Vidyabharti Trust College of Master in Computer Application (MCA & MBA), Umrakh

Approved by AICTE, New Delhi and Affiliated to GTU, Ahmedabad

Workshop on Android Technology

Vidyabharti Trust College of Master in Computer Application organized a comprehensive workshop on Android Technology for MCA students from 5th April 2024 to 9th April 2024.An organizer representative was the Mr. Anil Chaudhari, a flutter developer at Neosoft Technology, Mumbai. The workshop aimed to equip participants with practical skills and knowledge in Android application development, catering to the growing demand for mobile app developers in the industry.

Participants were guided through the installation process of Android Studio, setting up the necessary tools and SDKs for Android app development. An introduction to UI design principles and components in Android, including Text Views, Buttons, Edit Texts, and Image Views, was provided. The workshop delved into different UI components and layouts available in Android, enabling participants to design and structure user interfaces effectively. Basic concepts of activities and intents were covered, along with practical examples demonstrating their usage for navigating between different screens and passing data. Participants learned about fragments, reusable UI components that can be dynamically added or removed from an activity, enhancing modularity and flexibility in app design. Techniques for handling user interactions and events, such as button clicks and touch events, were discussed, along with best practices for implementing event listeners. The workshop covered shared preferences, a mechanism for storing and retrieving key-value pairs persistently, allowing apps to save user preferences and settings. Participants were introduced to SQLite databases in Android and learned how to perform CRUD (Create, Read, Update, and Delete) operations to manage data efficiently within their applications.

The workshop fostered active participation through a combination of theoretical lectures, practical demonstrations, and hands-on coding exercises. Participants were encouraged to apply their knowledge and skills in real-time projects, consolidating their learning and enhancing their proficiency in Android development. By the conclusion of the workshop, participants had acquired a comprehensive understanding of Android app development fundamentals, including installation, UI design, event handling, and database connectivity with CRUD operations. Armed with practical skills and knowledge, attendees were well-equipped to embark on their journey as proficient Android developers.

Vidyabharti Trust College of Master in Computer Application (MCA & MBA), Umrakh

Approved by AICTE, New Delhi and Affiliated to GTU, Ahmedabad

Glimpse of the Workshop:



E-Mail: admin@vbtmca.ac.in | Web : www.vbtmca.ac.in | Ph : 02622-224581 | Fax : 02622-227481,225458
Vidyabharti Campus, At & Po. Baben, Taluka : Bardoli, District : Surat, Pincode : 394601, Gujarat, India