

Faculty teaching load (B.Tech/ M. Tech for session, Spring_2023 (DoME)

Annexure-A
(Spring 2023)

Faculty Teaching load (B.Tech/ M.Tech) for the Department of Mechanical Engineering, Spring 2023

B.Tech (Mechanical Engineering)			
2nd Semester (Batch 2022)			
Mechanical Engineering Department			
Courses	Contact Hours	Concerned Teacher	Department
Engineering Mathematics-II	3	Faculty from Applied Science Department	Applied Science
Fundamentals of Electronics Engineering	3	Faculty from Electronics and Communication Engineering Department	Electronics and Communication Engineering
Fundamentals of Electronics Engineering Lab	4	Faculty from Electronics and Communication Engineering Department	Electronics and Communication Engineering
Principles of Electrical Engineering	3	Faculty from Electrical Engineering Department	Electrical Engineering
Principles of Electrical Engineering Lab	4	Faculty from Electrical Engineering Department	Electrical Engineering
Environmental Science	3	Faculty from Applied Science Department	Applied Science
Computer Aided Drawing	3	Ms. Sania Qadri	Mechanical Engineering
	3	Dr. Kaleem Ahmad Najar	Mechanical Engineering
Engineering Mechanics	4	Dr. Mohammad Zehab Ud Din	Mechanical Engineering
Work Shop Practice-B	4	Dr. Mohammad Zehab Ud Din	Mechanical Engineering
	4	Dr. Mushtaq Ahmad Rather	Mechanical Engineering
Other Departments (Electrical Engineering Department)			
Computer Aided Drawing	6	Dr. Summera Banday	Mechanical Engineering
Engineering Mechanics	4	Dr. Showkat Ahmad Kanth	Mechanical Engineering
Work Shop Practice-B	4	Dr. Showkat Ahmad Kanth	Mechanical Engineering
	4	Dr. Arjumand Rasool	Mechanical Engineering
Other Departments (Civil Engineering Department)			
Computer Aided Drawing	6	Dr. Arjumand Rasool	Mechanical Engineering
Engineering Mechanics	4	Mr. Danish Yaqoob	Mechanical Engineering
Work Shop Practice-B	4	Dr. Ishfaq Amin Makaei	Mechanical Engineering
	4	Dr. Kaleem Ahmad Najar	Mechanical Engineering
Other Departments (Electronics and Communication Engineering)			
Computer Aided Drawing	6	Dr. Ishfaq Amin Makaei	Mechanical Engineering
Work Shop Practice-A	2	Dr. Showkat Ahmad Kanth	Mechanical Engineering
	2	Dr. Mushtaq Ahmad Rather	Mechanical Engineering
3rd Semester (Batch 2021)			
Mechanical Engineering Department			
Courses	Contact Hours	Concerned Teacher	Department
Fundamentals of Dynamics	3	Mr. Danish Yaqoob	Mechanical Engineering
Computer Aided Machine Drawing	6	Dr. Mohammad Zehab Ud Din	Mechanical Engineering
Materials Engineering	3	Dr. Arjumand Rasool	Mechanical Engineering
Materials Engineering Lab (G1)	2	Dr. Arjumand Rasool	Mechanical Engineering
Materials Engineering Lab (G2)	2	Mr. Qazi Junaid Ashraf	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. Summera Banday	Mechanical Engineering
Manufacturing Technology-I Lab (G2)	2	Dr. Farooq Ahmad Najar	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	Mr. Danish Yaqoob	Mechanical Engineering
Other Departments (Civil Engineering Department)			
Fluid Mechanics-I	4	Ms. Sania Qadri	Mechanical Engineering
Fluid Mechanics-I Lab (G1)	2	Ms. Sania Qadri	Mechanical Engineering
Fluid Mechanics-I Lab (G2)	2	Ms. Sania Qadri	Mechanical Engineering
5th Semester (Batch 2020)			
Mechanical Engineering Department			
Courses	Contact Hours	Concerned Teacher	Department
Complex Analysis	3	Faculty from Applied Science	Mechanical Engineering
Heat Transfer	4	Dr. Showkat Ahmad Kanth	Mechanical Engineering
Heat Transfer Lab (G1)	2	Dr. Showkat Ahmad Kanth	Mechanical Engineering
Heat Transfer Lab (G2)	2	Dr. Farooq Ahmad Najar	Mechanical Engineering
Fluid Machinery	4	Dr. Mohammad Zehab Ud Din	Mechanical Engineering
Fluid Machinery Lab (G1)	2	Dr. Mohammad Zehab Ud Din	Mechanical Engineering
Fluid Machinery Lab (G2)	2	Junaid Hassan Masoodi	Mechanical Engineering
Theory of Machines-II	4	Dr. Ishfaq Amin Makaei	Mechanical Engineering
Theory of Machines-II-Lab (G1)	2	Mr. Qazi Junaid Ashraf	Mechanical Engineering
Theory of Machines-II-Lab (G2)	2	Dr. Ishfaq Amin Makaei	Mechanical Engineering

Faculty Teaching Load (DoME)/ Other Departments				
Faculty Available		Classes/ Labs Contact Hours	Projects/ Seminars Contact Hours	Total Contact Hours
Mr. Qazi Junaid Ashraf (Department of Mech. Engg.)	Substantive	13	10	23
Junaid Hassan Masoodi (Department of Mech. Engg.)	Substantive	15	10	25
Dr. Farooq Ahmad Najar (Department of Mech. Engg.)	Substantive	16	10	26
Mr. Adil Mudassir Khan (Department of Mech. Engg.)	Substantive	15	10	25
Dr. Summera Banday (Department of Mech. Engg.)	Contractual	15	10	25
Dr. Showkat Ahmad Kanth (Department of Mech. Engg.)	Contractual	16	0	16
Dr. Mohammad Zehab Ud Din (Department of Mech. Engg.)	Contractual	20	10	30
Dr. Mushtaq Ahmad Rather (Department of Mech. Engg.)	Contractual	13	10	23
Dr. Ishfaq Amin Makaei (Department of Mech. Engg.)	Contractual	16	0	16
Dr. Arjumand Rasool (Department of Mech. Engg.)	Contractual	15	10	25
Mr. Danish Yaqoob (Department of Mech. Engg.)	Contractual	15	0	15
Dr. Kaleem Ahmad Najar (Department of Mech. Engg.)	Contractual	14	10	24
Ms. Sania Qadri (Department of Mech. Engg.)	Contractual	17	10	27
Faculty from Management Studies	Contractual	6	0	6
Faculty from Electronics and Communication Engineering Department	-	15	0	15
Faculty from Electrical Engineering Department	-	7	0	7
Faculty from Applied Science Department	-	6	0	6
Deficit		22	0	22

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Solid Mechanics-II	4	Mr. Adil Mudasir Khan	Mechanical Engineering
Automation in Manufacturing	3	Dr Kaleem Ahmad Najar	Mechanical Engineering
Automation in Manufacturing Lab (G1)	2	Dr Kaleem Ahmad Najar	Mechanical Engineering
Automation in Manufacturing Lab (G2)	2	Dr. Summera Banday	Mechanical Engineering

7th Semester (Batch 2019)			
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	Mr. Adil Mudasir Khan	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. Summera Banday	Mechanical Engineering
Power Plant Engineering	3	Dr. Kaleem Ahmad Najar	Mechanical Engineering
Numerical Techniques	4	Mr. Adil Mudasir Khan	Mechanical Engineering
Introduction to Mechatronics	3	Faculty from Electronics and Communication Engineering Department	Electronics and Communication Engineering
Industrial Training	2	Junaid Hassan Masoodi	Mechanical Engineering
	2	Dr. Farooq Ahmad Najar	Mechanical Engineering
Pre Project (G1) (Total Hours=10)	10	Junaid Hassan Masoodi	Mechanical Engineering
Pre Project (G2) (Total Hours=10)	10	Mr. Qazi Junaid Ashraf	Mechanical Engineering
Pre Project (G3) (Total Hours=10)	10	Dr. Farooq Ahmad Najar	Mechanical Engineering
Pre Project (G4) (Total Hours=10)	10	Mr. Adil Mudasir Khan	Mechanical Engineering
Pre Project (G5) (Total Hours=10)	10	Dr. Summera Banday	Mechanical Engineering
Pre Project (G6) (Total Hours=10)	10	Dr. Mushtaq Ahmad Rather	Mechanical Engineering
Pre Project (G7) (Total Hours=10)	10	Dr. Mohammad Zehab Ud Din	Mechanical Engineering
Pre Project (G8) (Total Hours=10)	10	Dr. Arjumand Rasool	Mechanical Engineering
Pre Project (G9) (Total Hours=10)	10	Dr. Kaleem Ahmad Najar	Mechanical Engineering
Pre Project (G10) (Total Hours=10)	10	Ms. Sania Qadri	Mechanical Engineering

M.Tech (Design Engineering)			
1st Semester (Batch 2022)			
Mechanical Engineering Department			
Courses	Contact Hours	Concerned Teacher	Department
Finite Element Methods (Core-1)	5	Mr. Qazi Junaid Ashraf	Mechanical Engineering
Computational Fluid Dynamics (Core-1)	5	Junaid Hassan Masoodi	Mechanical Engineering
Design Thinking	3	Faculty from Management Studies	Mechanical Engineering
Professional Elective A			
Continuum Mechanics	4	Deficit	Mechanical Engineering
Tribology in Design	5	Dr. Farooq Ahmad Najar	Mechanical Engineering
Professional Elective B			
Principles of Solar Thermal Engineering	4	Deficit	Mechanical Engineering
Cryogenic Engineering	4	Dr. Mushtaq Ahmad Rather	Mechanical Engineering

M.Tech (Design Engineering)			
2nd Semester (Batch 2021)			
Mechanical Engineering Department			
Courses	Contact Hours	Concerned Teacher	Department
Introduction to Theory of Plates and Shells (Core-1)	5	Mr. Adil Mudasir Khan	Mechanical Engineering
Conduction and Radiation (Core-2)	5	Dr. Farooq Ahmad Najar	Mechanical Engineering
Project Management	3	Faculty from Management Studies	Mechanical Engineering
Professional Elective C			
Computer Aided Engineering Design	5	Deficit	Mechanical Engineering
Fracture Mechanics	4	Mr. Qazi Junaid Ashraf	Mechanical Engineering
Open Elective			
Computational Methods in Engineering	5	Deficit	Mechanical Engineering
Cost Management of Engineering Projects	3	Deficit	Mechanical Engineering
Artificial Intelligence and Machine Learning	5	Faculty from Electronics and Communication Engineering Department	Mechanical Engineering

Junaid Hassan Masoodi
Coordinator
 Department of Mechanical Engineering