Experienced in architecting, coding, and deploying complete web solutions

**25/10/2025**

**Dr.G.K.Kamalam**
**Associate Professor/IT**

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**Assistant Professor/IT**

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**Assistant Professor/IT**

IT PARK

**Organized by**

**Department of Information Technology & Industry Institute Partnership Cell, Kongu Engineering College, Perundurai - 638 060, Erode Tamilnadu.**

# KONGU ENGINEERING COLLEGE

## MODERN FULL-STACK WEB DEVELOPMENT: FROM CONCEPT TO LAUNCH

## ABOUT THE COLLEGE

Kongu Engineering College, a leading research oriented institution with excellent facilities, is run by Kongu Vellalar Institute of Technology Trust and was established in the year 1984.The Programs of the institute are accredited by NBA and the institute is accredited by NAAC with A++ grade. It is an autonomous institution affiliated to Anna University, Chennai. It consists of 167 acres of land richly endowed with beautiful Greenland. The college has completed 40 years of dedicated and excellent service to the people of India and abroad in the field of Technical Education. The college offers 17 UG Programs, 7 PG Programs and 16 Research Programs in Engineering, Applied Sciences and Management. The National Institutional Ranking Framework (NIRF) of the Ministry of Education has ranked Kongu Engineering College with in the band of 101 to 150 in engineering category for the year 2023. Kongu Engineering College also participated in 2023 NIRF Innovation ranking and is positioned in the band of 51 to 100 under this category. The institution has established Technology Business Incubator (TBI) supported by Department of Science and Technology, Government of India in its campus. TBI@KEC has won the National Award, for the best TBI in India, presented by President of India. The institution has received research grants amounting to Rs. 31.64 Crores from various funding agencies like AICTE, UG, DST, SIR, DIT, MNRE, ICSSR etc and has also executed industrial consultancy work to the tune of around Rs.7.11 Crores.

## ABOUT THE DEPARTMENT

The Information Technology Engineering department occupies a prominent place in the chronicles of its academic history in Kongu Engineering College since 1998. The department has been consistently producing illustrious Engineering graduates of high caliber who occupy prestigious positions in the academic and industrial fields. The department offers B.Tech. program and Ph.D. in Information Technology. The department has also been carrying out many consultancy activities to industries. Besides teaching. the department is actively involved in research and conducting training programs for students and practicing Engineers.

## DECLARATION

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend the training for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the training.

Place:

Date:

Signature of Applicant

### Hands-on experience
### with
### "*Modern Full-Stack Web Development: From Concept to Launch*"

**Department of Information Technology, Kongu Engineering College, Perundurai-638060, Erode, Tamilnadu**

## OBJECTIVES:

Equip participants with the practical skills and knowledge needed to design, develop, and deploy a full-stack web application. Through immersive, hands-on activities, attendees will gain experience with both frontend and backend development, understand the integration of different technologies, and learn best practices for creating scalable and maintainable web applications.

## TRAINING CONTENTS:

- **Introduction to Full Stack Development**
  Overview of frontend, backend, and databases.

- **Frontend Development** JavaScript, and (React/Angular/Vue). HTML, CSS, a framework

- **Backend Development** Server-side programming (Node.js, Express, etc.), APIs, and authentication.

- **Database Management** SQL vs. NoSQL, CRUD operations, and database integration.

- **Connecting Frontend & Backend** API integration and data handling.

- **Deployment & Hosting** Git, cloud platforms (Vercel, Netlify, Heroku, AWS).

- **Hands-on Project** Building a mini full-stack application.

- **Q&A & Wrap-up** Final discussions, troubleshooting, and next steps.

TARGET AUDIENCE:
Students, Faculty members and Research Scholars from academic institutes, personnel from R&D organizations and related industries.

FACULTY:
Sessions will be handled by KEC Faculty member.

BOARDING AND LODGING:
Boarding will be provided for the selected participants in the college campus on-demand basis.

REGISTRATION FEE:
Delegates from academic institutions, research scholars, UG & PG students: Rs. 150

HOW TO APPLY:
The applicants should fill the google form using the link for registration.

https://forms.gle/EQ8ZGskTLuwMR1d6A

As the seats are limited, the participants will be selected based on first come first serve basis for attending the training in physical mode.

### SCHEDULED DATES

| | |
|---|---|
| Last date for receipt of applications | : 18.10.2025 |
| Intimation of selection | : 20.10.2025 |
| Confirmation by participant | : 23.10.2025 |

**KONGU ENGINEERING COLLEGE (AUTONOMOUS)**
**PERUNDURAI, ERODE 638 060 TAMILNADU**

**Hands-on experience**
**with**
**"Modern Full-Stack Web Development: From Concept to Launch"**
**(25.10.2025)**

**APPLICATION FORM**

| | |
|---|---|
| Name | : |
| Designation | : |
| Organization | : |
| Gender | : |
| Age | : |
| Educational Qualification | : |
| Address for Communication | : |
| Mobile Number | : |
| E-mail ID | : |
| Experience | : |
| Teaching | :_____ years |
| Others (Specify) | :_____ years |
| Need Accommodation | : Yes/No |
| Signature | : |