SAHYADRI
COLLEGE OF ENGINEERING & MANAGEMENT
An Autonomous Institution
MANGALURU

Department of Computer Science and Engineering

IEI Student Chapter

Details of Technical Activity

1. Title /Theme: The IEI Student Chapter, Computer Science & Engineering of Sahyadri College of Engineering and Management, organized a workshop on "Cross Platform Application Development"

Date :: 21th July 2023   **Duration: 2 Hours**
No of Students Participated:60

Photographs with the caption:

IEI CSE Student Chapter Core Committee Members with resource person

Student's participation in the programme

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Details:

By: Mr. Rithesh Flutter Developer ,Dream Soft Innovation Pvt Ltd. India
Date: 21st June 2023.

About Rithesh
"Rithesh, a skilled Flutter Developer currently affiliated with Dreamsoft Innovations. With expertise in cross-platform development, Rithesh has been actively working with Flutter since 2019, successfully publishing over 20 apps.
As a Flutter Developer, Rithesh excels in creating exceptional user experiences and possesses a strong understanding of mobile app development principles. With a keen eye for detail, problem-solving abilities, and excellent communication skills, Rithesh has contributed to the completion of various projects, collaborating effectively with diverse teams.

Rithesh's proficiency lies in utilizing Flutter's robust framework to build visually appealing, high-performing, and user-friendly cross-platform applications. Their dedication to staying up-to-date with the latest trends and technologies in the Flutter ecosystem ensures that they remain at the forefront of this rapidly evolving field.

Driven by a passion for creating meaningful and impactful mobile experiences, Rithesh is excited about future opportunities and is eager to contribute their expertise in Flutter development to drive success in upcoming projects.

Report

The Cross-Platform Application Development workshop was conducted on **21-06-2023** at the **Ground floor seminar Hall Sahyadri**. Workshop is conducted under IEI Student chapter of CSE Department

The workshop aimed to provide participants with a comprehensive understanding of cross-platform development, including its importance, working principles, and popular frameworks. The event also featured an introduction to Flutter, followed by a sample demonstration of a chat application using GPT.

The workshop began with an insightful session on the concept of cross-platform development. Participants learned that cross-platform development refers to the practice of creating applications that can run on multiple platforms, such as iOS, Android, and web, using a single codebase. The advantages of cross-platform development, including code reusability, faster development cycles, and reduced costs, were discussed in detail. The workshop provided participants with a comprehensive understanding of how cross-platform development works. Various technologies, such as frameworks, libraries, and tools, were explored, enabling participants to grasp the underlying principles of cross-platform development. The session also covered topics like platform-specific code, native components, and performance considerations. participants were introduced to popular cross-platform frameworks such as React Native, Flutter, and Xamarin. An in-depth session on Flutter, Google's open-source UI toolkit for cross-platform development, was conducted. Participants were familiarized   with   Flutter's   architecture

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As a practical application of cross-platform development, participants witnessed a live demonstration of developing a chat application using GPT (GPT) powered by the OpenAI language model. The demo showcased how to integrate GPT with Flutter, enabling participants to witness the seamless integration of artificial intelligence and cross-platform application development.

nearly 60- students took active participation in the event . Mr. Harisha faculty advisor and IEI Student chapter coordinated overall events.