


SRI SAIRAM ENGINEERING COLLEGE
DEPARTMENT OF CIVIL ENGINEERING

Name & Photo	<div> <div>  </div> <div> Mr. R. MOHAMMED ASHICK </div> </div>
Designation	ASSISTANT PROFESSOR
Qualification	B.E., M.Tech., (Ph.D.,)
Area Of Specialization	STRUCTURAL ENGINEERING
Experience	Teaching: UG: 12.0 Years PG: NIL Industry: NIL
Number Of Workshops/Conferences/ FDP Attended	Workshop: 5 National- 1 Webinar - 16 Conference – 2 International: 3 FDP: 12 STTP: 02 Webinar: 21
E-Mail	ashick.civil@sairam.edu.in
Membership	ICI, ISTE, IEEE
Achievements	Produced 100% results in Anna University Theory Examinations for Structural Analysis, Design of Steel Structures, Design of RC Elements, Structural Design & Drawing, Best News Letter Award, NPTEL Mentor.

Workshops / Webinars / Conferences / FDP attended:

- + I participated in the FDP Emerging Trends in Civil Engineering, conducted by Sri Venkateshwara College of Engineering, from 13.10.2025 to 17.10.2025.
- + I contributed to the Tamil Nadu State Land Use Research Board (TNSLURB) Conference at IIT Madras Research Park on 06.10.2025 & 07.10.2025.
- + I completed the FDP Smart Materials and Technologies, conducted by RVR & JC College of Engineering, from 15.09.2025 to 19.09.2025.
- + I attended the FDP on AI Tools, conducted by Sri Sai Ram Engineering College, from 17.02.2025 to 21.02.2025.
- + I was involved in the One-Week FDP on OBE in Engineering, conducted by Sri Sakthi Engineering College, from 03.02.2025 to 07.02.2025.
- + I pursued the One-Week FDP on FEM, conducted by Sri Sakthi Engineering College, from 06.01.2025 to 10.01.2025.
- + I engaged in the FDP on BIM using ArchiCAD, Solibri, and Bluebeam, conducted by ICT Academy, from 07.01.2025 to 09.01.2025.
- + I undertook the Five-Day FDP on Geotechnical Engineering Practices, conducted by Ballari Institute of Technology and Management, from 18.06.2024 to 22.06.2024.
- + I completed the FDP Digital Pedagogy – ICT & AI Assisted Teaching in Line with OBE & NEP, from 29.05.2024 to 05.06.2024.
- + I took part in the One-Week FDP on Digital Pedagogy in Line with OBE & NEP, conducted by St. James College of Nursing & St. James College of Pharmaceutical Sciences, from 29.05.2024 to 05.06.2024.
- + I participated in the FDP Exploring the Role of Generative AI in Management and Technology, from 21.03.2024 to 26.03.2024.
- + I completed the NPTEL FDP – Plastic Waste Management, from 22.01.2024 to 15.03.2024.
- + I completed the NPTEL Online Course – Sustainable Architecture, from 24.07.2023 to 13.10.2023.
- + I participated in the FDP Taking Research to Next Level, from 26.09.2022 to 30.09.2022.
- + I completed the NITTT Module 1, Module 2 & Module 8, from 01.10.2022 to 30.11.2022.
- + I completed the Training on Building Information Modelling, from 19.10.2022 to 22.10.2022.
- + I participated in the FDP Recent Trends in Civil Engineering, conducted by Mailam Engineering College, from 28.02.2022 to 05.03.2022.
- + I completed the FDP Recent Trends in Civil Engineering – Enviro Con Tech, from 13.12.2021 to 18.12.2021.
- + I took part in the International Conference and Expo on Green Built Environment, from 18.11.2021 to 20.11.2021.

- ✚ I completed the FDP Waste Technology, conducted by C.V. Raman Global University, from 21.12.2020 to 25.12.2020.
- ✚ I completed the FDP Green Technology & Sustainability Engineering, conducted by SVNIT & NIT Raipur, between 26.10.2020 and 12.12.2020.
- ✚ I completed the FDP Curriculum for Sustainability, conducted by Vellammal Engineering College, from 02.12.2020 to 08.12.2020.
- ✚ I completed the STTP on Advanced Concepts in Materials and Structural Engineering, conducted by SRM Institute of Science & Technology, from 16.11.2020 to 21.11.2020.
- ✚ I participated in the FDP Earthquake Engineering, from 21.09.2020 to 25.09.2020.
- ✚ I participated in the webinar IGEN Green 9 SDG Conclave 2020 – Special Appreciation, from 02.10.2020 to 03.10.2020.
- ✚ I participated in the webinar IGEN Green 9 SDG Conclave 2020, from 02.10.2020 to 03.10.2020.
- ✚ I participated in the webinar One Day Seminar Programme on SDG Conclave, on 02.10.2020.
- ✚ I participated in the webinar Algae for Food, Energy and Sustainable Environment Solutions, on 04.07.2020.
- ✚ I participated in the webinar Vastu Shastra in Modern Civil Engineering, on 10.06.2020.
- ✚ I participated in the webinar International Metro Projects – Construction Methodology Overview, on 10.06.2020.
- ✚ I participated in the webinar Cost Control and Waste Management, on 08.06.2020.
- ✚ I participated in the webinar E-Content Development, on 14.06.2020.
- ✚ I participated in the webinar Leadership Talk with Mr. R. Subramaniam, IAS, on 13.06.2020.
- ✚ I participated in the webinar Challenges and Opportunities of Project Management, on 13.06.2020.
- ✚ I participated in the webinar Earthquake Resistant Design of Buildings as per IS 1893 (Part 1) 2016, on 02.06.2020.
- ✚ I participated in the webinar Forensic Engineering, on 01.06.2020.
- ✚ I participated in the webinar Green Building Rating Systems in India, on 01.06.2020.
- ✚ I completed the FDP Renewable Energy Systems, from 08.06.2020 to 12.06.2020.
- ✚ I participated in the webinar R & D Proposal Writing for Faculties, on 12.06.2020.
- ✚ I participated in the webinar The Power of a Teacher, on 04.05.2020.
- ✚ I participated in the webinar Application of GIS in Civil Engineering, on 24.05.2020.
- ✚ I participated in the webinar Data Driven Optimization in Engineering, on 25.05.2020.
- ✚ I participated in the webinar Artificial Intelligence in Civil Engineering, on 30.05.2020.

- ✚ I participated in the webinar Planning for Building Construction as per Tamil Nadu Combined Development and Building Act 2019, on 15.05.2020.
- ✚ I completed the FDP Application of Construction Techniques and Practices in Civil Engineering, from 25.05.2020 to 31.05.2020.
- ✚ I completed the workshop Revit Architecture, from 09.06.2020 to 10.06.2020.
- ✚ I participated in the webinar Relevance of Site Effect in Earthquake Resistant Construction, on 23.05.2020.
- ✚ I participated in the webinar Earthquake Engineering and Technology, on 09.05.2020.
- ✚ I participated in the webinar Performance-Based Seismic Design of Structures, on 16.05.2020.
- ✚ I participated in the webinar India First Leadership Talk, on 02.05.2020.
- ✚ I completed the webinar Modern House Design in Revit Architecture, from 06.05.2020 to 12.05.2020.
- ✚ I attended the workshop Archirevit, conducted by Dhanalakshmi College of Engineering (year not specified – placed according to relevance).
- ✚ I participated in the FDP Advanced Technologies in Infrastructure Development, from 13.05.2020 to 19.05.2020.
- ✚ I attended the online innovation, IPR, entrepreneurship and startup e-sessions, from 28.04.2020 to 22.05.2020.
- ✚ I participated in the webinar Urbanization & Flooding, on 28.05.2020.
- ✚ I attended the Faculty Orientation Session on Study Abroad Opportunities, at RMK Engineering College.

Research Projects

- ✚ “Cost Effective Construction of Residential Building”, Funding Agency: Sapthagiri Education Trust, Role: Project Guide, Year: 2018-2019
- ✚ “ATAL AICTE Tunnel”, Funding Agency: AICTE YOUTH UNDERTAKING VISIT FOR ACQUIRING KNOWLEDGE (YUVAK) Scheme, Role: Team Leader, Year: 2021-2022

Papers Presented In various National & International Journals:

- ✚ **International Conference on Sustainable Expert Systems (ICSES)** “Revolutionizing Design and Execution for Residential Construction Through Virtual Reality”, Sivakumar V.L., Ashick M., Pamila R., Year 2024, Pages 618-623
- ✚ **GIS SCIENCE JOURNAL** “Comparative study of Transparent Concrete using Glass Rod and Plastic rod by replacing Fine Aggregate with coir pith and granular glass”, Volume 09, Year 2022, Pages 1471 - 1475
- ✚ **Journal of Nanomaterials** “Investigation of High-Temperature Wear Behaviour of AA 2618- Nano Si₃N₄ Composites Using Statistical Techniques”, Year 2022
- ✚ **Journal of Nanomaterials** “Investigation on Wear Characteristics of AZ91D/Nanoalumina Composites”, Year 2022
- ✚ **Journal of Test Engineering and Management** “Role of combined treatment methods in the degradation of Textile waste water – A Review”, Volume 83, pg.no 8349-83455, Year 2020

Patents

1. “Utilization of Waste Plastic for Making Plastic Bricks”
 - Filed on 08/10/2025
 - Focus: Converting waste plastic into sustainable construction bricks
2. “Polyethylene Terephthalate Rebar Reinforced Concrete Slab” (Publication No. 18/2025)
 - Filed on 17/04/2025, Published on 02/05/2025
 - Focus: Innovative use of PET rebar to enhance concrete slab performance
3. “A Cycle Phone Holder with Light” (Granted 20/01/2023)
 - Filed on 04/10/2021
 - Focus: Innovative accessory for bicycles with integrated lighting
4. “Utilization of Textile Sludge in the Manufacturing of Bricks” (Publication No. 26/2021)
 - Filed on 08/06/2021, Published on 25/06/2021
 - Focus: Sustainable use of textile waste in construction materials
5. “Potential Resource Recovery from Municipal Solid Waste Using Refused Derived Fuel”
 - Filed on 22/09/2021, Published on 11/05/2021
 - Focus: Efficient resource recovery from municipal solid waste