



National Institute of Technology Srinagar, Hazratbal, Kashmir, 190006

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Department of Mechanical Engineering

Specialization of Faculty Members

S.No.	Name of Faculty Member	Designation	Field of Specialization
1.	Prof. Rakesh Sehgal	Professor	Materials Tribology, Bearing Tribology and Synthesis and Analysis of Mechanism
2.	Prof. Mohammad Farooq Wani	Professor	Tribology, Tribology of advanced ceramics & Nano Ceramics, Life Cycle Engineering
3.	Prof. G. A. Harmain	Professor	Computational Mechanics, FEM, Thermo elasticity and Second Sound Fracture Mechanics and Mat. Fat
4.	Prof. Nazir Ahmad Sheikh	Professor	Aircraft wing vibration, Smart Structures, Finite elements
5.	Prof. Babar Ahmad	Professor	Haptics and Control Systems, MEMS Modeling and Simulation, Fuel Cells (DMFCs) and Membrane synthesis
6.	Prof. M. M. Wani	Professor	Engine Design To Meet Future Emission Norms, Turbo-charging And Downsizing Of Spark Ignition Engines. Alternative Fuels For I C Engines. Computational Fluid Dynamic Applications In Engine Design.
7.	Prof. Adnan Qayoom	Professor	Experimental Fluid Mechanics, Heat Transfer Augmentation, Design of Thermal Systems
8.	Dr. M. Hanief	Associate Professor	Wear modeling, Materials, Tribology
9.	Dr. Saad Parvez	Associate Professor	Manufacturing strategy, Project management, Quality control
10.	Dr. Sheikh Shahid Saleem	Associate Professor	Tribology of Super alloys
11.	Dr. M.S. Charoo	Associate Professor	Nano lubrication, Materials, Tribology
12.	Dr. M. Mursaleen	Associate Professor	Smart Structures, Mathematical modeling
13.	Dr. Majid H Koul	Assistant Professor	Haptics, Robotics, Multibody Dynamics, Mechatronics
14.	Dr. Mukund Dutt	Assistant Professor	Tribology, Machining, Optimization

	Sharma		and Modelling
15.	Dr. H. S. Pali	Assistant Professor	Utilization of Biofuel in I C Engine. Engine Performance, Emission and Combustion Thermal Energy Systems
16.	Dr. Noor Zaman Khan	Assistant Professor	Welding, Materials Processing, Machining, Optimization
17.	Dr. Mohsin Khan	Assistant Professor	Composite Materials, Computational Methods, Experimental Fluid Mechanics
18.	Dr. Abhijit Dey	Assistant Professor	Machinability of Metal Matrix Composites; Conventional and non-traditional machining of composite materials; Materials Characterizations
19.	Dr. Manoj Kumar	Assistant Professor	Water Generation from Atmospheric air, Desiccant Materials, Low and Medium Temperature Applications of Solar Energy