

## OBJECTIVE

The primary objective of this workshop is to familiarize participants with essential AWS services like EC2, S3, and RDS. Through hands-on activities, attendees will learn how to set up and configure these services to build a robust and scalable application environment. This foundational knowledge is crucial for anyone looking to leverage AWS for their cloud computing needs.

Another key objective is to guide participants through the process of deploying applications on AWS. This includes setting up the necessary infrastructure, configuring security groups, and using AWS tools like Elastic Beanstalk for seamless deployment. By the end of this workshop, participants will have the skills to deploy, monitor, and manage applications in the AWS cloud environment.

Additionally, the workshop focuses on ensuring that the deployed applications are scalable and reliable. Participants will learn how to use AWS services such as Auto Scaling, CloudWatch, and Load Balancing to maintain application performance under varying loads. This section aims to equip attendees with the knowledge to optimize and scale their applications effectively, ensuring they can handle real-world demands.

## COURSE CONTENTS

- Overview of Amazon EC2 and its features.
- Shell Commands Refresher-essential shell commands for managing EC2 instances
- Step-by-step guide to deploying a static HTML website on EC2.
- Overview of Amazon S3 and its use cases.
- Hands-on activity for uploading and managing static files and images in S3.
- Pipeline Deployment for AWS (Automatic Deployment)

## TARGET AUDIENCE:

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

## FACULTY:

Sessions will be handled by experienced faculty members from reputed institutions and experts from R & D organizations and related Industries.

## BOARDING AND LODGING:

Accommodation and boarding will be provided in the college campus to all the participants if required

## REGISTRATION FEE DETAILS:

Delegates from industries : **Rs 350**

Delegates from academic institutions : **Rs.301**  
and research scholars

UG & PG students: **Rs.301**

The course fee includes lunch and refreshment.

## HOW TO APPLY:

The applicants should submit the filled application in the below link to us on or before **19.09.2024**.

<https://tinyurl.com/awswkshop>

## SCHEDULED DATES

**Last date for receipt of Applications :** 19.09.2024

**Confirmation by participant :** 20.09.2024



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

## Building and Deploying Applications on AWS: A Practical Workshop

**Date : 21.09.2024**



## 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

### HOW TO

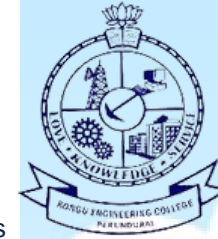
### APPLY

The applicants should submit the filled application in the below link to us on or before 19.09.2024.

<https://tinyurl.com/awswkshop>



Kongu Engineering College, Kumaranagar, Thoppupalayam, Perundurai-638060



## Building and Deploying Applications on AWS: A Practical Workshop

(21.09.2024)

### Chairman

Dr.E.M.Roopu Devi  
Associate Professor/IT

### Convenor

Ms.K.Sruthi  
Assistant Professor /IT

Ms.R.Sandhiya  
Assistant Professor/IT

Organized by  
Department of Information  
Technology  
Kongu Engineering College  
Perundurai - 638 060, Erode,  
TamilNadu

### GET IN TOUCH



6380525789

8973420435

8760425765

Mail:



sandhiya.it@kongu.ac.in,

sruthi.it@kongu.ac.in