

Adil Mudasir Khan
Assistant Professor
Mechanical Engineering Department
Zakura Campus, University of Kashmir

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Education	M.Tech in Mechanical Engineering	August 2012 – July 2014
	National Institute of Technology Srinagar, Srinagar India CGPA 8.9/10	
	B.Tech in Mechanical Engineering	July 2007 – June 2011
	National Institute of Technology Srinagar, Srinagar India CGPA 7.6/10	
Experience	Assistant Professor	April 2017-Present
	Mechanical Engineering Department, Zakura Campus, University of Kashmir	
	Lecturer	December 2016 – April 2017
	Mechanical Engineering Department, National Institute of Technology Srinagar, Srinagar, India	
	Junior Research Fellow	September 2015 – September 2016
	Multiphase Flow, Combustion and Laser Diagnostics Lab Mechanical Engineering Department Indian Institute of Science Bangalore, India	
	Lecturer	August 2014 – August 2015
	Division of Agricultural Engineering, Sher-e-Kashmir University of Agricultural Sciences and Technology Shalimar, Jammu and Kashmir, India	
	Lecturer	May 2012 – August 2012
	Mechanical Engineering Department, National Institute of Technology Srinagar, Srinagar, India	

Research Project**Projects Research and Dissertation**

- Design and Fabrication of a Gas Turbine Burner for the Experimental Studies of Thermo acoustic and Entropy Instabilities in Gas Turbine Combustors
- Transition and Acoustic Response of Vortex Breakdown Modes In Unconfined Co Axial Swirling Flow and Flame
- Dynamics of Hollow Cone Spray In an Unconfined, Isothermal and Co Annular Swirling Jet Environment
- Experimental Studies of Sprays Using PDPA, LDV, High Speed PIV and Hot Film Anemometry
- Investigation of Heat Transfer and Fluid Flow Over Heated Cylinders in Cross Flow, M.Tech 2014
- Development of an Economized Flow Visualization Facility for Flow Visualization past Bluff Bodies. B.Tech 2011
- Manufacturing Of a 4 Cylinder Engine for HMT Tractor, B.Tech, 6th Semester, 2010
- Ergonomic Design of a Three Wheeler, B.Tech, 7th Semester

Internships**Internships**

- Eight Weeks Training in Tractor Division of Hindustan Machine Tools (HMT), India
- Six Weeks Automotive Training at Srinagar Road Transport Corporation, Jammu and Kashmir, India

Awards**Awards**

- Junior Research Fellowship (1st/200) of 2015, Mechanical Engineering Department, Indian Institute of Science Bangalore India

- Best Project Award of 2011 , Mechanical Engineering Department, National Institute Of Technology Srinagar, India
- Best Student Award of 2003 , Shaheen Public High School Srinagar, India

Under Graduate Courses

Courses

- Engineering Thermodynamics, Heat Transfer, Fluid Mechanics, Compressible Flow, Design of Thermal Systems, Continuum Mechanics, Mechanics of solid, Machine Design, Fracture Mechanics, Engineering Mathematics, Control Theory, Operations Research, IC Engines, Air Conditioning and Refrigeration

Graduate Courses

Courses

- Boundary Layer Theory, Finite Element Methods, Design Optimization, Advanced IC Engines and Industrial Tribology

Softwares

Softwares

- SOFTWARES ANSYS, FLUENT, CFX, MATLAB, C, Solid Works and AutoCAD.