OBJECTIVE

This IoT workshop provides a hands-on introduction to the Internet of Things, starting with the fundamental concepts, architecture, and protocols. It covers key hardware platforms, software tools, and programming techniques required to build IoT solutions. Participants will gain practical experience in connectivity, data communication, and developing a mini IoT project. The program also explores real-world applications, current challenges, security considerations, and future trends, enabling participants to design and implement effective IoT solutions.

COURSE CONTENTS

- Introduction to IoT
- Protocols of IoT
- Hardware Platforms, Software Tools & Programming
- Connectivity & Data Communication
- Building a Mini IoT Project
- Challenges & Future Trends

Fly.Off.Jeevanantham A,
AP, Associate NCC Officer
KEC

TARGET AUDIENCE:

Faculty members and Students from other institutes

BOARDING AND LODGING:

Accommodation and boarding will be provided in the college campus to the participants if required with additional charges.

REGISTRATION FEE DETAILS:

Registration Fee - ₹201(includes GST)

(Faculty & Students)

- The fee includes refreshment.
- Hardcopy of the certificate will be provided for all the participants

SCHEDULED DATES:

Last date for registration : 09.10.2025

Confirmation of the participants : 10.10.2025

Registration will be closed if we reaches the maximum count.

HOW TO APPLY:

The applicants should submit the filled application in the below link to us on or before 11.11.2025.

https://q.me-qr.com/qk3dyrrZ

Estd : 1984

Transform Yourself

KONGU ENGINEERING COLLEGE

(AUTONOMOUS)

PERUNDURAI, ERODE 638 060

TAMILNADU

Exploring IoT Technologies: A One-Day Hands-on Workshop

Date : 11.10.2025 (saturday)

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 Programmes 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 Programmes, 15 PG Programmes and 15 Research Programmes in Engineering, Applied Sciences and Management. In National Institution Ranking Frame work (NIRF), MHRD, Govt. of India survey 2023, the institution has bagged 117th rank among all engineering institutions in India including premier institutions like IITs, NITs etc. Achieved 8th Rank under Faculty, Research, Consultancy, EDP Category among Top 25 Engineering Institutions in the success competition review conducted by GHRDC. 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.

ABOUT THE DEPARTMENT

The Information Technology 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. programme 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 programmes for students and practicing Engineers.

ABOUT THE LOCATION

The college is situated at Perundurai on the National Highway (NH 47) about 80 km from Coimbatore and 17 km from Erode.

Kongu Engineering College,Kumaranagar, Thoppupalayam, Perundurai-638060

Estd : 1984

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CHAIRMAN
FLY.OFF.JEEVANANTHAM A
AP, ASSOCIATE NCC OFFICER/IT

CONVENOR
MS.S.SUJITHA
ASSISTANT PROFESSOR /IT

MS.R.SANDHIYA
ASSISTANT PROFESSOR/IT

Organized by
Department of Information Technology
&
Industry Institute Partnership Cell and Center of Excellence in Data Science Cell
Kongu Engineering College,
Perundurai – 638060 Erode Tamilnadu

Ms. R. Sandhiya 8760425765
Ms.S.Sujitha 94876 05109