

Santosh Kumar

DESIGNATION: ASSISTANT PROFESSOR

**Educational Qualification: B.E (Mechanical), M.Tech. (Design and Manuf.)
Ph.D. (Mechanical design)**



Experience: 3 Years

Date of Joining: January 2024 **DOB: 12 April 1993**

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Areas of Interest: Mechanical Design, Composite structure, Material processing, Biomaterials, Prosthetic and Orthotics design, Sustainable development

Courses Handled: Engineering Mechanics, Engineering drawing and graphics, Machine design, Manufacturing, Strength of Materials, Theory of Machines, and CAD-CAM & Automation.

Administrative responsibilities:

Research and development program
Entrepreneurship development cell coordinator
Industrial visit coordinator
Sports and extra-curricular activity coordinator
Start-up activity coordinator

Sr No	No of Paper Publications		Journal	Conference
1			National	
			International	25
2	Book Publication:	Patents: 2	Copyrights:	
3	Any Proposal (R & D/ any others please Specify Category & No) : DPU funded Project		Projects Guided:	
4	FDP / Workshops Attended		FDP	Workshops
			2	8
5	FDP / Workshops Organized		FDP	Workshops
			0	1
6	Industrial Visits Attended			
7	Certifications		NPTEL	Others
			1	15

Interaction with Outside world: Reviewer of several International Journals (Science citation index/Scopus), Reviewer of edited Book, Key note Speaker/Lecture in the National/International Conferences and Workshops, Expert lecture and Webinar.

Awards/Accolades/Certifications/Achievements:

- ❖ Gate qualified in all attempts (2015, 2016, and 2017).
- ❖ Reviewer of 3rd International conferences on “Smart Engineering” (PiCET-2020) organized by Faculty of Engineering & Technology Parul University, Vadodara and University of Mons, Belgium.
- ❖ Key Note Invited Speaker at 8th Asian Conference on Mechanics of Functional Materials and Structure (ACMFMS-2022) at IIT Guwahati.
- ❖ Attended the 2nd International Conference on Recent and Advanced Composite Materials (ICRACM-2023) as Guest Speaker at SRM University Chennai.
- ❖ Technical Reviewer of 5th International Conference on Materials Science and Manufacturing Technology 2023 held at Akshaya College of Engineering and Technology, Coimbatore, Tamil Nadu, (ICMSMT 2023).
- ❖ Permanent Reviewer of several Science Citation Index (SCI & ESCI) International Journals.
- ❖ Successfully completed two sponsored project (KVIC and MSMEs).
- ❖ More than five years in the field of material processing, design and development of biocomposites/biomaterials for load bearing structural and biomedical implant applications.