



**KUMARAGURU**  
COLLEGE OF TECHNOLOGY  
Character is life

**CIVIL  
ENGINEERING  
ASSOCIATION**



# BUILDERS EXPRESS

May – June 2025



## **ABOUT KCT:**



Kumaraguru College of Technology is an autonomous, self-financing engineering college, affiliated to Anna University. It was started in 1984, with the mission of providing aspiring students of technical education, a challenging learning environment. Over the last three decades, several new programs have been introduced and the institution has emerged as a trusted destination for quality technical education and as a hub for research and innovation. The college is ISO certified and is accredited by NAAC. Several programs offered by KCT are accredited by NBA. In addition to a host of engineering and allied engineering courses, KCT has also gained recognition for its uniquely tailored management education programs.

KCT prides itself as an institution that is quick to adapt its learning delivery platform to rapidly evolving learning environments. This has resulted in creating a vibrant ambience on campus that engages students in a variety of ways.

## **Vision of Institution**

The vision of the college is to become a technical university of International Standards through continuous improvement.

## **Mission of Institution**

Kumaraguru College of Technology (KCT) is committed to providing quality Education and Training in Engineering and Technology to prepare students for life and work equipping them to contribute to the technological, economic and social development of India. The College pursues excellence in providing training to develop a sense of professional responsibility, social and cultural awareness and set students on the path to leadership.

## **Vision of Department**

Department of Civil Engineering is striving to become as a world class Academic Centre for quality education and research in diverse areas of Civil Engineering, with a strong social commitment.

## **Missions of Department**

1. Producing highly competent and technologically capable professionals and motivated young Academicians
2. Providing quality education in undergraduate and post graduate levels, with strong emphasis on professional ethics and social commitment.
3. Developing a scholastic environment for the state – of –art research, resulting in practical applications.
4. Undertaking professional consultancy services in diverse areas of Civil Engineering.

## **Message from the Head of the Department:**

*"The Department has made significant strides in May and June through faculty achievements, impactful research, industry consultancies, and societal engagement. From river water quality assessments to International Yoga Day celebrations, our commitment to academic excellence and community service continues to thrive."*

— Dr. Selvan V

## **PROGRAMS ORGANIZED:**

### **1. International Yoga Day – Sensitization Session**

- Date: 24th June 2025
- Venue: Tamil Nadu Institute of Urban Studies, Coimbatore
- Facilitators: Mr. K. Sathiyathan & Dr. G. L. Sathyamoorthy
- Objective: Promote wellness, stress management, and workplace mindfulness
- Highlights: Guided breathing sessions, mindfulness techniques, and yoga's impact on productivity



## **Programs Attended by Faculty:**

### **1. FDP Participation Highlights:**

- Mr. Sathiyathan
  - i. Participated in 5-Day FDP on *Empowering Educators with Future Technologies and Manufacturing*
  - ii. Dates: 13–17 May 2025
  - iii. Organized by: Global Institute of Science and Technology

## **Research Publications & Academic Contributions:**

### **Faculty Journal Publications (May–June 2025):**

#### **1. Mr. Rajkumar S, Mr. Karthikeyan G**

- “Floating Concrete: A Review of Materials, Design Principles, and Applications”
- *IJ of Research Publication and Reviews*, May 2025

#### **2. Mr. G. Karthikeyan et al.**

- “Performance of Geopolymer Concrete with Flyash and Silica Fume”
- *IJ of Research Publication and Reviews*, March 2025

#### **3. Ms. Jeevitha S, Mr. G. Karthikeyan**

- “An Overview about Shape Memory Alloys (SMAs)”
- *IJIRSET*, May 2025



## **Consultancy Highlights:**

### **1. Environmental Consultancy – Kodiveri River**

- Date: 9th June 2025
- Consultant: Dr. A. Gandhimathi
- In Collaboration With: Tamil Nadu Pollution Control Board (TNPCB)
- Objective: River water quality assessment, pollution mapping
- Outcome: Actionable recommendations submitted to TNPCB



## **Student & Community Engagement:**

1. Yoga Awareness: Urban professionals and students engaged in wellness practices during International Yoga Day.
2. Survey Awareness: National Survey Day inspired student interaction with government surveyors (held late April 2025, but impact noted in May).

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**Head of the Department**  
**Department of Civil Engineering**

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