



## MANAV RACHNA UNIVERSITY, FARIDABAD

Sector 43, Aravalli Hills, Manav Rachna Campus Rd, Faridabad, Haryana 121004

### Mr. J P Sharma

**Designation:** Assistant Professor

**Qualifications:** Ph.D.(Pursuing)

**Email:** jpsharma@mru.edu.in

**Experience:** 10 Years

[Google Scholar Profile](#)



**Research Interest:** FEM, Tribology, CFD

#### + Journal Publication Details:

Publish paper on the topic “studies on effect of percentage of carbon on the tensile & compressive strength of structural steel” in May 2012 at IJEST

Publish paper on the topic “Prediction of Mechanical and Wear Properties of Al-6061/MoS<sub>2</sub> (Molybdenum Disulphide) Composites “ in August 2017 at IJIRSET

Publish paper on the topic “Optimization of Cutting Parameters for Surface Roughness in Turning of Alloy Steel EN 47” in Dec 2016 at IJARMET

Publish paper on the topic “Textiles for protection against Electromagnetic Radiations: A review” in June 2018 at IJERA

Publish paper on the topic “Prediction of Universal Joint Behavior Under Small Axial Loading Using FEM” in March 2019 at IJST

#### + Conference Publications:

Publish paper on the topic “Comprehensive review on hybrid vehicle powertrain” in 2019 at Lecture notes in Mechanical engineering

#### + Research Supervised(M.Tech):

Rinki Yadav on “Prediction of Mechanical and Wear Properties of Al-6061 / MoS<sub>2</sub> ( Molybdenum Disulphide )” in 2014

Lavish Sharma on “Optimization of Cutting Parameters for Surface Roughness in Turning” in 2016

Sneha sirohi on “Multi objective optimization of die sinking EDM parameters on Al6061/Al<sub>2</sub>O<sub>3</sub> metal matrix composite” in 2013

Kunal Saini on “productivity increase through concept of Lean manufacturing and automation” in 2015

#### + Administrative Responsibilities:

Summer training coordinator, industrial training coordinator, IIC member, E-Cell

**+ Event Organized(Conference/Seminar/FDP/Workshops**

Conducted 2 Day workshop on **CFD** in May 2020, at Manav Rachna University.

Lecture on "Introduction to Robotics and Automation" on 24<sup>th</sup> April 2021 at Manav Rachna University

**+ Awards**

**Got award for employee of the year in 2019 at MRU**