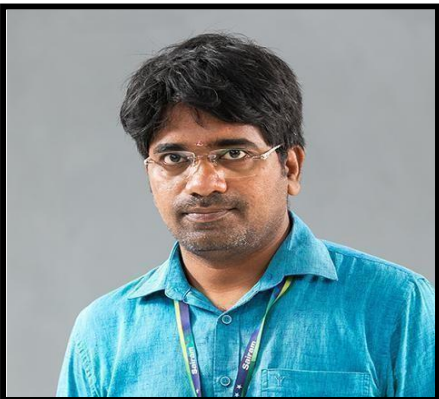


SRI SAIRAM ENGINEERING COLLEGE
DEPARTMENT OF CIVIL ENGINEERING

NAME AND PHOTO	Mr. J. Rajesh 
Designation	ASSISTANT PROFESSOR
Qualification	M.E
Area of Specialization	CONSTRUCTION ENGINEERING AND MANAGEMENT
Experience	Teaching: Diploma: 6 Yrs 11 Months 23 days UG: 9 Yrs 5 Months 28 days PG: NIL Industry: NIL
NUMBER OF WORKSHOP/CONFERENCES/FDP ATTENDED	FDP-19 WORKSHOP - 07 CONFERENCE: 01
NUMBER OF WORKSHOP/CONFERENCES/FDP/SBC ORGANISED	FDP – 01 SB CHAPTER - 04
Funds received	500 USD for the Student Branch Chapter SBC60981I - Sri Sai Ram Engineering College, GRS29

Publications	JOURNALS: NATIONAL – 6
Patents	APPLIED - 1 PUBLISHED - 6
Research guidance	NIL
Email	rajesh.civil@sairam.edu.in
Membership	<ol style="list-style-type: none"> 1. Indian Society for Technical Education 2. Institute of Engineers (India) 3. Institute of Electrical and Electronics Engineers 4. Indian Concrete Institute Indian Green Building Council
Achievement	<ul style="list-style-type: none"> • Honored with the Best Faculty Award by IEI for two consecutive years: 2023 and 2024 • Certified as an Entrepreneurship Educator by the Wadhwani Foundation for contributions to fostering student innovation • Awarded the NPTEL Discipline Star recognition in Civil Engineering (Jan–Apr 2025) for completing over 50 weeks of NPTEL courses • Awarded the NPTEL Motivated Learners recognition in Civil Engineering (July–Sep 2025) for appearing in 8 + NPTEL exams over the last four semesters with a pass rate above 75% • Mentored the project “Smart Irrigation Using IoT,” which won First Prize at Sairam SDG Inspirathon 2.0 and Sairam SDG Solveathon 2.0 through the efforts of 2025 Batch students Sohil A. R. and Sudharsan M • Under my guidance, students Sohil A. R. and Sudharsan M. secured First Place in the ‘Theervai Edhu Theerthu Vidu’ competition at Startup Thiruvizha (Forge Innovation and Ventures, 2024)

Workshop/ FDP/Conference attended:

- Attended **Two Days Workshop on Forensic Engineering: Investigating the Unseen** at *ICI Technology Centre, Chennai*, from **26–27 September 2025**.
- Attended **Workshop for Mentors of BIS Student Chapters from MoU Partner Institutes** at *National Institute of Training and Standardization, Noida*, on **30 July 2025**.
- Attended **Two Days Workshop on X-Ray Diffraction (XRD) and Field Emission Scanning Electron Microscope (FE-SEM) Techniques** at *SSN Research Centre*, from **27–28 May 2025**.
- Attended **Five Days FDP on Advances in Satellite Tracking and Geospatial Techniques for Water Resource Management** at *National Institute of Technology, Karnataka*, from **07–11 April 2025**.
- Attended **Two Days National Workshop on Fundamentals of Machine Learning and Deep Learning** at *SSN College of Engineering*, from **27–28 March 2025**.
- Attended **Three Days FDP on BIM Using ArchiCAD, Solibri, and Bluebeam** at *KCG College of Technology*, from **07–09 January 2025**.
- Attended **Six Days FDP on Smart Materials and AI in Civil Engineering** at *SSN College of Engineering*, from **09–14 December 2024**.
- Attended **Five Days International Level Online Faculty Enhancement Training Programme on Recent Trends in Teaching Methodology** at *GOMS Guru Academy, Bangalore*, from **23–27 September 2024**.
- Attended **Two Days Workshop on Analysis and Design of Resilient Sustainable Structures** at *Anna University*, from **20–21 May 2024**.
- Attended **Five Days FDP on 2nd Series of Geotechnical Engineering Practices and Sustainable Development** at *Ballari Institute of Technology and Management, Ballari*, from **18–22 June 2024**.
- Attended **Workshop on Ground Penetrating Radar: Explorations and Applications** at *Anna University*, on **01 August 2023**.
- Attended **Three Days Face-to-Face FDP on “Inculcating Universal Human Values in Technical Education”** at *Sri Sairam Engineering College*, from **10–12 July 2023**.
- Attended **Six Days Faculty Development Training Programme on Strength of Materials** at *Sri Venkateswara College of Engineering*, from **11–16 July 2022**.
- Attended **Workshop on “Urban Trends: Smart & Sustainable Cities by 2030 – Needs and Requirements”** at *Sri Balaji College of Engineering and Technology*, on **05 August 2022**.
- Attended **AICTE–ATAL Online FDP on Sustainable Construction Practices in Civil Engineering** at *Government Polytechnic, Sakoli*, from **30 August – 03 September 2021**.
- Attended **Three Days Workshop on Fundamentals of Stock Marketing and Virtual Trading** at *St. Joseph College of Engineering*, from **03–05 July 2021**.
- Attended **AICTE–ATAL Online FDP on Capacity Building** at *Rajiv Gandhi Government*

Polytechnic, from 15–19 February 2021.

- Attended **AICTE–ATAL Online FDP on Environmental Geotechnology** at *Mangalore Institute of Engineering and Technology*, from **25–29 January 2021**.
- Attended **AICTE–ATAL Online FDP on Waste Technology** at *National Institute of Technology, Durgapur*, from **18–22 January 2021**.
- Attended **Six Days Virtual FDP on Water Resources Engineering** at *Karpaga Vinayaga College of Engineering and Technology*, from **17–23 December 2020**.
- Attended **Faculty Development Programme on Engineering and Management Teaching Pedagogy – An Industry Perspective** at *Sri Sairam Institute of Technology*, from **11–16 May 2020**.
- Attended **Five Days Virtual FDP on “COVID-19 Pandemic: Strategies for Effective Work–Life Balance of Academicians”** at *Karpagam College of Engineering*, from **04–08 May 2020**.
- **Presented a Paper** at the *National Conference on “Recent Advancements and Innovations in Civil Engineering 2020”* at *SSN College of Engineering*, on **17 March 2020**.
- Attended **Six Days Faculty Development Training Programme on Fluid Mechanics** at *SRM Valliammai Engineering College*, from **23–29 May 2019**.
- Attended **Two Days Workshop on NDT & Evaluation of Concrete** organized by *Indian Society for Non-Destructive Testing (ISNT), Chennai Chapter*, from **24–25 January 2019**.

Workshop/Conferences/FDP/Symposium/SBC Programme organized: (List)

1. Organized five days online FDP on “Recent Advancement in Construction Technology and Sustainable Development” held from 9th to 13th June 2020 at Sri Sairam Institute of Technology, Chennai
2. Organized the Expert talk on Insight into BIS Standards under BIS Student Branch Chapter on 4th September 2025 at Sri Sairam Engineering College
3. Organized the Awareness Programme to freshers on Formulating Standards: Building Quality, Safety and Trust on 19th September 2025 at Sri Sairam Engineering College
4. Organized the Blue Earth Innovation Fest 2025 under the IEEE GRSS Student Branch Chapter on 14th October 2025 at Sri Sairam Engineering College.
5. Organized the Technical talk on Exploring the Future of Remote Sensing in Earth and Ocean System on 16th October 2025 at Sri Sairam Engineering College

Publication Details

1. R.M Asha, S Sivaramakrishnan, J Rajesh, K Kolappan, A Ponshanmugakumar, Published a paper on “Performance evaluation of composite plastic modified pavement blocks with Geogrid Reinforcement”, *Journal of Physics*, Oct 2024
2. SSSV Gopala Raju, J. Rajesh, Vijayaraja V, R. Thiagarajan, R. Krishnamoorthy, S. Arun, Published a paper on “Prediction & Forecasting of Flood Through Rainfall Measurement Using Support Vector Machine”, *IEEE*, June 2022

3. D R K Saikanth J Rajesh* , Mohd. Shaikhul Ashraf , Lakhvinder Kaur , Sandeep Rout , Sasmita Kumari Nayak , Gurwinder Kaur, Application of Fuzzy logic in Smart Agriculture to Recognize Tomato Fruit Ripeness, International Journal of Food and Nutritional Sciences, 2022, Volume 11, Issue 1, Pages 2360 – 2367
4. Rajesh J, Sivaramakrishnan S, Pondeepak P, Sivaguru C, Performance of concrete with partial replacement of sand by dry sewage sludge, Elementary Education Online, 2019, Volume 19, Issue 4, Pages 6761 – 6767
5. Dilip Kumar G, Sridhar R, Siva Guru C, Rajesh J, published a paper on “A study on Concentration PM10 and PM2.5 at Kancheepuram, West Tambaram Zone”, European Journal of Molecular & Clinical Medicine, 2020, Volume 7, Issue 4, Pages 2102-2106
6. Murugan M, Rajesh. J, Sridhar R, published a paper on “Review of Ultra high performance concrete and Cost impact in durability aspects”, International Journal of Engineering Research and Technology, Volume 9, Issue 3, March 2020