

Faculty Profile

Name: Pramod Kumar



Designation: Assistant Professor

Teaching Area: Engineering Mechanics, Strength of Materials, Theory of Machine, Design of Machine elements, Thermodynamics, Automobile Engineering, RAC, Material Science .

Research Interest: Mechanical Vibration, Composite Material, Pressure Vessel, Smart materials.

Specialization & Teaching Experience : 7 Years

- Pursuing PhD (Registration No-7/E/342/19) From Jadavpur University in Department of Mechanical Engineering since 21/06/2019.
- ME in Computer Aided Analysis and Design (Mechanical engineering) from BIT Mesra Ranchi through GATE.
- B.Tech in Mechanical Engineering.
- 1 Year teaching experience at BIT Mesra Polytechnic University.
- 6 Years teaching experience in Camellia Institute of Technology, Madhyamgram, Kolkata-700129, as an Assistant professor in Department of Mechanical Engineering.
- Currently teaching in ICFAI University Jharkhand.

Industrial Experience: 05 Years and 01 Month

- Project Engineer in construction division From September 2009 To October 2014.
- Worked with Simplex Infrastructures Ltd At DLF Sky court Sector 86, Gurgaon.

Academic qualifications & published journals papers:

- Master of Engineering From Birla Institute Of Technology (BIT Mesra, Ranchi) in Computer Aided Analysis And Design (Mechanical engineering) in the May 2016 (9 CGPA).
- Bachelor of Technology from Biju Patnaik University of Technology and Science in the year 2009.
- Council of Hire Secondary Education from Jharkhand Intermediate Education Council in the year 2002(1st Div).
- Matriculation from Bihar School Examination Board in the year 2000(1st Div).
- Published first paper from IRJET Journal named Detection and prediction of cracks in structures: a review, vol.2, issue 9, December 2015.
- Published second paper from IJRASET Journal named Vibration analysis of cantilever beam: An experimental study, vol.4, issue II, ISSN: 2321-9653, February 2016.
- Published Third paper from IJRASET Journal named An experimental study of modal parameter of cantilever beam with various cracked condition, vol.4, issue III, ISSN: 2321-9653, March 2016.

Project Details

- ❖ **Company** : SIMPLEX INFRASTRUCTURES LIMITED
- ❖ **Project Executed :**
 1. Cement plant (5000TPD) in Umm Bab, Doha, Qatar.
 2. Power Plant (4x270 MW) in Abhijit Power Plant, Chandwa, Jharkhand.

3. Flyover in Azadpur, Delhi.

4. DLF Building Project at Sky Court, Gurgaon.

Research

- Vibration.
- Powder Metallurgy.
- Pressure Vessel.