



Event Name	Deep Dive into Flutterflow
Date	09/10/2024 & 16/10/2024
Time	2:10PM – 4:10PM
Venue	M302 & S107
Number of Students Attended	60
Number of Faculty Members Attended	1
Faculty Coordinator	Dr. Jagruthi H
Event Organize	Nishit R Kirani Vyshak T M D S Harshith Parikshit M Rao Rohan M R Abhigna Shetty Rachana Mysore Ashwin Mysore Ritwik Radesh Sripada Srija Rani

DEEP DIVE INTO FLUTTERFLOW

EVENT REPORT



ORGANIZERS: Nexus Community
VENUE: M302 & S107, BNMIT

DATE: 9 October 2024 & 16 October 2024
TIME: 2:10 PM - 4:10 PM

INTRODUCTION

Nexus BNMIT recently hosted a FlutterFlow Deep Dive session designed to simplify no-code app development for engineering students from all branches. The session targeted first-year students gearing up for Prodothon, their first hackathon experience, but it was also attended by second and third-year students who sought to enhance their skills. The focus of the workshop was building a practical to-do application, and key concepts such as user authentication, Firebase database integration, and UI/UX design were thoroughly covered.

FOCUS ON FUTURE SUCCESS: PRODOTHON PREPARATION

A central aim of the session was to equip first-year students with a solid understanding of product development as they prepare for Prodothon, a hackathon that focuses on developing prototype solutions. Through guided instruction, participants were able to develop a functional app while gaining firsthand experience with FlutterFlow, a tool that allows them to build apps with minimal coding. This exposure will undoubtedly give them an edge as they work on their own product prototypes during the hackathon.

FROM CONCEPT TO CREATION: BUILDING A FUNCTIONAL TO-DO APP

The session was structured as a hands-on journey from concept to creation. Students learned how to:

- **Authenticate users** using Firebase's authentication features, enabling login and registration functionality.
- **Store and manage data** in real-time using Firebase's Firestore database, ensuring that to-do lists were dynamic and updated instantly.
- **Customize the interface** to build an aesthetically pleasing and functional user experience, all within the FlutterFlow platform's intuitive design environment.

The to-do application project gave participants the confidence to implement key app-building elements that will be useful in their future projects, especially during hackathons.

BRIDGING THE GAP: MULTI-YEAR COLLABORATION AND LEARNING

This session stood out because of its cross-year participation, with students from 1st, 2nd, and 3rd years working together. For first-year students, it was a valuable introduction to no-code development, while the 2nd and 3rd year participants added their perspectives and experiences. The collaborative environment fostered peer learning, making the session both dynamic and inclusive. 2nd and 3rd year students could revisit core concepts and solidify their skills, while first-year students benefited from early exposure to real-world app development practices.

EXPANDING HORIZONS: LEVERAGING NO-CODE TOOLS

Beyond the technical aspects, the workshop encouraged students to think critically about how no-code platforms like FlutterFlow can accelerate the development process. Participants saw firsthand how they could rapidly prototype ideas without needing to be experts in coding, making app development accessible to everyone. This knowledge will serve them well in both future hackathons and professional projects.

THE ROAD AHEAD: GEARING UP FOR MORE INNOVATION

The FlutterFlow Deep Dive session is just the beginning of a broader learning journey that Nexus aims to provide. Participants left with a functional app and newfound confidence in their app-building abilities. The skills they've gained are directly applicable to Prodothon and other upcoming challenges. As Nexus continues to host workshops, we aim to foster a culture of innovation and empower students to explore new technologies, collaborate effectively, and build impactful projects.

CONCLUSION: PAVING THE WAY FOR FUTURE DEVELOPERS

The **FlutterFlow Deep Dive** session proved to be a cornerstone event for Nexus BNMIT, providing participants with essential skills in **no-code app development**. By combining hands-on learning with real-world tools like **Firestore and FlutterFlow**, the workshop bridged the gap between theory and practical application. This session not only prepared first-year students for their upcoming Prodothon hackathon, but also gave upper-year students an opportunity to strengthen their app development capabilities.

Looking ahead, Nexus remains committed to fostering an environment of collaboration, innovation, and skill-building. As more workshops and hackathons are on the horizon, the groundwork laid during this event will continue to benefit participants, empowering them to build, iterate, and create impactful projects.

PHOTO GALLERY



App Development



Ice Breaker Session



Building App Logic



Team Photo