


SRI SAIRAM ENGINEERING COLLEGE
DEPARTMENT OF CIVIL ENGINEERING

Name & Photo	Mr. R. DEVAKANDHAN 
Designation	ASSISTANT PROFESSOR
Qualification	B.E, M.Tech, (Ph.D)
Area Of Specialization	CONSTRUCTION ENGINEERING & MANAGEMENT
Experience	Teaching: UG: 11Years6 Months PG: NIL Industry: 6 Years 8 Months
Number Of Workshops/Conferences/ FDP Attended	Workshop: 3 FDP: 29 STTP : 6 Seminar: 1 Conference - 1
Publication	Journals: National- NIL International- 4
Research Guidance	NIL
E-Mail	devakandhan.civil@sairam.edu.in
Membership	ISTE, IEEE, IAENG
Achievements	<ul style="list-style-type: none"> ❖ Produced 100% results in Anna University Theory Examinations in various subjects. ❖ Successfully completed Domain certification (Construction Materials Technology) in NPTEL. ❖ Received Active Professional Society Coordinator Award for ICI student chapter at Sri Sairam Engineering College.

Workshop / Conferences / FDP attended:

- Attended 5 Days Online **FDP** on “Emerging trends in Civil Engineering” conducted by Sri Venkateswara College of Engineering, Sriperumbudur dated from 13-Oct-2025 to 17-Oct -2025.
- Attended 5 Days Online **FDP** on ““Smart Materials and Technologies for Durable Structures(SMTDS’25),” conducted by R.V.R. & J.C. College of Engineering, (Autonomous), Chowdavaram, Guntur, Andhra Pradesh, dated from 15-Sep-2025 to 19-Sep-2025.
- Attended **FDP** on “Modern Construction Materials” conducted by NPTEL-AICTE dated from Jan-2025 to Apr -2025.
- Attended 5 Days Online **FDP** on “AI Tools” conducted by Brainovision Solutions India Pvt Ltd dated from 17-Feb-2025 to 21-Feb-2025.
- Attended 5 Days Online **FDP** on “Geotechnical Engineering Practices and its sustainable development” conducted by Ballari Institute of Technology and Management, Ballari dated from 18-Jun-2024 to 22-Jun -2024.
- Attended 5 Days Online **ATAL FDP** on “Construction Automation and Robotics towards Sustainable Infrastructure” conducted by Sri Venkateswara College of Engineering dated from 07-Dec-2023 to 13-Dec -2023.
- Attended 5 Days Online **FDP** on “Product Design using Fusion 360” conducted by ICT Academy dated from 22-Aug-2023 to 25-Aug -2023.
- Attended 5 Days Online **FDP** on “Primavera P6 V22” conducted by Infinity PMC Solutions Pvt Ltd dated from 11-Jul-2023 to 15-Jul-2023.
- Attended 3 Days **Workshop** on ““Role of Assessment and Accreditation towards Improving the Quality of Education and National Educational Policy Implementation in Higher Educational Institutions”” conducted by Kamaraj College of Engineering & Technology dated from 08-Feb-2023 to 10-Feb-2023.
- Attended 5 Days Online **FDP** on ““Taking Research to Next Level”” conducted by Sri Venkateshwara College of Engineering, Bengaluru dated from 26-Sep-2022 to 30-Sep-2022
- Attended 5 Days Online **FDP** on “Strength of Materials I” conducted by Sri Venkateswara College of Engineering, Sriperumbudur dated from 11-Jul-2022 to 16-Jul-2022
- Attended Webinar on “A Case study on Construction of Jamalpur-Ratanpur tunnel in connection with Doubling work of Eastern Railway” conducted by Ultratech Cement dated on 23-Jul-2023.
- Attended Webinar on “Quality Control and Quality Assurance in concrete construction” conducted by Ultratech Cement dated on 23-Jul-2023.
- Attended 5 Days Online **FDP** on “Recent Trends in Civil Engineering” conducted by Mailam Engineering College Villupuram, dated from 28-Feb-2022 to 05-Mar-2022

- Attended International Webinar on ““In-situ Testing of Wire Ropes Used in Suspension Bridges and Other Installations”” conducted by SRM Institute of Science & Technology, Ramapuram, dated on 30-Jul-2021.
- Attended 6 Days Online **STTP** on “Recycling Materials in Highway Construction” conducted by Indo Global College of Engineering, Chandigarh dated from 19-Jul-2021 to 24-Jul-2021
- Attended 5 Days Online **FDP** on “Inculcating Universal Human Values in Technical Education” conducted by All India Council for Technical Education, dated from 12-Jul-2021 to 16-Jul-2021
- Attended 5 Days Online **STTP** on “Field Practices in Geotechnical Engineering (FPGE)”” conducted by SRM Institute of Science and Technology, Kattankulathur dated from 14-Jun-2021 to 18-Jun-2021.
- Attended 5 Days Online ATAL **FDP** on “Earthquake Resistant Structural Systems and Design for Buildings and Structures”” conducted by Sri Venkateswara College of Engineering. dated from 07-Jun-2021 to 11-Jun-2021.
- Attended 5 Days Online ATAL **FDP** on “Waste Technology” conducted by C V Raman Global University, Odisha dated from 21-Dec-2020 to 25-Dec -2020.
- Attended 5 Days Online ATAL **FDP** on “Green Technology & Sustainability Engineering” conducted by National Institute of Technology, Raipur dated from 08-Dec-2020 to 12-Dec -2020.
- Attended 5 Days Online ATAL **FDP** on “Construction Technology” conducted by Maulana Azad National Urdu University, Hyderabad dated from 23-Nov-2020 to 27-Nov -2020.
- Attended 6 Days Online **STTP** on “Advanced Concepts in Materials & Structural Engineering” conducted by SRM institute of Science & Technology dated from 16-Nov-2020 to 21-Nov -2020.
- Attended 1 Week Online **STTP** on “Latest Innovations & Technological Advancements in Concrete Technology” conducted by Kalasalingam Academy of Research and Education dated from 02-Nov-2020 to 07-Nov-2020.
- Attended 1 Weeks Online **STTP** on “Basics of Remote sensing, GIS & GNSS” conducted by Francis Xavier Engineering College dated from 26-Oct-2020 to 31-Oct-2020.
- Attended 10 Hrs Online **FDP** on “ Central Air Conditioning of a House using Revit” conducted by ICT Academy dated from 27-Oct-2020 to 31-Oct-2020.
- Attended 5 Days Online ATAL **FDP** on “Concrete Technology and Sustainable Construction practices” conducted by Government Engineering College, Dahod dated from 21-Sep-2020 to 25-Sep-2020.
- Attended Technical Webinar on “IoT Applications in Construction Industry conducted by Saveetha School of Engineering, Chennai dated on 04-Jul-2020.
- Attended Three days online **FDP** on “Recent advances in Civil Engineering” conducted by S.A Engineering College, Chennai dated from 22-Jun-2020 to 24-Jun-2020.
- Attended Webinar on “An overview of Geopolymer concrete and its application” conducted by Easwari Engineering College, Chennai dated on 19-Jun-2020.

- Attended Five Days online **FDP** on “Active Learning and Advanced Scientific Computing Methods” conducted by Loyola college, Chennai dated from 15-Jun-2020 to 19-Jun-2020.
- Attended Webinar on “ Geopolymer Light Weight Concrete” conducted by Sri Sairam Engineering College, Chennai dated on 17-Jun-2020.
- Attended E-Expert talk on “Steel Structures: Limit state approach” conducted by KDK College of Engineering, Nagpur dated on 17-Jun-2020.
- Attended Leadership Talk with Shri Subrahmanyam, IAS conducted by MHRD’s Innovation cell dated on 13-Jun-2020
- Attended Webinar on “R & D proposal writing for Faculties” conducted by Sri Sairam Engineering College, Chennai dated on 12-Jun-2020.
- Attended Webinar on “ Project Management in Construction” conducted by B S Abdur Rahman Crescent Institute of Science & Technology, Chennai dated on 10-Jun-2020.
- Attended E-Expert Talk on “Vastu Shastra in Modern Civil Engineering” conducted by KDK College of Engineering, Nagpur dated on 10-Jun-2020
- Attended Webinar on “Advances in GIS” conducted by Mahatma Gandhi Institute of Technology, Hyderabad dated on 10-Jun-2020.
- Attended Two days **Workshop** on “Revit Architecture” Conducted by Easwari Engineering College, Chennai dated from 09-Jun-2020 to 10-Jun-2020.
- Attended Webinar on “Cost control & Waste Management” conducted by Dhaanish Ahmed College of Engineering dated on 08-Jun-2020.
- Attended E-Expert Talk on “Aim & Planning of In-situ Testing in Concrete Structures” conducted by KDK College of Engineering, Nagpur dated on 06-Jun-2020
- Attended Leadership Talk with Ms.Ashwini Deshpande conducted by MHRD’s Innovation cell dated on 06-Jun-2020
- Attended Webinar on “An Microstructural Characterization of Concrete” conducted by Easwari Engineering College, Chennai dated on 04-Jun-2020.
- Attended E-Expert Talk on “Earthquake resistant design of Buildings : Provisions of IS1893(Part 1)2016” conducted by KDK College of Engineering, Nagpur dated on 02-Jun-2020
- Attended Webinar on “Green Building rating system in India” conducted by SRM TRP Engineering College, Trichy dated on 01-Jun-2020.
- Attended Webinar on “Artificial Intelligence in Civil Engineering” conducted by Bhilai Institute of Technology, Raipur dated on 30-May-2020
- Attended E-Expert Talk on “Infrastructure Planning – An AI approach” conducted by KDK College of Engineering, Nagpur dated on 30-May-2020
- Attended One Week **STTP** on “Infrastructure Development : Possibilities and Challenges Ahead” conducted by New Horizon Institute of Technology and Management, Thane dated from 25-May-2020 to 29-May-2020.

- Attended Webinar on “Durability of Reinforced Concrete Structures” conducted by B S Abdur Rahman Crescent Institute of Science & Technology, Chennai and Hi-tech Concrete Solutions Chennai Pvt Ltd dated on 28-May-2020.
- Attended Webinar on “Urbanization & Flooding” conducted by Sri Sairam Engineering College dated on 28-May-2020.
- Attended Webinar on “Construction of Building using Green Concept” conducted by Easwari Engineering College dated on 26-May-2020.
- Attended Webinar on “Application of Fibre reinforced polymer composites in Civil Engineering” conducted by S.A Engineering College dated on 26-May-2020
- Attended Webinar on “Sustainable Building Materials: Timber and Bamboo” conducted by Ramco Institute of Technology, Rajapalayam dated on 25-May-2020.
- Attended Webinar on “ Data driven optimization in Engineering” conducted by Karpaga Vinayaga College of Engineering and Technology, Madhuranthagam dated on 25-May-2020
- Attended Webinar on “ Application of GIS in Civil Engineering” conducted by Sri Sairam Engineering College dated on 24-May-2020.
- Attended Webinar on “Importance of MEP in Buildings” conducted by Easwari Engineering College dated from 21-May-2020 to 23-May-2020.
- Attended online e-sessions on “To promote Innovation, IPR, Entrepreneurship and start-up” Conducted by Institution’s Innovation Council(IIC) dated from 28-Apr-2020 to 22-May-2020.
- Attended Seven days **FDP** on “Advanced Technologies in Infrastructure Development” conducted at Easwari Engineering College, Chennai dated from 13-May-2020 to 19-May-2020
- Attended Webinar series on “Civil and Environmental Engineering” conducted by Shantou University China, Vardhaman college of Engineering Hyderabad, Indian Geotechnical Society Surat Chapter, SVNIT Surat and Qingdao University of Technology China dated from 08-May-2020 to 19-May-2020.
- Attended Virtual Assessment programme on “ Research Methodology” conducted by SCSVMV, Kanchipuram dated on 18-May-2020
- Attended Webinar on “ Readymix concrete production process – challenges & remedies” conducted by ICI, Bengaluru dated on 17-May-2020
- Attended Webinar on “ Ground Improvement using stone columns” conducted by Shri Ramdeobaba College of Engineering & Management, Nagpur dated on 17-May-2020
- Attended Webinar on “ Understanding of disputes, Mitigation & resolution in a construction Project” conducted by ICI, Bengaluru dated on 16-May-2020
- Attended Webinar on “ Interest & Time value of Money in Construction” conducted by East West Institute of Technology, Bengaluru dated on 16-May-2020
- Attended Six days **FDP** on “Innovation to Academicians” conducted by Ramachandra college of Engineering dated from 11-May-2020 to 16-May-2020

- Attended Five days **FDP** on “Advancements in Concrete Technology” conducted by Kongu Engineering College, Erode dated from 12-May-2020 to 16-May-2020
- Attended Webinar on “ Planning for building construction(residential) as per Tamilnadu combined development & building act 2019” conducted by Francis Xavier Engineering College dated on 15-May-2020
- Attended Webinar on “ FEA with ANSYS: Civil Engineering case studies” conducted by Shri Ramdeobaba College of Engineering & Management, Nagpur dated on 14-May-2020
- Attended Webinar on “ Role of Chemical admixtures in Advance Construction” conducted by ICI, Bengaluru dated on 14-May-2020
- Attended Webinar on “Earthquake resistant structures” conducted by S.A Engineering College dated on 13-May-2020
- Attended Webinar on “Spaces & Zones for HVAC design” conducted by Dr N.G.P institute of technology, Coimbatore dated on 13-May-2020
- Attended Webinar on “BIM concepts using TEKLA structures” conducted by Dr N.G.P institute of technology, Coimbatore dated on 11-May-2020
- Attended Webinar on “ Structural audit of Building” conducted by KDK College of Engineering, Nagpur dated on 10-May-2020
- Attended Webinar on “Special concrete for special structures” conducted by ICI, Bengaluru dated on 08-May-2020
- Attended Webinar on “Applications of remote sensing and GIS” conducted by B.S Abdur Rahman Crescent Institute of Science & Technology dated on 08-May-2020.
- Attended Webinar on “Achieving sustainable concrete through use of Mineral admixtures ” conducted by ICI, Bengaluru dated on 08-May-2020
- Attended Webinar on “ Progress of concrete science since the time of Duff A.Abrams” conducted by KDK College of Engineering, Nagpur dated on 07-May-2020
- Attended Webinar on “Hot weather concrete” conducted by Construction Philosophy dated on 06-May-2020.
- Attended Webinar on “Detailing of Reinforcement – Do’s & Don’ts” conducted by Adithya Institute of Technology, Coimbatore dated on 06-May-2020.
- Attended Webinar on “Environmental Impact Assessment & its Legal aspects” conducted by B.S Abdur Rahman Crescent Institute of Science & Technology dated on 06-May-2020.
- Attended Six days **FDP** on “Computer Aided Design and Analysis of structures using Finite Element Method concepts in structural Engineering” held at Easwari Engineering College, Chennai dated from 17-Jun-2019 to 22-Jun-2019
- Attended one day International **Seminar** on “Trends in Urban Planning, Sustainable Development and Environment Management” held at SRM University, Kattankulathur Campus, Chennai dated on 15-Nov-2017.

- Attended Six days **FDP** on “Design of steel structures” held at Sri Sairam Engineering College, Chennai dated from 29-May-2017 to 03-Jun-2017
- Attended One day **FDP** on “Teaching Excellence in Engineering & Management Curriculum” held at Sri Sairam Engineering College, Chennai dated from 20-Jun-2016 to 21-Jun-2016
- Attended Six days **FDP** on “Remote Sensing & GIS” held at Sri Sairam Engineering College, Chennai dated from 30-May-2016 to 04-Jun-2016
- Attended one day **Workshop** on “Tech-Knowledge Transfer Between Institute and Industries on Concrete and Construction” held at SRM University, Kattankulathur Campus, Chennai dated on 04-Mar-2016
- Attended Six days **FDP** on “Mechanics of solids” held at Sri Sairam Engineering College, Chennai dated from 25-May-2015 to 30-May-2015

Papers Presented In various National & International Journals:

1. N. Ganapathy Ramasamy, **R. Devakandhan**, Aravind, S. Ramasubramani “Impact of Advanced Planning Technique in Indian Construction Industry” published in the Pakistan Journal of Biotechnology ISSN: 1812-1837, Vol. 13 special issue II Dec 2016, pp.13- 18
2. Vaidhegi K, **Devakandhan R**, Sanchita S “Evaluation on Strength and Behaviour of Concrete Containing Pulverized Polyethylene Terephthalate (PET)” published in the Test Engineering & Management ISSN :0193-4120, Vol 83, March – April 2020, Page No.12202-12207
3. Mr. R. Mohammed Ashick, Dr. S. Bhagavathi Perumal, Mr. **R. Devakandhan**, Mrs. M. Sivaranjani “Removal Of Toxic Metals From Electroplating Industrial Waste Water Using Groundnut Shell And Coconut Shell” published in Elementary Education Online 2020, ISSN :1305-3515, Page No.1684-1689.
4. **Devakandhan R**, Shrinidhi V, Deepika T, Vinisha E, Durigaa R S, “Experimental Investigation of Geopolymer Concrete using GGBS and Fly Ash with Hybrid fibers” published in Elementary Education Online 2020, ISSN :1305-3515, Page No.4279-4288.

Online Courses: (Coursera & Udemy)

- Completed the Online course on “The Sustainable Development Goals – A global, trans disciplinary vision for the future”
- Completed the Online course on “Engineering Project Management : Scope, Time and Cost Management”
- Completed the Online course on “ Introduction to Engineering Mechanics”
- Completed the Online course on “ Introduction to Project Management”
- Completed the Online course on “ AI for Everyone”
- Completed the Online course on “ Excel Skills for Business : Intermediate I”

- Completed the Online course on “ The Art of Negotiation”
- Completed the Online course on “ Project Management : The basics for Success”
- Completed the Online course on “ Budgeting and Scheduling Projects”
- Completed the Online course on “ Managing Project Risks and Changes”
- Completed the Online course on “Engineering Project Management : Initiating and Planning”
- Completed the Online course on “ Excel Skills for Business : Essentials”
- Completed the Online course on “ A Crash course on Data science”
- Completed the Online course on “Civil 3D – Civil works specialization” in Udemy

Online Courses: (NPTEL)

- Concrete Technology
- Advanced Concrete Technology
- Basic Construction Materials
- Modern Construction Materials
- Pavement Construction Technology
- Building materials and composite
- Building Materials as a Cornerstone to Sustainability