



# Certified Specialist in **FULL STACK DEVELOPMENT (MERN)**



For more details and register online:  
<https://ictkerala.org/course?code=LFR010N>



**75% Scholarship**  
for meritorious candidates (Keralites)





## Certified Specialist in **FULL STACK DEVELOPMENT (MERN)**

ICTAK

ICT Academy of Kerala (ICTAK) is a Social Enterprise created in a Public-Private Partnership model (PPP) for imparting ICT skills to the youths of Kerala and improving their employability opportunities in the Industry. The Company is supported by Govt. of India, partnered by Govt. of Kerala, and the IT industry.

MERN stack is an excellent choice for web developers who wish to develop high-quality web applications using JavaScript. The core technologies define the MEAN stack – MongoDB, Express.js, Angular, and Node.js – all are based on one language, Javascript. MEAN stack, in addition to using high-performance and customized technologies, allows for easier and faster deployment of full-stack web applications. Its flexibility and open-source nature make it popular among developers. This program helps the learners to build data-driven applications, as well as test, secure, and deploy their code.

# Zero cost EMI for 6 months is available from the partner finance company. The disbursement of zero cost is subject to the approval of our finance partner named Finance Peer.



**Course Fee**  
**25,000 INR + GST #**



**Duration**  
**6 Months (400 Hrs.)**



**Internship Duration**  
**125 Hrs.**



**Time Split**  
Instructor-led live Training +  
Industry Expert Interaction +  
Bootcamp: 75 Hrs.  
Self-paced Learning: 100 Hrs.  
Project Work: 100 Hrs.  
Virtual Internship: 125 Hrs.

Powered by



Course Delivery



Knowledge Partner



Internship Partner



Certified Specialist in

# FULL STACK DEVELOPMENT (MERN)



## About the Program

Full Stack Development (FSD) Program is a technology training program facilitated by Govt. of Kerala that will be of high industry relevance in the coming years. By going through the program, students will be able to achieve certification that will help them to apply for different job roles in many Technology and Business organizations (such as Information Technology, Banking, Financial Services, Retail) that apply such technologies.

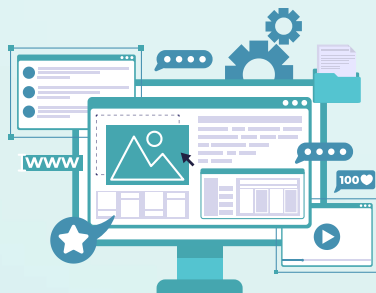


## AGENDA

- Introduction to MERN Stack
- Learn HTML5 & CSS3 Fundamentals
- JavaScript Foundation
- JavaScript Advanced
- Learning npm - Node Package Manager
- Node.js Essentials
- Express Essentials
- Building a Website with Node.js and Express.js
- Learning MongoDB
- React.js Essentials
- Full-Stack JavaScript Development with MongoDB, Node and React
- MERN Application Deployment

## OBJECTIVES

- Apply the knowledge of HTML5 and CSS3 and an IDE to create personal and/or business websites
- Develop advanced programming skills using JavaScript
- Master Node.js by building practical, working examples including security features
- Familiarize with Express application framework
- Design and build an end-to-end application with MERN Stack using ES6 (JavaScript)
- Develop, deploy and secure advanced, high performance, web applications and web APIs





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## Course Highlights

- Suitable for graduates and working professionals
- 75% scholarship for meritorious candidates (Keralites)
- Access to more than 14000 LinkedIn courses
- 125 hours of virtual internship at TCS iON
- 100% placement assistance guarantee\*
- Badges from partner companies
- Employability skills training
- Hybrid learning with instructor-led live sessions and Bootcamps
- Program accessible from around the globe

\* Conditions apply.

## ELIGIBILITY

The following shall be eligible to join the course;

- Engineering or science graduates / three-year diploma with basic knowledge in Computer Science fundamentals,
- Students who have completed their graduation but are awaiting the final results,
- Age limit: 45 years (for scholarship).

*Please note that the ICT Academy of Kerala will have the right to cancel the candidature at any point if found ineligible.*



**INFORMATION &  
COMMUNICATION TECHNOLOGY  
ACADEMY OF KERALA**  
**ICTAK**

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