

Date:10-05-2024

Technical Talk on “Introduction to Flutter App Development”

Name of the Program:	Talk on “ Introduction toFlutter App Development ”	Program Dates & Timings:		10.05.2024 9.00AM- 1.00PM	
Name & Details of the Resource Person:	Pavan Shettigar, Vikram Balachandra Naik, Devesh Kulal 3 rd Year, Information Science and Engineering, AJIET, Mangaluru				
Organized by (Clubs/ Dept.)	Department of Information Science and Engineering				
Number of Participants	57	Students	57	Faculty	11
Program Outcome (PO) Mapping	PO1, PO2, PO3, PO4, PO7, PO11				
Coordinators	Mrs.Arptha Kumari G				
Faculty Participated	Mr. Prabhakara B. K., Mr. John Prakash Veigas, Mr. Rakesh M R, Mrs. Sharanya P S, Mrs. Navya S Rai, Mrs. Divya Mrs. R. Sahaya Shamini, Mrs. Archana Priyadarshini Rao				

About the Talk

The session on introducing participants to Flutter app development provided a comprehensive overview of Flutter as a leading framework for crafting cross-platform applications. Attendees were immersed in the foundational principles of Flutter, delving into its core features and elucidating its myriad advantages in the realm of mobile app development.

Throughout the session, participants were equipped with a deep understanding of Flutter's architecture, which underpins its robust performance and versatility across different platforms. By exploring Flutter's widget-based approach to building user interfaces, attendees grasped the flexibility and efficiency offered by this framework in creating visually appealing and responsive apps.

Key Topics Covered:

- Introduction to Flutter: Overview of Flutter framework, its origin, and its purpose.
- Flutter Architecture: Understanding the architecture of Flutter apps, including widgets, rendering engine, and platform channels.
- Dart Programming Language: Basics of Dart programming language, essential for Flutter development.
- Flutter Widgets: Exploration of various widgets provided by Flutter for building user interfaces.
- State Management: Overview of state management techniques in Flutter for maintaining application state.
- Flutter Development Environment Setup: Steps to set up Flutter development environment on different platforms.
- Building a Simple Flutter App: Practical demonstration of creating a basic Flutter app from scratch.

About the Program:

Agenda:

Sl No.	Topic	Speaker
1	Talk on “Introduction to Flutter App Development”	Pavan Shettigar, Vikram Balachandra Naik, Devesh Kulal

The Department of Information Science and Engineering organized a technical talk on “Introduction to Flutter App Development” on 10/05/2024.

Objectives: The program aimed to:

- Familiarize participants with Flutter framework and its features.
- Provide hands-on experience in building a simple Flutter app.
- Equip attendees with the foundational knowledge required to start their journey in Flutter app development.

Outcomes:

- Participants gained a comprehensive understanding of Flutter framework and its components.
- Increased awareness about the advantages of Flutter for cross-platform app development.

- Attendees acquired practical skills in setting up Flutter development environment and building basic Flutter apps.
- Stimulated interest among participants to explore further into Flutter app development and its possibilities.

Articulation Matrix:

Course Outcomes	Program Outcomes											
	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	2		3						1	
2	2	3	1		2							
3	1		3	2								
Average	2	3	2	2	3						1	

Glimpses of Event:



Coordinator

HOD

Principal