

**Faculty Teaching load (B.Tech/ M.Tech) for the Department of Mechanical Engineering, Autumn 2022**

<b>B.Tech (Mechanical Engineering)</b>			
<b>2nd Semester</b>			
<b>Mechanical Engineering Department</b>			
<b>Courses</b>	<b>Contact Hours</b>	<b>Concerned Teacher</b>	<b>Department</b>
Engineering Mathematics-II	3	Dr. Irfan Faiq	Applied Science
Fundamentals of Electronics Engineering	3	Ms. Samia Ishiq	Electronics and Communication Engineering
Fundamentals of Electronics Engineering Lab	4	Ms. Samia Ishiq	Electronics and Communication Engineering
Principles of Electrical Engineering	3	Dr. Rayees Thokar	Electrical Engineering
Principles of Electrical Engineering Lab	4	Dr. Rayees Thokar	Electrical Engineering
Environmental Science	3	Dr. Baseerat Gulzar	Applied Science
Computer Aided Drawing	4	Ms. Sania Qadri	Mechanical Engineering
Engineering Mechanics	4	Junaid Hassan Masoodi	Mechanical Engineering
Work Shop Practice-B	4	Dr. M Zehab Ud Din	Mechanical Engineering
		Er. M Sarwar (Workshop Instructor)	Mechanical Engineering
<b>Other Departments (Electrical Engineering Department)</b>			
Computer Aided Drawing	6	Dr. M Zehab Ud Din	Mechanical Engineering
Engineering Mechanics	4	Dr. Farooq Ahmad Bhat	Mechanical Engineering
Work Shop Practice-B	4	Ms. Sania Qadri	Mechanical Engineering
		Er. M Sarwar (Workshop Instructor)	Mechanical Engineering
<b>Other Departments (Civil Engineering Department)</b>			
Computer Aided Drawing	6	Dr. Arjumand Rasool	Mechanical Engineering
Engineering Mechanics	4	Mr. Danish Yaqoob	Mechanical Engineering
Work Shop Practice-B	4	Dr. Kaleem Ahmad Najar	Mechanical Engineering
		Er. M Sarwar (Workshop Instructor)	Mechanical Engineering
<b>Other Departments (Electronics and Communication Engineering)</b>			
Computer Aided Drawing	6	Dr. Summera Banday	Mechanical Engineering
Work Shop Practice-A	4	Dr. Farooq Ahmad Bhat	Mechanical Engineering
		Er. Sajad Hameed (Workshop Instructor)	Mechanical Engineering

<b>Faculty Teaching Load (DoME)</b>		
<b>Faculty Available</b>		<b>Contact Hours</b>
Mr. Qazi Junaid Ashraf (Assistant Professor)	Substantive	9 (Study leave for Six Months from March 2022)
Junaid Hassan Masoodi (Assistant Professor)	Substantive	18
Dr. Farooq Ahmad Najar (Assistant Professor)	Substantive	18
Mr. Adil Mudasar Khan (Assistant Professor)	Substantive	16
Dr. Summera Banday (Lecturer)	Contractual	19
Dr. Mushtaq Ahmad Rather (Lecturer)	Contractual	24
Dr. Arjumand Rasool (Lecturer)	Contractual	18
Dr. Farooq Ahmad Bhat (Lecturer)	Contractual	17
Mr. Danish Yaqoob (Lecturer)	Contractual	21
Dr. M. Zehab Ud Din (Lecturer)	Contractual	23
Dr. Kaleem Ahmad Najar (Lecturer)	Contractual	18
Ms. Sania Qadri (Lecturer)	Contractual	18
Dr. Irfan Faiq	Contractual	6
Ms. Samia Ishiq	Contractual	7
Dr. Rayees Thokar	Substantive/Contractual	11
Dr. Rayees Thokar	Substantive/Contractual	3
Dr. Baseerat Gulzar	Substantive/Contractual	3
<b>Deficit</b>		<b>8</b>

<b>4th Semester</b>			
<b>Mechanical Engineering Department</b>			
<b>Courses</b>	<b>Contact Hours</b>	<b>Concerned Teacher</b>	<b>Department</b>
Laplace Fourier and Z Trnsforms	3	Dr. Irfan Faiq	Mechanical Engineering
Solid Mechanics-I	4	Mr. Adil Mudasar Khan	Mechanical Engineering
Solid Mechanics-I Lab (G1)	2	Mr. Adil Mudasar Khan	Mechanical Engineering
Solid Mechanics-I Lab (G2)	2	Dr. Farooq Ahmad Bhat	Mechanical Engineering
Theory of Machines-I	4	Dr. Mushtaq Ahmad Rather	Mechanical Engineering
Theory of Machines-I Lab (G1)	2	Mr. Qazi Junaid Ashraf	Mechanical Engineering
Theory of Machines-I Lab (G2)	2	Dr. Mushtaq Ahmad Rather	Mechanical Engineering
Manufacturing Technology-II	3	Ms. Sania Qadri	Mechanical Engineering
Manufacturing Technology-II Lab (G1)	2	Ms. Sania Qadri	Mechanical Engineering
Manufacturing Technology-II Lab (G2)	2	Dr. Summera Banday	Mechanical Engineering
Applied Thermodynamics	3	Dr. Mushtaq Ahmad Rather	Mechanical Engineering
Applied Thermodynamics Lab (G1)	2	Dr. Mushtaq Ahmad Rather	Mechanical Engineering
Applied Thermodynamics Lab (G2)	2	Mr. Adil Mudasar Khan	Mechanical Engineering
Measurement and Instrumentation	3	Dr. Arjumand Rasool	Mechanical Engineering
Measurement and Instrumentation Lab (G1)	2	Dr. Arjumand Rasool	Mechanical Engineering
Measurement and Instrumentation Lab (G2)	2	Ms. Sania Qadri	Mechanical Engineering

<b>6th Semester</b>			
<b>Mechanical Engineering Department</b>			
<b>Courses</b>	<b>Contact Hours</b>	<b>Concerned Teacher</b>	<b>Department</b>
Automatic Control	4	Dr. Rayees Thokar	Department of Electrical Engineering

Machine Design-II	4	Dr. Kaleem Ahmad Najar	Mechanical Engineering
Heat Transfer	4	Dr. Farooq Ahmad Najar	Mechanical Engineering
Heat Transfer Lab (G1)	2	Dr. Farooq Ahmad Najar	Mechanical Engineering
Heat Transfer Lab (G2)	2	Dr. Arjumand Rasool	
Fluid Machinery	4	Dr. M Zehab Ud Din	Mechanical Engineering
Fluid Machinery Lab (G1)	2	Dr. M Zehab Ud Din	Mechanical Engineering
Fluid Machinery Lab (G2)	2	Junaid Hassan Masoodi	Electrical Engineering
Linear Optimization In Engineering	4	Mr. Danish Yaqoob	Mechanical Engineering
Seminar (G1)	3	Junaid Hassan Masoodi	Mechanical Engineering
Seminar (G2)	3	Mr. Qazi Junaid Ashraf	Mechanical Engineering
Seminar (G3)	3	Dr. Farooq Ahmad Najar	Mechanical Engineering
Seminar (G4)	3	Mr. Adil Mudasir Khan	Mechanical Engineering
Seminar (G5)	3	Dr. Summera Banday	Mechanical Engineering
Seminar (G6)	3	Dr. Mushtaq Ahmad Rather	Mechanical Engineering
Seminar (G7)	3	Dr. Arjumand Rasool	Mechanical Engineering
Seminar (G8)	3	Dr. Farooq Ahmad Bhat	Mechanical Engineering
Seminar (G9)	3	Mr. Danish Yaqoob	Mechanical Engineering
Seminar (G10)	3	Dr. M Zehab Ud Din	Mechanical Engineering
Seminar (G11)	3	Dr. Kaleem Ahmad Najar	Mechanical Engineering
Seminar (G12)	3	Ms. Sania Qadri	Mechanical Engineering

8th Semester			
Mechanical Engineering Department			
Courses	Contact Hours	Concerned Teacher	Department
Refregeration and Air conditioning	4	Mr. Danish Yaqoob	Mechanical Engineering
Refregeration and Air conditioning Lab (G1)	2	Mr. Danish Yaqoob	Mechanical Engineering
Refregeration and Air conditioning Lab (G2)	2	Dr. Arjumand Rasool	Mechanical Engineering
Fundamentals of Tribology	4	Dr. Summera Banday	Mechanical Engineering
Value Engineering	3	Dr. Kaleem Ahmad Najar	Mechanical Engineering
Project (G1)	4	Junaid Hassan Masoodi	Mechanical Engineering
Project (G2)	4	Mr. Qazi Junaid Ashraf	Mechanical Engineering
Project (G3)	4	Dr. Farooq Ahmad Najar	Mechanical Engineering
Project (G4)	4	Mr. Adil Midasir Khan	Mechanical Engineering
Project (G5)	4	Dr. Summera Banday	Mechanical Engineering
Project (G6)	4	Dr. Mushtaq Ahmad Rather	Mechanical Engineering
Project (G7)	4	Dr. Arjumand Rasool	Mechanical Engineering
Project (G8)	4	Dr. Farooq Ahmad Bhat	Mechanical Engineering
Project (G9)	4	Mr. Danish Yaqoob	Mechanical Engineering
Project (G10)	4	Dr. M Zehab Ud Din	Mechanical Engineering
Project (G11)	4	Dr. Kaleem Ahmad Najar	Mechanical Engineering
Project (G12)	4	Ms. Sania Qadri	Mechanical Engineering

M.Tech (Design Engineering)			
1st Semester			
Mechanical Engineering Department			
Courses	Contact Hours	Concerned Teacher	Department
Finite Element Methods (Core-I)	5	Mr. Adil Mudasir Khan	Mechanical Engineering
Computational Fluid Dynamics (Core-I)	5	Junaid Hassan Masoodi	Mechanical Engineering
Design Thinking	2	Dr. Mushtaq Ahmad Rather	Mechanical Engineering
Professional Elective I (Continuum Mechanics/ Tribology in Design/ Manufacturing Technology)	5	Dr. Farooq Ahmad Najar	Mechanical Engineering
	4	Deficit	
Professional Elective II (Principles of Solar Thermal Engineeing/ Cryogenic Engineering)	4	Deficit	Mechanical Engineering
	4	Dr. Mushtaq Ahmad Rather	Mechanical Engineering

Junaid Hassan Masoodi  
Coordinator  
Department of Mechanical Engineering