Faculty Profile



Name of the faculty – **Dr. N. Vetrivel**

Designation: Professor & Head
Department: Civil Engineering
School: Engineering & Technology
Faculty: Science & Technology
Mobile: +91-9840986609
Email: nagarajan.vetrivel@ce.sguk.ac.in

Education Qualification

Degree / Specialization	University / Institution	Year
Ph.D in Civil Engineering	Anna University, Chennai, Tamil Nadu, India	2020
M.Tech in Hydraulics & Water Resources Engineering	Indian Institute of Technology Madras, Chennai, Tamil Nadu, India	2008
B.E in Civil Engineering	PSG College of Technology, Coimbatore, Tamil Nadu, India	2004
Diploma in Civil Engineering	Thiagarajar Polytechnic College, Salem, Tamil Nadu, India	2001
Advanced Certification - Data Science & AI	IIT Madras (CODE), Chennai, Tamil Nadu, India	2023

Experience (in years): Academic Teaching & Research: 18 + yrs. Administration: 10+ yrs. Industrial: 2+ yrs.

Area of Specialization / Research: Water Resources Engineering; Groundwater & Hydrological Modelling; AI/ML applications in hydrology; GIS & Remote Sensing; Climate resilience; Smart and Sustainable Water Systems, Special Foundation, Structural Health Monitoring; Design of Steel and RC Structures; Intelligent and Adaptive Traffic Signaling and Monitoring; High Strength Floor Tiles for Energy Harvesting;

Academic Leadership Role: Former School Dean, Jigjiga University, Ethiopia; former Head of Civil Engineering, Chairman, Board of Studies and Board of Examiner, MVJ College of Engineering, Bangalore, Karnataka and Kuppam Engineering College, Kuppam, Andhra Pradesh.

Research Grants / Funded Projects / Consultancy: Major Research Grant Proposal – USD 42,000; Mini Research Grant – USD 1,800; VTU Innovative Student Projects – 6 Projects; Materials Testing Consultancy – ₹1.5 Lakh; SONA–KMC Industry Training & Consultancy – ₹30 Lakh.

Invited Academic Engagements as Resource Person, Chief Guest, Guest Speaker & Keynote Speaker in Seminars, FDPs and Workshops: 34

Publication / Patents / Research Output:
- National / International Journal Papers: 7
- National / International Conference Papers: 10
- Patents: 1 Granted Patents filed/published: 4
- Books / Course materials: Engineering Mechanics and 17 construction-industry training course materials

Research Guidance / Research Role:
Guided PG: Structural / Transportation / Water Resources Engg., : 18
Role: Reviewer & Examiner for PG research works; academic advisor and trainer for faculty/researchers; research and publication training delivered internationally.