

Kings College of Engineering

Department of Civil Engineering

Name : Ms. K. KALPANA	
Designation :	Assistant Professor
Qualification :	M.E., (PhD)
Area of Specialization :	Structural Engineering
Experience:	Teaching : 5 yrs 7 months UG: 5 yrs 7 months PG: NIL
	Industry: NIL
No. of workshop / Conferences / FDP attended :	1/2/4
Publication :	Journal National: NIL International: 1
	Conference National: 1 International: 1
Membership :	Indian Geotechnical Society (IGS)
Achievements :	Published a paper on Materials Science Forum -2025.

Workshop / Conferences / FDP attended: 1 / 2 / 4

PUBLICATIONS

1. Premalatha P, Kalpana K, Abdul Rahman J and Rubijayabakkiamani S (2023) "Nonlinear Behavior of Cold-Formed Steel Columns: Investigating the Influence of Stiffener on Strength and Buckling Resistance". Eng. Proc. 2023, 59, 148. <https://doi.org/10.3390/engproc2023059148>.
2. Published A journal in IRJET about a topic of about "Investigation on the Performance and Durability of Hemp Concrete on Feb, 2018.
3. Pandi K, Vivekandhan V, Kalpana K, Jeo Patric Gnanraj S " Experimental study on partial replacement of fine aggregate with cashews Nutshells ash in concrete". Materials science forum 2025, 77-86, 1144. <https://doi:10.4028/p-IFErD7>.

PATENT

1. "Device for Additive Manufacturing" Published on 28.6.2023
2. "IOT Sensor Housing for Structural Monitoring" on Published on 23.12.2024.

EVENT ORGANISED

1. VAC – Computer aided Building Drawing using AutoCAD from 23.02.2023 to 27.02.2023 at MIET Engineering College, Trichy.
2. VAC - AutoCAD for Civil Engineers – Planning and Structural Detailing from 27.07.2023 to 02.11.2023 at MIET Engineering College, Trichy.
3. Guest Lecture on "Building Planning Approval Procedure." for Civil Engineering students on 30.04.2024 at MIET Engineering College, Trichy.

FDP Attended

1. FDP on "Fluid mechanics" on 2 nd August 2019 jointly organized by Civil Engineering Department BIT Campus Trichirappalli.
2. Workshop on "Analysis and Design of RCC Structures A Practical Approach" on 6 th May 2022 jointly organized by Civil Engineering Department Meenakshi Ramaswamy Engineering College.
3. Workshop on "Important of Indian Standards in Construction Field" on 28 th November 2023 jointly organized by Civil Engineering Department NIT Trichirappalli.
4. Faculty Development Program on Artificial intelligence for Science and Engineering at National Institute of Technology Nagaland from 17/02/2025 to 22/02/2025.
5. Faculty Development Program on Sustainability Innovation Trends in Civil Engineering at LORDS INSTITUTE OF ENGINEERING AND TECHNOLOGY from 10/03/2025 to 15/03/2025.