

RITENDER SHARMA

M Tech, Mechanical Engineering
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CAREER VISION

To work in a challenging environment demanding all my skills and efforts. To explore and adapt myself in different fields and realize my potential where I get the opportunity for continuous learning

ACADEMIC QUALIFICATION

Year	Education	Institute	Stream/Board	Percentage
2016-2018	M Tech	Dr. B. R. AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY JALANDHAR	MECHANICAL ENGG.	76.10
2010-2014	B Tech	KCIET,PANDOGA,UNA, HIMACHAL PRADESH	MECHANICAL ENGG. (HPU SHIMLA)	75.33
2010	12th	D A V SR. SEC. SCHOOL, UNA	HPBOSE DHARMSHALA	82.80
2008	10th	GOVT.SR.SEC.SCHOOL, PANJGAIN	HPBOSE DHARMSHALA	89.28

RESEARCH INTEREST

Mechanical vibration, Measurements of vibration in different materials, Material Selection in Mechanical Design.

TEACHING EXPERIENCE

Lecturer at Suraj College of Engineering and Management, Mahendergarh. Aug 2014- May 2016

ACADEMIC PROJECT

Development of an experimental setup for vibration analysis of glass reinforced fibre polymer composite and joute reinforced fibre polymer composite using Oros analyser.
(Supervisor - Dr. S. K Tiwari, Dept. of ME, NIT Jalandhar)
May 2017-Continued

Modeling for micromechanical damping for composite materials.
Jan 2017- Apr 2017

TECHNICAL SKILLS

Languages - NV Gate software, MATLAB, ANSYS Structural, NISA.

Tools- Vibscanner, Oros analyser.

TRAININGS

Bhakra Beas Management Board, Ganguwal, Hydel project
2012 - Aug 2012

Jul

Summer training on working, and performance characteristic of Kaplan turbine. Made a report on the maintenance of turbine and pumped storage with in the reservoir which is used whenever the demand of electricity is low.

Sonalika Tractors workshop and service center
Jun 2013 - Aug 2013

Vocational training on Gearing and Transmission system of tractor.

WORKSHOP/CONFERENCES

'Dynamic Modelling & Simulation of Multi-Physics Systems Using Bond Graph'
28 Nov - 7 Dec 2016

'International conference on renewable energy for sustainable environment: challenges and remedies'

Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir-
Mar 2017

Presented team paper on 'A review on Green Tribology: Elements, Principles and Perspectives'.

A one day workshop on CRDI by *Medhavi*.

ACHIEVEMENTS and INTERVIEWS

MERIT CERTIFICATE awarded by H P Board, At Matriculation -39 position in H P Board and At Senior Secondary - 68 position in H P Board

Qualified GATE four times (2014, 15, 16, 17) and among the top 1% students who appeared for Graduate Aptitude Test in Engineering in the year 2017.

Bhabha Atomic Research Center (BARC) for post of Scientific Officer.

Nuclear Power Corporation of India Limited (NPCIL) for post of executive trainee.

Himachal Pradesh Public Service Commission (HPPSC) for post of Lecturer Mechanical Engineering- (Polytechnic).

MISCELLANEOUS/EXTRA-CURRICULARS

Teaching Assistant **(Sub+Tut+Lab)** - (Department of Mechanical Engineering, NIT Jalandhar)

Engineering Mechanics and Fluid Mechanics (Dr. Subhash chandra) Aug-Dec 2016

Engineering Thermodynamics and Manufacturing Technology (Mr. Avi Gupta) Jan-June 2017

Strength of materials and Manufacturing Technology (Dr. Raman Bedi) Aug-Dec 2017

Place-

JALANDHAR,
RITENDER SHARMA

PUNJAB