

OBJECTIVE:

The overall objective of the training is to build an efficient and scalable web applications that can grow with user demand and implementing a microservices architecture. HTML defines the structure of your content, CSS determines the style and layout and using Bootstrap to create the website as responsive. Javascript makes the content interactive by incorporating valuable skills such as object-oriented, functional and imperative styles of programming. Node.js is an open-source platform that allows developers to create powerful javascript applications on the serverside. Harnessing asynchronous operations, it allows developers to build real-time, data-driven apps with remarkable performance capabilities. Node.js is a javascript runtime that commonly powers web servers. Developers can use these two pieces of technology along with MongoDB, a fully managed database service to rapidly create modern applications.

The outcome of the training is that the participants can gain superior real-time data processing capabilities, crucial for applications like online gaming, chat applications and live updates by combining Node.js and MongoDB.

TRAINING CONTENTS:

- Introduction and Basic Concepts
- Webpage design using HTML and CSS and host it in github repository
- Creating responsive website using Bootstrap
- Validation of form using Javascript
- Development of simple login page by performing event handling using GET and POST methods in NodeJS
- Integration of MongoDB to the webpage

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 of Kongu Engineering College.

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. 254+18%=Rs.300
(including 18% GST)

The registration fee includes course material, lunch and refreshment gpay to 8344441551

HOW TO APPLY:

The applicants should fill the google form using the link, <https://forms.gle/zMZ76k6niTTFnU8P8> for registration. 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 : 23.04.2024

Intimation of selection : 24.04.2024

Confirmation by participant : 25.04.2024

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

Hands-on Training
On

“Building an Interactive Website Application using
NodeJS with MongoDB”

(26.04.2024)

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 :

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 the Applicant**

SPONSORSHIP CERTIFICATE

Mr/Ms/Dr _____

is an employee of our Institute / Organization and is hereby sponsored. He/She will be permitted to attend the training in full, if selected.

Place: _____ **Signature of the Sponsoring Authority**

Date: _____ **Office Seal**

**Application form completed in all respects is
to be sent to:**

Dr.S.Anitha
Associate Professor

**Hands-on Training
On
Building an Interactive Website Application using
NodeJS with MongoDB**

**Department of Information Technology
Kongu Engineering College
Perundurai Erode-638 060 Tamilnadu
Contact Nos.:- 7010461060, 9842571555, 9488066933
E-mail ID: anithame.it@kongu.edu,
aarthi.it@kongu.edu, vanitha.it@kongu.edu**

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, 7 PG Programmes and 16 Research Programmes 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. programme 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 programmes for students and practicing Engineers.



TECHNICAL ANNOUNCEMENT BROCHURE



**Hands-on Training
On
Building an Interactive Website Application
using NodeJS with MongoDB
(26.04.2024)**

Coordinators

Dr.S.Anitha
Associate Professor/IT

Ms.R.Aarthi
Assistant Professor/IT

Ms.P.Vanitha
Assistant Professor/IT

Organized by
**Department of Information Technology
&
Industry Institute Partnership Cell
Kongu Engineering College
Perundurai – 638 060 Erode Tamilnadu**

Tel: 04294-226570
Website: www.kongu.ac.in

