



# Value-Added Program (VAP): Full Stack Development

In Association with



4<sup>th</sup> May to 8<sup>th</sup> May, 2026 | 9:00 AM - 4:30 PM

Venue: ECE Block Seminar Hall, Acharya Campus

## About the Program

### Objectives of the Program

- To introduce fundamental concepts of data structures and enable students to apply them in solving real-world problems through mini-projects.
- To equip students with the skills required to design and develop responsive web pages using HTML and CSS.
- To provide knowledge of JavaScript for creating interactive and dynamic web applications.
- To familiarize students with component-based frontend development using React.js.
- To enable students to develop server-side applications and APIs using Node.js and Express.js.
- To introduce NoSQL databases and train students to perform CRUD operations using MongoDB.
- To integrate frontend, backend, and database technologies for building and deploying a complete full-stack web application.

### Expected Outcomes of the Program

- Apply basic data structure concepts and implement mini-projects using them.
- Design and develop responsive web pages using HTML and CSS.
- Write JavaScript programs to add interactivity and dynamic behaviour to web applications.
- Build component-based frontend applications using React.js.
- Develop server-side APIs using Node.js and Express.js.
- Perform CRUD operations and connect a NoSQL database (e.g., MongoDB) to a backend application.
- Integrate Full Stack — Connect the frontend, backend, and database to deploy a functional full stack web application.

**Target Audience:** 4<sup>th</sup> Semester AI&ML Students

## Committee Members

### ADVISORY COMMITTEE

- Dr. Mari Gowda C K, Principal of AIT

### CONVENER

- Dr. Vijayashankar S.S, Professor and Head, Department of Artificial Intelligence and Machine Learning, AIT

### COORDINATORS

- Dr. S Anupallavi, Associate Professor, Department of Artificial Intelligence and Machine Learning, AIT
- Dr. Kavitha Nair R, Associate Professor, Department of Artificial Intelligence and Machine Learning, AIT,

## Resource Persons



**Ms. Navina K**

**Designation:** Front-End Developer  
State Street Corporation  
Hyderabad, Telangana



**Mr. Guruprasad R**

**Designation:** Data Analyst  
Vodafone Intelligent Solutions



**Ms. Bhavyashree S P**

**Designation:** Assistant Professor  
Department of CSE, AIT



**Mr. Jovin Deglus**

**Designation:** Assistant Professor  
Dept of AI&ML, AIT



**Mr. Nandakumar N**

**Designation:** Assistant Professor  
Dept of AI&ML, AIT



**Mr. Mohammad Tahir Mirji**

**Designation:** Assistant Professor  
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LOCATE US

Event Coordinator

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Associate Professor,  
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