

Faculty Profile

Brief Profile

I am Ram Thilak, working as an Assistant Professor in the Department of Civil Engineering at RVCE. I obtained my BE in Civil Engineering from Visvesvaraya Technological University, Belagavi, in 2010. I worked as a Management Trainee for 2 years at Sobha Developers Ltd. Later, I obtained my M. Tech in Remote Sensing and GIS from NITK, Surathkal in the year 2015. I was the topper of my class and was awarded with the Institute Gold Medal. Currently, I am pursuing my PhD in Infrastructure Design and Management from IIT Kharagpur.

Faculty Photo

At RVCE, I teach courses on Fluid Mechanics, Water resources and Remote Sensing and GIS. My research interests are Urban Spatial Informatics, Climate Change and its impacts and Sustainable Infrastructure planning, design and management. I have published a few papers in reputed journals and conferences. I have guided several projects at both the UG and PG levels.

Personal Information

- **Name:** Ram Thilak
- **Designation:** Assistant Professor
- **Department:** Civil Engineering
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Google Scholar: <https://scholar.google.com/citations?user=hnRoODQAAAAJ&hl=en> /
LinkedIn: www.linkedin.com/in/ram-thilak

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Domain of Expertise

Research Focus

- **Primary Area:** Remote Sensing and GIS
- **Allied Areas:**
 - Urban Spatial Informatics
 - Infrastructure Planning and Management

Academic Qualifications

- **Ph.D.:** Infrastructure Design and Management, IIT Kharagpur, Ongoing
- **M.Tech:** Remote Sensing and GIS, NITK Surathkal, Gold Medalist, 2015
- **B.E.:** Civil Engineering, VTU, Belagavi, 2010

Professional Experience

Experience			
S.No	Institute/College/Industry	Job Title	Duration (From- To)
1.	Sobha Developers Ltd	Management Trainee	2010 - 2012
2.	RV College of Engineering	Assistant Professor	2015 – till date

Publications & Patents

Journal Publications

1. Shashank B S, Suresh Varad, Praveen Kumar K, **Ram Thilak**, “Flow and Strength properties of Geopolymer Mortar”, *i-manager’s Journal on Civil Engineering*, Vol. 6, issue No. 1, pp 34–38, December 2015 – February 2016.
2. Praveen Kumar Dhanni, Praveen Kumar K, **Ram Thilak**, “Effect of gradation of fine aggregates with replaced pond ash on mechanical properties of geopolymer concrete”, *i-manager’s Journal on Civil Engineering*, Vol. 11, No. 1, December 2020 – February 2021, pp 42–53.
3. Ram Thilak, Moidin Afsan, Kushal Runthala, KVS Pavan Bharadwaj, Jasti Harshavardhan Reddy, :Inventory Management in Construction using Value Stream Mapping and Stochastic Models”, *International Journal for Science and Advance Research in Technology*, Vol.6, No.6, 2020, pp 10–12

Conference Papers

1. **Ram Thilak**, Anjaneyappa, Jeet Mehta, Vivikt Pharle, Chaturi Rajapur, Sabina Borah, "*Evaluation of Pavement Roughness Using Smartphones*", 2021 IEEE International Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS), 2021

Books/Book Chapters

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

R & Grants & Consultancy Projects

Ongoing & Completed Research Projects

Ongoing & Completed Consultancy Projects

Professional Memberships

- IEEE Member (ID: 95076123)

- ASCE Member (ID: 11901127)

Awards & Recognitions

- Gold Medalist in MTech, NITK Surathkal, 2015
- [Achievement], [Details], [Year]

Student Supervision

- M.Tech Students: 2
- Undergraduate Research Mentees: 20

Professional Roles

- **Chair/Committee Member:** CSITSS 2022, CSITSS 2023, CONECCT 2023 (IEEE Conferences)
- **Industry Advisor:** Trainer at L&T CTEA, Mysore for Graduate Engineer Trainees on GIS

Teaching

Core Courses: [Current semester]

- CV343AI – Mechanics of Fluids
- CV354AI – Hydrology and Irrigation
- CV112TA – Engineering Mechanics

Advanced/Lab Courses:

- Skill Lab for IV and VI Semester
- Highway Geometric Design

Professional Roles

Responsibilities

- **Academic:** ICT Co-ordinator, Research Centre Co-ordinator
- **Administrative:** LIC Committee Member

External Connect

- Member of BoE
 - BMS College of Engineering
 - Ramaiah Institute of Technology
 - Nitte Meenakshi Institute of Technology