

Annexure-II

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

B.Tech (Mechanical Engineering)			
1st Semester			
Mechanical Engineering Department			
Courses	Contact Hours	Concerned Teacher	Department
Engineering Mathematics-I	3	Dr. Irfan Faiq	Appled Science
Engineering Physics	3	Dr. Shabir Akhooon	Appled Science
Engineering Physics Lab	4	Dr. Shabir Akhooon	Appled Science
Engineering Chemistry	3	Dr. Baseerat Hamzah	Appled Science
Engineering Chemistry Lab	4	Dr. Baseerat Hamzah	Appled Science
Computer Programming with C	3	Dr. Bilal Malik	Electronics and Communication Engineering
Computer Programming with C Lab	4	Dr. Bilal Malik	Electronics and Communication Engineering
Professional Communication	3	Dr. Rasak Annayat	Appled Science
Engineering Drawing	4	Dr. Arjumand Rasool	Mechanical Engineering
Engineering Mechanics	4	Mr. Adil Mudasir Khan	Mechanical Engineering
Work Shop Practice-A	2	Mr. Mohammad Zehab Ud Din	Mechanical Engineering
Other Departments (Electrical Engineering Department)			
Engineering Drawing	4	Dr. Arjumand Rasool	Mechanical Engineering
Work Shop Practice-A	2	Dr. Mushtaq Ahmad Rather	Mechanical Engineering
Other Departments (Civil Engineering Department)			
Engineering Drawing	4	Faculty from Civil Engineering Department	
Work Shop Practice-A	2	Dr. Kaleem Ahmad Najar	Mechanical Engineering
Other Departments (Electronics and Communication Engineering)			
Engineering Drawing	4	Faculty from Civil Engineering Department	
Engineering Mechanics	4	Mr. Danish Yaqoob	Mechanical Engineering
Work Shop Practice-B	4	Dr. Farooq Ahmad Bhat	Mechanical Engineering

3rd Semester			
Mechanical Engineering Department			
Courses	Contact Hours	Concerned Teacher	Department
Fundamentals of Dynamics	3	Dr. Farooq Ahmad Bhat	Mechanical Engineering
Computer Aided Machine Drawing	6	Mr. Mohammad Zehab Ud Din	Mechanical Engineering
Materials Engineering	3	Mr. Mohammad Zehab Ud Din	Mechanical Engineering
Materials Engineering Lab (G1)	2	Mr. Mohammad Zehab Ud Din	Mechanical Engineering
Materials Engineering Lab (G2)	2	Dr. Summera Banday	Mechanical Engineering
Basic Engineering Thermodynamics	3	Dr. Mushtaq Ahmad Rather	Mechanical Engineering
Manufacturing Technology-I	3	Dr. Summera Banday	Mechanical Engineering
Manufacturing Technology-I Lab (G1)	2	Dr. Farooq Ahmad Najar	Mechanical Engineering
Manufacturing Technology-I Lab (G2)	2	Dr. Summera Banday	Mechanical Engineering
Fluid Mechanics	4	Ms. Sania Qadri	Mechanical Engineering
Fluid Mechanics Lab (G1)	2	Ms. Sania Qadri	Mechanical Engineering
Fluid Mechanics Lab (G2)	2	Junaid Hassan Masoodi	Mechanical Engineering

5th Semester			
Mechanical Engineering Department			
Courses	Contact Hours	Concerned Teacher	Department
Machine Design-I	4	Dr. Kaleem Ahmad Najar	Mechanical Engineering
Manufacturing Technology-II	3	Dr. Summera Banday	Mechanical Engineering
Manufacturing Technology-II Lab (G1)	2	Dr. Summera Banday	Mechanical Engineering
Manufacturing Technology-II Lab (G2)	2	Dr. Arjumand Rasool	Mechanical Engineering
Industrial Engineering-II	4	Ms. Sania Qadri	Mechanical Engineering

Faculty Teaching Load (DoME)/ Other Departments		
Faculty Available		Contact Hours
Mr. Qazi Junaid Ashraf (Department of Mech. Engg.)	Substantive	On Study Leave for Six Months from 1st March, 2022
Junaid Hassan Masoodi (Department of Mech. Engg.)	Substantive	23
Dr. Farooq Ahmad Najar (Department of Mech. Engg.)	Substantive	21
Mr. Adil Mudasir Khan (Department of Mech. Engg.)	Substantive	17
Dr. Summera Banday (Department of Mech. Engg.)	Contractual	22
Dr. Mushtaq Ahmad Rather (Department of Mech. Engg.)	Contractual	19
Dr. Arjumand Rasool (Department of Mech. Engg.)	Contractual	26
Dr. Farooq Ahmad Bhat (Department of Mech. Engg.)	Contractual	17
Mr. Danish Yaqoob (Department of Mech. Engg.)	Contractual	22
Mr. Mohammad Zehab Ud Din (Department of Mech. Engg.)	Contractual	23
Dr. Kaleem Ahmad Najar (Department of Mech. Engg.)	Contractual	21
Ms. Sania Qadri (Department of Mech. Engg.)	Contractual	22
Dr. Irfan Faiq (Department of Applied Science)	Contractual	7
Dr. Shabir Akhooon (Department of Applied Science)	Contractual	7
Dr. Baseerat Hamzah (Department of Applied Science)	Contractual	7
Dr. Bilal Malik (Department of ECE Engg.)	Substantive	7
Mr. Rouf Ul Alam (Department of ECE Engg.)	Substantive	3
Ms. Saba Fazli (Department of Elec. Engg.)	Contractual	0
Dr. Fozia Jan (Management Studies)	Contractual	2
Deficit		8

Industrial Engineering-II Lab	2	Ms. Sania Qadri	Mechanical Engineering
Industrial Engineering-II Lab	2	Mr. Adil Mudasir Khan	Mechanical Engineering
Engineering Mathematics-IV	4	Dr. Irfan Faiq	Mechanical Engineering
Measurement and Instrumentation	4	Dr. Arjumand Rasool	Mechanical Engineering
Introduction to Mechanical Vibrations	4	Mr. Adil Mudasir Khan	Mechanical Engineering
Introduction to Mechanical Vibrations Lab (G1)	2	Mr. Adil Mudasir Khan	Mechanical Engineering
Introduction to Mechanical Vibrations Lab (G1)	2	Mr. Danish Yaqoob	Mechanical Engineering

7th Semester			
Mechanical Engineering Department			
Courses	Contact Hours	Concerned Teacher	Department
Compressible Fluid Flow	4	Junaid Hassan Masoodi	Mechanical Engineering
Compressible Fluid Flow Lab (G1)	2	Junaid Hassan Masoodi	Mechanical Engineering
Compressible Fluid Flow Lab (G2)	2	Dr. Arjumand Rasool	Mechanical Engineering
Internal Combustion Engines	4	Mr. Danish Yaqoob	Mechanical Engineering
Internal Combustion Engines Lab (G1)	2	Mr. Danish Yaqoob	Mechanical Engineering
Internal Combustion Engines Lab (G1)	2	Dr. Kaleem Ahmad Najar	Mechanical Engineering
Power Plant Engineering	3	Dr. Kaleem Ahmad Najar	Mechanical Engineering
Numerical Techniques	4	Dr. Farooq Ahmad Najar	Mechanical Engineering
Introduction to Mechatronics	3	Mr. Rouf Ul Alam	Electronics and Communication Engineering
Pre Project (G1)	10	Junaid Hassan Masoodi	Mechanical Engineering
Pre Project (G2)	10	Deficit (Mr. Qazi Junaid Ashraf, 6 Month Study Leave)	Mechanical Engineering
Pre Project (G3)	10	Dr. Farooq Ahmad Najar	Mechanical Engineering
Pre Project (G4)	10	Mr. Adil Midasir Khan	Mechanical Engineering
Pre Project (G5)	10	Mr. Danish Yaqoob	Mechanical Engineering
Pre Project (G6)	10	Mr. Mohammad Zehab Ud Din	Mechanical Engineering
Pre Project (G7)	10	Dr. Farooq Ahmad Bhat	Mechanical Engineering
Pre Project (G8)	10	Dr. Kaleem Ahmad Najar	Mechanical Engineering
Pre Project (G9)	10	Dr. Summera Banday	Mechanical Engineering
Pre Project (G10)	10	Ms. Sania Qadri	Mechanical Engineering
Pre Project (G11)	10	Dr. Arjumand Rasool	Mechanical Engineering
Pre Project (G12)	10	Dr. Mushtaq Ahmad Rather	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. Fozia Jan	Mechanical Engineering
Professional Elective I (Continuum Mechanics/ Tribology in Design)	4	Deficit	Mechanical Engineering
	5	Dr. Farooq Ahmad Najar	Mechanical Engineering
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