

Faculty Profile

Brief Profile (Few Paragraphs)



Personal Information

- **Name:** Rakesh Kumar
- **Designation:** Assistant Professor
- **Department:** Mechanical Engineering
- **Email:** rakeshkumar@rvce.edu.in
- **Phone:** +91-9901421766

Google Scholar / ResearchGate /

LinkedIn: [https://www.linkedin.com/feed/?trk=guest_homepage-basic_google-one-tap-submit /

Domain of Expertise : Thermo-fluid science, Thermal Management, Energy system

Research Focus

- **Primary Area:** Thermal management, Renewable Energy Systems
- **Allied Areas:**
 - Thermal management
 - Energy system

Academic Qualifications

- **Ph.D.:** [Mechanical Engineering], [IISc Bangalore], []
- **M.Sc./M.Tech:** Thermal Engineering, IIT Roorkee, 2006
- **B.E./B.Tech:** Mechanical Engineering, IIT Dhanbad, 2004
- **Postdoctoral Research:** [University/Lab], [Year] (*if applicable*)

Professional Experience

Experience			
S.No	Institute/College/Industry	Job Title	Duration (From- To)
1.	ABB	Engineering Manager (R & D)	2006-2012

2.	GE-Aviation	Lead Engineer (R & D)	2012-2013
3.	CMRIT, Bengaluru	Assistant Professor	2013-2016
4.	RVCE, Bengaluru	Assistant Professor	2016-

Publications & Patents

Journal Publications

1. [Author(s)], "[Title]," *[Journal Name]*, [Year]. {As per the standard format}
2. [Author(s)], "[Title]," *[Journal Name]*, [Year].

Conference Papers

1. [Author(s)], "[Title]," *[Conference Name]*, [Year].

Books/Book Chapters

1. [Author(s)], *[Book Title]*, [Publisher], [Year].

Patents **[Filed / Published / Granted]**

1. [Patent Title], [Patent No.], [Year].

R & Grants & Consultancy Projects

Ongoing & Completed Research Projects

- **Effect of multiple shot peening on the fatigue behavior of UNSS32760 and Ti-6Al-4V** – Funding Agency: NRB 32.84 Lakhs 2019-2022: Role: Co-PI.

Ongoing & Completed Consultancy Projects

Professional Memberships

- MSTE-126759

Awards & Recognitions

- Best Engineering Acumen, ABB, 2008
- Trend-setter Award, ABB, 2009
- Fast response Award, ABB, 2011
- Achievement: IITJEE-2000, GATE-2004 (99.08 percentile), UPSC-ESE, UPSC-CSE

Student Supervision

- **Ph.D. Candidates:** [Number] ([X] Graduated)
- **M.Tech/M.Sc. Students:** 30
- **Undergraduate Research Mentees:** 50

Professional Roles

Teaching

Core Courses: [Current semester]

- Fluid Mechanics, Thermodynamics, Heat and Mass Transfer,
Computer aided engineering graphics

Advanced/Lab Courses:

- Computational Fluid Dynamics, Nuclear Engineering, Advanced Fluid dynamics,

Professional Roles

Responsibilities

- **Academic:** Placement Coordinator, Syllabus Coordinator
- **Administrative:** Disciplinary Committee, Lab In-charge-Fluid Mechanics

External Connect