

## FACULTY PROFILE

Nameofthestaff : **S.Kannan**  
OfficeAddresswithE-mailID : Assistant Professor  
DepartmentofCivilEngineering,  
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### PERSONALDETAILS

Age : 34  
DateofBirth : 09.05.1991  
Sex &maritalstatus :Male & Married Citizenship  
:Indian  
Qualification :M.E., (StructuralEngineering)

Degree	Programme/Specialization	Class/CGPA	Month and year ofpassing	Institute/University
M.E	StructuralEngineering	First class /7.69	April 2016	The Kavery College of Engineering, Mettur.
B.E	CivilEngineering	First class /7.93	April 2013	K.S.R College of Engineering, Tiruchengode.
Higher Secondary	Maths, Biology	78.16	March 2009	SSHN Higher Secondary School, Muhavur
SecondarySchool	-	86.00	March 2007	SSHN Higher secondary School,Muhavur

Date of Joining :29.09.2021

Present Status : AssistantProfessor

### AREAS OF INTEREST

- Structural Analysis
- Concrete technology

### RESEARCH FIELD

- Corrosion of concrete structures
- Self Compacting Concrete

### EXPERIENCE

Nameofthe College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
National EngineeringCollege,K. R.Nagar,Kovilpatti	<b>Assistant Professor</b>	<b>29.09.2021</b>	<b>Till Date</b>	-	-	-
Kongunadu College of Engineering and Technology	<b>Assistant Professor</b>	<b>14.06.2017</b>	<b>28.09.2021</b>	4	03	14

### ACHIEVEMENTS

- Got GATE 2024 scorecard.
- Won Best Paper Award on “An Experimental Investigation on Sustainable concrete blended with flyash and recycled concrete aggregate” at International Conference on Smart Technologies and Application (ICSTA 2022) conducted by Ramco Institute of technology, Rajapalayam.
- Elite + Silver in NPTEL certification course of *Design Thinking - A Primer*
- Elite + Silver in NPTEL certification course of *Solid Mechanics*
- Elite +Silver in *Qualitative Research Methods and Research Writing* by NPTEL
- Elite + Silver in *Maintenance and Repair of Concrete Structures* by NPTEL

## **PUBLICATIONS**

- Published a research paper in IJSER (INTERNATIONAL JOURNAL FOR SCIENCE AND ENGINEERING RESEARCH) about Fiber reinforced concrete and its advancements.
- Published a research paper on “An Analysis on Time Overrun and Cost Overrun in Construction Projects”, International Journal of Scientific research and Review, vol.07, Issue no. 09, ISSN 2279-543X, September 2019.
- Published a research paper on “Evaluating Optimum Strength of Geopolymer Concrete using Quarry Rock Dust with Inclusion of Natural and Hybrid Fibers under Ambient Curing” International Journal of Engineering and Advanced Technology, vol.9, Issue no. 06, ISSN: 2249 – 8958, P.No.1-5.
- Published a paper on “An experimental investigation on sustainable concrete blended with fly-ash and demolished concrete aggregate” in International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249-8958, Volume-9 Issue-6, August 2020
- Published a paper on “Experimental investigations on self-healing concrete with the Effect of admixtures” in Advanced Engineering Science, Vol.56, Issue no.01, ISSN:2096-3246, P.No. 313-320
- Published a paper on “Experimental study on structural behavior of concrete filled steel tube under axial loading” in E3S Web of Conferences 596, 01007(2024)

## **Co-Curricular activities:**

- Presented in International conference on concrete for humanity 2016 at Renganathan College of Engineering, Coimbatore. About “Experimental study on flexural behavior of hybrid fiber reinforced concrete”.
- Attended one day national level Workshop on “*Materials for Advanced waste watertreatment techniques*” Organized by Department of Chemistry at Kongunadu College of Engineering and Technology on 21.12.2018
- Attended Faculty Development Training Programme on “*CE6501- Structural Analysis –I*” from 28th May - 3rd June 2018, held at KLN College of Information Technology, Madurai.
- Presented paper titled on “*An Analysis on Time Overrun and Cost Overrun in Construction Projects*”, 8<sup>th</sup> International Conference on Multidisciplinary Research, 06–07 September 2019
- Attended ‘*Industrial Training Programme*’ on “*Precast Work*” at, Southern Railway, Salem, from 23<sup>th</sup> to 26<sup>th</sup> November 2019.
- Study on “*Paver Block with Sugarcane Waste Water*” 6<sup>th</sup> International Conference on ‘Engineering and Technology’, at Selvam College of Technology, Namakkal on 4<sup>th</sup> & 5<sup>th</sup> March 2020

- Attended Workshop on ‘*Retrofitting and Rehabilitation of Existing Structures using Modern Technology*’ at Knowledge Institute of Technology, Salem on 24th January 2020.
- Presented “*An Experimental Investigation on Sustainable concrete blended with flyash and recycled concrete aggregate*” at International Conference on Smart Technologies and Application-2022 (ICSTA 2022).
- Presented the project titled “*Natural Efficient Lighting System in building*” in International Conference organized by K Ramakrishnan College of Technology, Trichy.
- Attended FDP on “Sustainable Repair and Rehabilitation of Constructed Facilities” organized by Vellore Institute of Technology, Chennai from 13th to 17th of February 2023
- Underwent a FDP on “*Analysis and Design of Structures by Limit State Method using software*” from 19.12.22 to 23.12.22 – ICT mode by National Institute of Technical Teachers Training and Research, Kolkata.
- Gained knowledge through the NPTEL course on “*Development and application of special concrete*” with Elite Grade.
- Completed the Course “*Design of connections in steel Structures*” with Elite Grade through NPTEL.
- Completed the course “*Design Thinking - A Primer*” Elite with Silver grade through NPTEL
- Attended FDP on “*Affordable Housing Techniques and Practices*” Conducted by Civil Engineering Department from 12/02/2024 to 16/02/2024 (One Week) at NITTTR, Chandigarh.
- Presented paper on “*Development of sustainable Flyash brick for cost effective construction*” in the International conference on Newer Engineering Concepts and Technology (ICONNECT-2024), held at K.Ramakrishnan College of Technology, Tiruchirappalli on 28.03.2024
- Attended Professional Development Programme on “*Instructional Design and Delivery Systems*” Conducted by this Institute from 16.05.2024 to 18.05.2024 at National Engineering College, Kovilpatti
- Attended FDP on “*Field Oriented challenges in Civil Engineering FOCCE-2024*” held virtually at NIT-Jamshedpur from 05.08.2024 to 09.08.2024.

- Presented paper on *“Experimental study on structural behavior of concrete Filled steel tube under axial loading”* in the International conference on Civil, Materials and Environment for sustainability organized by Civil Engineering department at JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, Solan, Himachal Pradesh during 4<sup>th</sup> to 5<sup>th</sup> October 2024.
- Attended FDP on *“3D PRINTING IN CONSTRUCTION TECHNOLOGY”* organized by department of civil Engineering at National Engineering College from 02.09.2024 to 06.09.2024.
- Completed the course *“Solid Mechanics”* through NPTEL certification course with Elite + Silver grade
- Attended FDP on *“Artificial Intelligence and Machine Learning Application in Civil Engineering”* Conducted by Civil Engineering Department from 09/12/2024 to 14/12/2024 (One Week) at Dr. Mahalingam College of Engineering and Technology, Pollachi.
- Presented paper on *“Effect of flyash and Nano Silicain High strength Self Compacting Concrete for Enhanced Rheological Properties ”* in 5<sup>th</sup> International Conference on Innovations in Thermal, Manufacturing, Structural and Environmental Engineering organized by Departments of Agricultural, Civil and Mechanical Engineering at Kongunadu College of Engineering and Technology, trichy held from 23.03.2026 to 24.03.2026.
- Attended One week short term training program on *“ Structural Health Monitoring: From fundamentals to Field Implementation”* organized by NIT, Trichy from 19.01.2026 to 23.01.2026
- *Participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Seismic Evaluation, Strengthening, and Disaster Risk Reduction for Built Infrastructure at NATIONAL INSTITUTE OF TECHNOLOGY NIT CALICUT from 05/01/2026 to 10/01/2026.*
- *Attended AICTE Training And Learning (ATAL) Academy Faculty Development Program on Building Resilient Infrastructure to Earthquakes: From Design to Restoration at NATIONAL ENGINEERING COLLEGE from 10/11/2025 to 15/11/2025.*
- *Attended FDP on the course “ Qualitative Research Methods and research Writing” by NPTEL*
- *Undergone one week industry training program at RSB Arch Projects and Consultants, Chennai from 24.11.2025 to 29.11.2025.*

- *Attended Two day International workshop on “ Low Carbon and Lean approaches to Resilient Green Infrastructure during september 19-20, 2025 held at PSG College of Technology, Coimbatore*

**SUBJECTSHANDLED:**

**(i) Theory Subjects**

- Solid Mechanics
- Strength of materials
- Engineering Geology
- Highway Engineering
- ConcreteTechnology
- Construction Materials
- Prestressed Concrete Structures
- Railway Airportand HarbourEngineering
- Construction Management

**(ii) Laboratories**

- StrengthofMaterials
- Concrete and Highway Lab

**SignatureoftheFaculty**