stated above with regard to advising, it will be the students’ responsibility to know their degree requirements, various deadlines/information announced through notices placed on Department/Campus Notice Boards, to be accountable for observing University policies and to obtain course-scheduling information. A student will be responsible for

completion of all degree requirements, including pre-requisites. For any clarification, query or problem relating to any academic matter which may not be resolved at the HOD level, the student may contact Dean of the concerned Faculty.

#### **4.4.4. Summer Semester**

- i. Summer semester will be offered as an optional semester of 8-9 weeks duration including exam. Students will be offered courses to remove deficiencies and can enroll in up to a maximum of 9 credit hours during summer.
- ii. The courses offered in the summer are decided by the respective HOD's office keeping in view the number of students interested in taking a particular course.
- iii. In summer, teaching departments may offer courses for whole session as well as for repeaters. Students have to pay separately for registering in a summer course without crossing certain maximum Credit Hours limit.
- iv. Moreover, a student who has either failed or has been stopped to take the examination due to shortage of class attendance or wishes to improve his/her grade is allowed to register in the summer semester.
- v. The contact hours per week during the summer semester will be doubled to ensure that the course is completely taught in a summer session with half of the duration as compared to a regular (Fall/ Spring) semester.

#### **4.4.5. Degree Duration**

- i. Duration for undergraduate programs (16 years of education) shall not be less than 4 academic years and more than 6 years. Extension beyond 4 years will be required from the competent authority.
- ii. Master's degree programs (18 years of education) shall not be less than 2 and more than 4 academic years for full time students. Extension beyond minimum duration will be required from the competent authority.
- iii. Doctoral (PhD) degree programs shall not be less than 3 and more than 7 academic years (including course work duration and Research Dissertation). Extension beyond minimum duration will be required from the competent authority.

#### **4.4.6. Extension Beyond Maximum Duration**

The Vice Chancellor may grant extensions up to a maximum period of one year beyond the minimum duration for completing requirements for the award of degree. Students requiring extension may apply to the Vice chancellor for this purpose. Extension beyond one year shall be granted by the academic council/ASRB for undergraduate/graduate programs respectively

A student would be separated from the University if he/she requires extension beyond one year.

Separated students can apply to the Vice Chancellor for re-admission.

A re-admitted student will not be granted second re-admission if he/she is separated second time from the University.

Fee and other dues of the university shall be applicable for the extended period of study.

#### **4.4.7. Registration Schedule**

Students have to register for their courses in a semester during the period specified for the purpose before the commencement of a semester. The office of the Examinations, before the start of every semester, will notify the course registration deadline i.e. week of a semester. Requests for late registration for valid reasons can be entertained till the end of the third study week of a semester. However, such students shall be required to pay late registration fee. Students deciding not to register in a semester must inform the department of their decision. Failure to register without any prior intimation may result in separation from the University.

#### **4.4.8. Student Status**

Students shall be classified:

- i. on the basis of number of credit hours registered in a semester and on the basis of credit hours completed.
- ii. The students are classified as per the following nomenclature on the basis of credit hours registered during a semester:
  - a. “Regular” Students registering in at least 12 credit hours during Fall and Spring semesters and 6 credit hours during summer semester within the minimum duration of their respective degree program.
  - b. “Casual” students if they register in less than 12 credit hours during Fall and Spring semesters and less than 6 credit hours during summer semester; or they register in courses after completion of their minimum degree duration period.
- iii. The students are classified as per the following nomenclature on the basis of credit hours completed:
  - a. “First Year” students if they have successfully completed less than or up to 36 credit hours of prescribed syllabi.

- b. “Second Year” students if they have successfully completed more than 36 credit hours but up to 72 credit hours of prescribed syllabi.
- c. “Third Year” students if they have successfully completed more than 72 credit hours but up to 108 credit hours of prescribed syllabi.
- d. “Final Year” students if they have successfully completed more than 108 credit hours but up to 140 credit hours of prescribed syllabi.

#### **4.4.9. Credit Hour System**

The credit hours assigned to a theory or a laboratory course are determined by the contact hours allocated to it per week throughout a semester.

For a theory course one credit hour is equivalent to one contact hour of lecture per week,

For a laboratory course, one credit hour is equivalent to three contact hours of practical work per week.

#### **4.4.10. Credit Hours Requirement**

The credit hours required for the award of a Bachelors degree may range from a minimum of 124 to a maximum of 140 for degree programs with minimum duration of four academic years.

The credit hours required for the award of MS degree may range from a minimum of 30 to a maximum of 36 for degree programs with minimum duration of two academic year.

The credit hours required for the award of PhD is 48 (18 Credit Hours of Course Work + 30 Credit Hours of PhD dissertation).

#### **4.4.11. Registration Matters**

The maximum and minimum permissible number of students to be allowed registration in a course section will be decided by the concerned Board of Studies.

Students may consult their advisors for registration guidelines.

Registration limits for students are given as under:

- i. Students are allowed to register in maximum of 20 credit hours in Fall and Spring semesters.

- ii. Students, because of repetition of courses or fulfillment of graduation requirements, may apply to the concerned Dean for one credit hour extension in the 20 credit hours registration limit.
- iii. A student may register for at most 9 credit hours during summer semester such that the contact hours per week do not exceed 24.
- iv. Registration will only be allowed in a course if the pre-requisites, if specified, of the course have been completed successfully.
- v. Registration in a course section will be closed if the maximum permitted number of students has registered in it.
- vi. A course section may be canceled if less than the minimum numbers of students register in that section. Such students who have been denied registration due to cancellation of a section may add some alternate course(s) during add and drop period.

#### **4.4.12. Curriculum and Classification of Courses**

The curriculum, course identification numbers, the credit hours allocated to each course and detailed syllabus shall be according to the proposals made by the Board of Studies and the Board of Faculty concerned and approved by the Syndicate on the recommendations of the Academic Council.

Courses shall be classified as:

- i. “Theory” wherein the primary mode of teaching shall be lectures given by teachers supplemented by home assignments.
- ii. “Practical” wherein the primary mode of teaching shall be experiments, studio laboratory, designs, drawings, assignments and projects conducted/executed by students as specified in the syllabus.

#### **4.4.13. Theory Courses Evaluation and Contact Hours**

- i. In theory courses, there shall be a mid-semester examination of at least one hour duration and a comprehensive end semester examination of at least one and a half hour duration. These examinations shall carry 30% and 50% weightage towards the course grade, respectively.
- ii. The teacher shall schedule additional assessment instruments such as quizzes, assignments, presentations, seminars, group discussions, field study reports, etc. as specified in the syllabus or as determined by the teacher. These assessment instruments shall carry the remaining 20% weightage of the course.
- iii. There shall be one contact hour per week during Fall and Spring semesters and two contact hours per week during Summer semester for each credit hour assigned to theory courses.

#### **4.4.14. Practical Courses Evaluation and Contact Hours**

- i. In practical courses, each Experiment, Studio work, Jury Presentation, Design, Drawing, Project or Assignment shall be considered as an independent assessment instrument. Cumulative performance in all independent assessment instruments shall form the basis for evaluating a student.
- ii. There shall be two to three contact hours per week during Fall and Spring semesters and four to six contact hours per week during Summer semester for each credit hour assigned to practical courses.

#### **4.4.15. Project Evaluation and Contact Hours**

- i. In project, each exercise, project or assignment shall be assessed for process during its life time (Continuous Assessment) while the end product shall be assessed, right after its submission, through Viva-Voce / Jury examination (Terminal Assessment).
- ii. Continuous Assessment and Terminal Assessment of project may carry 60 and 40 percent weightage, respectively.
- iii. External Examiners / Jurors shall be involved in the assessment of all project evaluations.
- iv. There shall be two to four contact hours per week during Fall and Spring semesters for each credit hour assigned to projects.

#### **4.4.16. Semester Freeze**

- i. A student enrolled in four years bachelor's degree program can freeze maximum of two semesters throughout the degree duration.
- ii. A student enrolled in two years master's degree program can freeze maximum of one semester throughout the degree duration.
- iii. Freezing of first semester is not allowed, however under special <sup>1</sup>hardship circumstances freezing of first semester can be considered by the approval of Vice Chancellor.
- iv. Student can apply for semester freeze before the start of the semester.

#### **4.4.17. Attendance Rules**

- i. Students are expected to attend all the Lectures and Laboratories work pertaining to their courses of study and are required to attend at least 75% of the total Lectures/Lab work for each course to qualify for appearance in the final examination.

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<sup>1</sup> Iddat, Maternity/Delivery, Death in the immediate family or any other subject to acceptance on justified rationale.

- ii. In case a student fails to maintain 75% attendance in a course he/she shall not be allowed to appear in the Final Examination of that course and shall be placed under academic status F-SAT.
- iii. A 'W4' grade shall be awarded in the course in which he/she is short of attendance and shall not be used in computation of SGPA/CGPA. However, course withdrawal option may be exercised (as per rules) by the student. Courses repeated after short of attendance will not be suffixed with "(Repeat)".

#### **4.4.18. Absconding Students**

- i. If a student fails to register for classes before the end of fourth week of a regular semester (Fall/ Spring) or is absent from classes for 30 days or more in a regular semester (Fall/Spring), without information and approval of the HOD, admission of such a student will be suspended automatically.
- ii. Such a student may only be reinstated to continue studies at the University on the recommendation of the HOD and approval of the Dean of the Faculty, subject to payment of prescribed reinstatement fee which shall be equivalent to the Admission Fee enforced at the time of reinstatement. All outstanding dues are also to be cleared by the student before the reinstatement. However, such a student shall only be allowed to join the classes from beginning of the next semester available after the reinstatement. For the current semester the student shall be treated as if he/she dropped the semester.

Procedure specified below is to be followed for student admission suspension and reinstatement

- i. The Teaching Department concerned is to make absentee report of the student on the prescribed form to the Registrar Office giving details of absence of the student.
- ii. Registrar Office is to suspend the admission of the student and enrollment of courses forthwith, recording the same in the University information system for further disposal as per SOP. Student ID for login through LMS (if any) shall be disabled.
- iii. Registrar Office is to dispatch a letter addressed to the student, with a copy to the parent / guardian of the student, intimating about suspension of the admission. Copy of the same is to be kept in student's personal file.
- iv. Student desirous of reinstatement of admission is to apply for the same on the prescribed proforma.
- v. Student may be reinstated after scrutiny of his/her academic record of study at the University, adjudging his/her ability to complete the degree requirement while remaining within the maximum period allowed for the same and clearance of all outstanding dues including reinstatement fee. In case the student is found ineligible for reinstatement, his/her admission will be canceled.
- vi. On reinstatement, the student is to take appropriate action for course enrollment in the next semester and restoration of login ID for use of LMS (if any), etc.

#### **4.4.19. Change in Discipline**

- vii. A student may apply for change in discipline. The minimum admission merit of the discipline, being opted for, must be equal or lower than the merit of the opting student at the time of his/her admission.
- viii. The student opting to change his discipline must apply to the Vice Chancellor through his Chairman and the Dean. Acceptance shall depend on the availability of seats in the opted discipline and student's admission merit.
- ix. On acceptance of his/her request, the student shall start afresh with credit transfer for any course(s) studied in the original discipline which are applicable to the new discipline. He/she will be issued a new registration number and his maximum permissible degree duration count will start afresh.

#### **4.4.20. Transfer of Credits of Courses For Migrated Students**

- i. Students from other HEC approved universities and programs accrediting councils may apply for migration to this University in the same programs, in accordance with University's Migration Rules.
- ii. Following conditions shall govern transfer of courses (credits) to the University for courses studied elsewhere. Courses that do not satisfy these conditions shall not be transferred nor given any credit.
  - a. The course must correspond to a course offered by the University or be deemed equivalent in depth and intensity.
  - b. The student must have earned at least "70%" marks in case of absolute grading system or a minimum of "B-" grade or higher in a letter grading system similar to the one in this University. In case of any other grading system, the department shall decide with the above minimum limits in perspective. In case, both letter grades and marks are mentioned on the transcript, only letter grade will be considered for the purpose of transfer of semester credits.
  - c. The accumulative credits accepted for transfer in any program should not exceed one-half (50%) of the total credits required to complete that particular program, in any case.
  - d. The credits transferred are counted towards the degree requirements of the student. However, GPA of transferred credits shall not be counted towards the calculation of CGPA, and that only "Transferred" shall be written against those course(s) in which transfer of credits was allowed. In addition, migrated students shall neither be eligible for a merit position nor degree with Honours.
  - e. Migrating student may be deficient in courses as compared to the class which he has joined. Such a student shall repeat these courses. In case, he is studying a particular course for the first time, it will not be classified as repeated course for him.

#### **4.4.21. Transfer of Credits and Grade Points of Courses For Re-Admitted Students**

“Courses” and “grades of courses”, studied during a period before re-admission shall stand exempted except those with D+, D and F grade. To facilitate a re-admitted student, the CGPA after re-admission shall be calculated considering all courses learnt by him/her excluding those in which he/she has obtained D+, D or F grade before re-admission. The Interim Transcript shall show all attempts made by the student. However, for each course only the best one shall be considered in CGPA calculation. After re-admission, the student shall be placed in the semester recommended by the department. A re-admitted student shall not be allowed to repeat a course with grade “C” or above. Repetition of course with “C-“ grade, before re-admission, is permitted. In addition, re-admitted students shall neither be eligible for a merit position nor degree with Honours.

#### **4.4.22. Transfer of Credits of Courses For Double Degree Students**

Credit hours of courses, as recommended by the concerned department, in which they have earned a minimum of 40% marks or a minimum grade of “C” (as the case may be) during their first degree program within the University shall stand transferred and they shall be placed in the semester recommended by the department. The credits transferred are counted towards the degree requirements of the student. However, GPA of transferred credits shall not be counted towards the calculation of CGPA, and that only “Transferred” shall be written against those course(s) in which transfer of credits was allowed. In addition, double degree students shall neither be eligible for a merit position nor a degree with Honours.

#### **4.4.23. Exchange Students**

Foreign students under student exchange program will be enrolled for any semester or for any single course and university will issue transcript with letter grades at the end of the semester.

#### **4.4.24. Transfer of Credits of Courses For Exchange Students**

Following conditions shall govern transfer of courses (credits) to the University for courses studied elsewhere as Exchange students under an HEC or University approved scheme. Courses that do not satisfy these conditions shall not be transferred nor given any credit.

- i. The course must correspond to a course offered by the university or be deemed equivalent in depth and intensity.
- ii. The student must have earned at least “40%” marks in case of absolute grading system or a minimum of “C” grade or higher in a letter grading system similar to the one in this University. In case of any other grading system, the department shall decide with the above minimum limits in perspective. In case, both letter grades and marks are mentioned on the transcript, only letter grade will be considered for the purpose of transfer of semester credits.
- iii. The credits transferred are counted towards the degree requirements of the student. However, GPA of transferred credits shall not be counted towards the calculation of CGPA, and that only “Transferred” shall be written against those course(s) in which transfer of credits was allowed. In addition, such students shall neither be eligible for a merit position nor degree with Honours.

#### **4.4.25. Temporary Students**

- i. University may enroll a duly qualified person as Temporary Student on the payment of the prescribed course fee and on the recommendation of the course teacher and the Head of the Department concerned for up to 9 credit hours of courses in a semester.
- ii. A temporary student will not be eligible for award of degree. However, the University shall issue transcript with the letter grades earned by the temporary student at the end of the semester.
- iii. Temporary student will be assigned a temporary registration number and registered according to rules and regulations for regular students but will not be classified as regular student.
- iv. Courses completed successfully as temporary student may be used for credit towards a degree program at the University within two years.
- v. Temporary students shall have no special claim or right for admission into a degree program. In order to be admitted as a regular student in a degree program they shall have to meet the eligibility and merit criteria for admission into the program.

#### **4.4.26. Equivalent Courses At MCUT**

Courses being taught at MCUT can be made equivalent if their contents or type is same.

#### **4.4.27. Content wise equivalent courses**

Inter departmental courses/courses from within the department are equivalent if they all have same contents and are of same type. This is applicable to core courses and university electives included in plan of studies.

#### **4.4.28. Logically equivalent courses**

Elective courses of any program plan of studies are logically equivalent if they belong to same category and they can fulfill degree requirements in replacement of each other. Logically equivalent courses studied by student may not be considered as repeat.

#### **4.4.29. Interpretation**

If any question arises regarding the interpretation of these regulations the matter shall be deliberated by the academic administration consisting of Head of the Department, Controller of Examinations, Registrar, Deans and Vice Chancellor and their decision thereon shall be final.

#### **4.4.30. Removal of Difficulties**

If any difficulty arises in giving effect to any of the provisions of these Regulations, the Vice Chancellor in individual cases may make such decision, not inconsistent with the spirit of these Regulations, as may appear to necessary for the purpose of removing the difficulty, provided that such a decision is not ultra vires of the Act.

# **Chapter 5**

## **Life on Campus**

## Chapter 5

### Life on Campus

#### 5.1. Student Societies at the University

Worthy vice chancellor, Prof. Dr. Mahmood Saleem is determined to provide excellent learning experience for the students of Mir Chakar Khan Rind University. An important aspect of this target is to facilitate students with their personality grooming by allowing them to engage in various activities through university societies. Therefore, following student societies have been formed and students are excited to become a part of these societies.



##### 5.1.1. Seminars / Events

University organized a number of seminars on various occasions to share the spirit of those occasion with the students and faculty members. The details of the seminars that were organized by the university as well as the seminars that were attended by the faculty members is given in the following sections.

## Seminar Organized

**Table 5-1: Seminars organized by the university**

S. No	Title of Seminar / Event	Invited Speakers (If any)	Date
1	Seminar on Kashmir Solidarity Day	Mr. Muhammad Hanif Khan Pitafi, (Advisor to the Chief Minister for Health, Punjab)  Ms. Zartaj Gul, Federal (Minister for Environment and climate change)	5 <sup>th</sup> February, 2021
2	Seminar on Anti-Corruption Day	Mr. Muhammad Hanif Khan Pitafi, (Advisor to the Chief Minister for Health, Punjab)	22 <sup>nd</sup> October, 2021
3	Seminar on Kashmir Black Day	Mr. Muhammad Hanif Khan Pitafi, (Advisor to the Chief Minister for Health, Punjab)  Ms. Zartaj Gul, Federal (Minister for Environment and climate change)	27 <sup>th</sup> October, 2021
4	Students visit to Punjab University, Lahore for Laboratory Experiments	--	
5	New students' Welcome	--	

## 5.2. Sports Activities



Glimpses of sports activities in the university