OBJECTIVE

React.js is a popular JavaScript library developed by Facebook for building dynamic user interfaces, especially for single-page applications. It follows a component-based architecture, allowing developers to create reusable UI components. React uses a Virtual DOM, which optimizes rendering by updating only the parts of the actual DOM that have changed, improving performance. JSX, a syntax extension, enables writing HTML-like code within JavaScript. React's declarative nature simplifies managing UI states and updates. Its integration with tools like React Router and Redux supports efficient routing and state management, making React a powerful tool for scalable web applications. The main objective of React.js is to simplify the development of dynamic, interactive user interfaces (UIs) for web applications while ensuring high performance, scalability, and maintainability.

PROGRAMME CONTENTS

- Introduction to React.js: Concepts and Components
- Understanding JSX: JavaScript + XML
- Styling in React: CSS-in-JS, Styled Components, and CSS Modules
- State and Props in React.js
- React.js Lifecycle Methods
- Handling Events in React.js
- React Hooks: A Functional Way to Manage State
- React Router: Navigating Single Page Applications

PARTICIPANT PROFILE

Faculty from AICTE approved Engineering Colleges and Polytechnics with relevant background. Candidates from industries and R&D organizations can also participate.

HANDLING EXPERT

Experienced faculty members of Kongu Engineering College and experts from various reputed institutions and industry will handle the sessions.

REGISTRATION FEE DETAILS

Details	Amount**
Registration Fee	Rs. 250+18%=Rs.295 (including 18% GST) (Faculty & Students)

** The registration fee includes refreshment and E-Certificates will be provided to all participants.

HOW TO APPLY

The applicants should send their applications in the specified format through their Principal / Sponsor to us on or before 12.11.2025. If selected, they should confirm their participation in time.

Registration Link: https://forms.gle/WfuQ2efRkb4n9Bzi9

IMPORTANT DATES

Last date for receipt of Applications	:	**12.11.2025**
Intimation to Participants	:	**13.11.2025**
Confirmation by participants	:	**14.11.2025**

KONGU ENGINEERING COLLEGE
(Autonomous)
Perundurai Erode - 638060 Tamilnadu

National-Level Workshop
On
React in Action: Building Scalable Frontend Architectures
(15.11.2025)

APPLICATION FORM

Name :

Designation :

Organization :

Gender :

Age :

Educational Qualification :

Address for Communication :

Mobile Number :

E-mail ID :

Experience :

Teaching : _____ years

Others (Specify) : _____ years

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 programme for the entire duration. I also undertake the responsibility to inform the coordinator in case I am unable to attend the course.

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 programme in full, if selected.

Place: Signature of the Sponsoring Authority

Date: Office Seal

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

Mr.S.Vinothkumar
Assistant Professor (SRG),
Department of IT,
Kongu Engineering College,
Perundurai, Erode-638 060, TamilNadu
Mobile: +91- 9003683789, 9600359429

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 18 UG Programmes, 7 PG Programmes and 16 Research Programmes in Engineering, Applied Sciences and Management. Kongu Engineering College Ranked in the band of 101 to 150 in 2025 NIRF. 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 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.

Estd : 1984

National Level Workshop

React in Action: "Building Scalable Frontend Architectures"

on

15.11.2025

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

Coordinators
Dr.S.Varadhaganapathy
Mr.S.Vinothkumar
Ms.A.Deenu Mol

Organized By

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Mobile	:	+91- 9600359429
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KONGU
Assuring the Best