

Dr. PRUTHVIRAJ UMESH

Faculty | Researcher | Technology Integrator

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EXPERIENCE

Associate Professor

National Institute of Technology Karnataka, Surathkal

📅 October 2023 - Ongoing 📍 Mangaluru, India

- Teaching and Instruction, Research and Publication.
- Curriculum Development, Administrative Duties.
- Community Engagement, Institute Representation.

Assistant Professor

National Institute of Technology Karnataka, Surathkal

📅 December 2007 - October 2023 📍 Mangaluru, India

- Instruction and Teaching Innovation.
- Mentoring and Industry Collaboration.
- Research and Project Management.

KEY ACHIEVEMENTS

- 🔧 Total projects : 32 Nos, ₹ 34 Cr
- 📖 Total journal publications : 20
- 📄 Total conference publications : 20
- 🔧 Consultancy projects : 64 Nos, ₹ 3.7 Cr
- 🗣️ Invited technical talks : 413

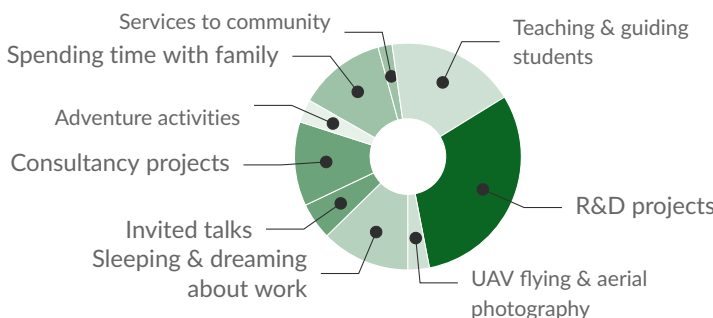
RESEARCH INTERESTS

- Wave-structure interactions
- Open source product development
- Wildlife conservation
- Autonomous navigation systems
- Advanced Surveying & GIS Applications

COUNTRIES VISITED



IN A MONTH OF MY LIFE



📅 October 24, 2023

LIFE PHILOSOPHY

"Embrace lifelong learning, inspire others, and make a lasting impact through education, research, and personal growth."

MOST PROUD OF



My competence

in being faculty mentor of 12+ award winning projects and in attracting 32+ funded projects worth over 34 crores.



Providing experiential learning

Introduced NITK's pioneering open-source hardware and software course, WO477: 'Open Source Virtual Instrumentation,' fostering product development by interdisciplinary student teams. Additionally, established 'SEARCH' lab, standing for 'System for Emergency Assistance, Response, and Communication Hub,' adjacent to our beachfront campus.

STRENGTHS

- Perseverance
- Commitment
- Self-motivation
- Flexibility
- Creativity
- Interpersonal skills

LANGUAGES

English/Kannada
Hindi
Tulu/Sanskrit



EDUCATION

🎓 PhD | Wind Engineering
NITK Surathkal

📅 2015 📍 Mangaluru, India

🎓 M.Tech | Structural Engineering
NITK Surathkal

📅 2005 📍 Mangaluru, India

🎓 B.E | Civil Engineering
NITK Surathkal

📅 2002 📍 Mangaluru, India