



Date: 09/09/2026

Submitted,

Sub: Report on Full Stack Development Bootcamp conducted on 07/09/2026 and 08/09/2026 – reg.

The M-App Club, in association with the SIH 2026 Scope Team and IEEE Computer Society of Sri Sairam College of Engineering, Bangalore, conducted a two-day “**Full Stack Development Bootcamp**” on **07.09.2026 and 08.09.2026** at the **CSE Lab 1** from **9:00 AM to 4:00 PM**.

The programme was organised with the objective of providing students with practical knowledge of modern web development technologies and preparing them to develop effective solutions for Smart India Hackathon (SIH) 2026.

The event coordinators were the M-App Club SIH Scope and Magic Team Members.

The resource persons for the programme were:

1.Ms.Chaya S,

Website Developer,

RoboManthan Pvt. Ltd., Bangalore.

2.Ms.Kanishka,

Website Developer,

RoboManthan Pvt. Ltd., Bangalore.

3.Mr.Saravanakumar,

Full Stack Developer

RoboManthan Pvt. Ltd., Bangalore.

PROGRAM DETAILS:

INTRODUCTION

A two-day Full Stack Development Bootcamp was conducted to provide students with practical exposure to web development and full-stack technologies. The programme focused on developing students' technical skills in designing and developing interactive web applications.

The bootcamp was particularly organised to support students participating in Smart India Hackathon (SIH) 2026, enabling them to understand how front-end and back-end technologies can be integrated to develop functional and innovative solutions.

The sessions were practical, interactive and focused on hands-on learning.

OBJECTIVE OF THE BOOTCAMP



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The main objectives of the bootcamp were to introduce students to the fundamentals of Full Stack Development, provide practical knowledge of modern web development technologies, and strengthen their understanding of HTML, CSS3 and PHP. The bootcamp also aimed to provide hands-on coding experience, improve students problem-solving and programming skills, and demonstrate the development of interactive and responsive websites. It further motivated students to develop innovative solutions for SIH 2026 and helped bridge the gap between academic learning and industry requirements.

OVERVIEW OF THE BOOTCAMP

The bootcamp began with an introduction to Full Stack Development and its importance in modern software development. The resource persons explained the basic components of web application development, including HTML for creating web page structure, CSS3 for styling, PHP for server-side programming and the concepts of front-end, back-end, and full stack development. They also discussed website design and development. Practical demonstrations and coding activities were conducted and students were encouraged to apply the concepts through hands-on practice.

HANDS-ON LEARNING

The bootcamp provided students with practical exposure to creating and designing web pages using HTML and CSS3. The students also gained an understanding of PHP and its role in server-side development. The hands-on sessions helped them understand how different technologies can be integrated to build a complete web application. The resource persons guided the students in solving technical problems and improving their coding skills.

The interaction with industry professionals from RoboManthan Pvt. Ltd., Bangalore, provided students with valuable insights into current web development practices and industry expectations. The resource persons shared practical knowledge regarding website development and full-stack application development. Students also gained an understanding of the skills required for pursuing careers in web development and software development.

SIH 2026 ORIENTATION

As the programme was organised as part of the SIH 2026 Scope Team initiative, emphasis was given to applying full-stack development skills for developing solutions to real-world problem statements.



Students were encouraged to use the knowledge gained during the bootcamp to develop functional prototypes and innovative solutions for participation in Smart India Hackathon 2026.

PARTICIPATION

A total of 150 students from various departments of Sri Sairam College of Engineering actively participated in the two-day Full Stack Development Bootcamp. The participation of students from different departments promoted interdisciplinary learning and encouraged them to collaborate in developing technology-based solutions.

OUTCOME OF THE BOOTCAMP

The Full Stack Development Bootcamp successfully improved the technical knowledge and practical skills of the students. They gained practical knowledge of HTML, CSS3, and PHP and understood the basics of full-stack development. The programme helped students improve their coding and problem-solving skills, understand the integration of front-end and back-end technologies, and gain confidence in developing web applications. It also provided exposure to industry-oriented practices and encouraged students to apply their knowledge to SIH 2026 problem statements and explore careers in web and software development. It also includes how to convert web applications into mobile applications.

CONCLUSION

The Full Stack Development Bootcamp conducted on 07.09.2026 and 08.09.2026 was informative and useful for the participants. The programme provided students with hands-on experience in web development and helped them understand the practical aspects of full-stack application development. The participation of 150 students from various departments made the programme successful and encouraged interdisciplinary learning. The interaction with industry resource persons also gave students valuable knowledge about current industry practices and career opportunities. The programme concluded with a Vote of Thanks, expressing gratitude to the Management, Principal, HoD, resource persons, faculty members, students, SIH 2026 Scope Team, M-App Club and organising team for their valuable support and contribution. Overall, the Full Stack Development Bootcamp served as an effective platform for enhancing students' technical skills and preparing them to develop innovative and practical solutions for Smart India Hackathon 2026.



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Knowledge Beyond Boundaries

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Affiliated to Anna University, Chennai
Established in 1983



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9/9/26.

*Submitted to
Principal sir*

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9/9/26.

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