



Centre/School/Special Centre: SoS Eng. & Tech.

Department: Mechanical Engineering

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Personal Webpage Link:

Prateek Gupta
Assistant Professor

Qualifications: B.E. (Mechanical Engineering), GEC Bilaspur

M.Tech. (Machine Design), NIT Srinagar

Area of Interest/Specialization: Fracture Mechanics, Structural Optimization

Experience: 4 years

Awards and Honors

Research Projects

International Collaboration/Consultancy

Best Peer Reviewed Publication (up-to 10)

Recent Books/Book Chapters/Monographs etc.

Research Supervision: Ankush Kumar Dubey, “Effect of Temperature, Humidity, and Traffic loads on PZT-5H Disk used for Energy Harvesting Application”

Administrative Responsibilities:

- M.Tech. scholarship in-charge of Department of Mechanical Engineering
- M.Tech Admission in-charge in Machine Design M.Tech. Course.
- Alumni In-charge of Department of Mechanical Engineering
- CAD Lab In-charge of Department of Mechanical Engineering
- Class in-charge of the batch 2020-24 B.Tech.

Additional Information:

- MOOCS Courses (8 Mandatory Modules designed by AICTE-NITTT in SWAYAM portal) Attended:

S. No.	Title of the Event	Duration & Date	Venue
1	AICTE - NITTT - Module 1 - Orientation towards Technical Education and Curriculum Aspects	8 Weeks (25/03/2020 to 15/05/2020)	Online Mode at SWAYAM PORTAL
2	AICTE - NITTT - Module 2 -Professional Ethics Sustainability	8 Weeks (25/03/2020 to 15/05/2020)	
3	AICTE - NITTT - Module 3 - Communication Skills, Modes & Knowledge Dissemination	8 Weeks (25/03/2020 to 15/05/2020)	
4	AICTE - NITTT - Module 4- Instructional Planning and Delivery	8 Weeks (25/03/2020 to 15/05/2020)	
5	AICTE - NITTT - Module 5 - Technology Enabled Learning & Life Long Self Learning	8 Weeks (10/09/2020 to 11/11/2020)	
6	AICTE - NITTT - Module 6- Student Assessment and Evaluation	8 Weeks (10/09/2020 to 11/11/2020)	
7	AICTE - NITTT - Module 7 -Creative Problem Solving, Innovation and Meaningful R & D	8 Weeks (10/09/2020 to 11/11/2020)	
8	AICTE - NITTT - Module 8 - Institutional Management & Administrative Procedures	8 Weeks (10/09/2020 to 11/11/2020)	

- One day webinar organized on “Roles & Application of 3D Experience in Manufacturing & Production” on 18th June 2020.
- FDP’s /Short Term Training Programs (S.T.T.P) /Workshops Attended:
 1. FDP on “Inculcating Universal Human Values in Technical Education” organized by AICTE from 7th June to 11th June, 2021
 2. One week FDP on “Open Source Tools for Research” from 08th June to 14th June, 2020.
 3. UGC sponsored “Guru Dakshta” Faculty Induction Programme from 15th February to 17th March, 2021.
 4. FDP on “Robotics” organized by AICTE ATAL Academy from 25th May to 29th May, 2020