



## VIJAYKUMAR M PATIL

ASSISTANT PROFESSOR

DEPARTMENT OF AEROSPACE ENGINEERING

### PROFILE

A professional with 13 years of experience in technical education, research & development, and academic leadership. Seeking to leverage my skills in a dynamic organization to develop talent and contribute to holistic institutional advancement.

### WORK EXPERIENCE

Assistant Professor | S J C I T

2024-present

Assistant Professor in Aerospace Engineering and key departmental leader, teaching core subjects including Fluid Mechanics, Propulsion Theory, and FM/HMT labs. Holds pivotal roles as NBA Accreditation Coordinator and SDG Coordinator, ensuring program excellence and sustainability alignment. Drives innovation as the IIC Coordinator and manages academic outreach as the NPTEL Coordinator. Serves as the Test Coordinator for assessment integrity and the Department ERP Coordinator for streamlined operations. Provides dedicated support and guidance as a Student Counsellor, fostering holistic student development. Integrates academic, administrative, and pastoral duties to comprehensively advance departmental and institutional objectives.

Assistant Professor, NCET

2013-2024

Nagarjuna College of Engineering and Technology, Bengaluru.  
A professional adept in R&D project lifecycle management, from implementation to commissioning. Expert in teaching Mechanical Engineering core subjects: Thermal, Production, Design, and practical labs.  
Develop and deliver syllabus-aligned lecture plans per Technical Board standards. Coordinate departmental schedules, internals, and question paper preparation. Foster collaboration across teams, departments, and management to achieve organizational objectives. Organize and implement personality development and co-curricular/extracurricular programs. Serve in additional roles such as Class Coordinator and Student Proctor. Ensure alignment of all activities with the institution's educational and developmental goals.

### EDUCATION

Master of Thermal Power Engineering

Siddhartha Academy for Higher Education, Tumkur- SAHE

2013

Bachelor of Mechanical Engineering

Visveswararajah Technological University, Belagavi- VTU

2009

### PROFESSIONAL BODY DETAILS

1 GSTE Membership

2 ISHRAE Member, Bangalore chapter

<b>Distinctions/Awards Received</b>	-
<b>National/ International Work Shops/ Seminars / Conferences Attended</b>	08/02/10 /05
<b>No. of Papers Presented/ Books Published</b>	04/Book Chapters-03

### CONTACT

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SJCIT, Chickballpura

### EXPERTISE

- Thermal Core subjects like Thermodynamics, Propulsion, Heat and mass Transfer, Fluid Mechanics, Solar Energy, Absorption cooling systems, refrigeration systems,
- Critical Thinking
- Effective Communication

### SKILLS

- Coordinating
- Project Commissioning
- Teamwork
- Time Management

### Areas of Research Interest & Guidance

Propulsion, Fluid Mechanics, Renewable energy sources, Absorption cooling systems, Refrigeration and Airconditioning, Nano particales, Biodiesel.

### LANGUAGES KNOWN

English      Kannada

Hindi