Event Name	MOBILE APPLICATION DEVELOPMENT
Date	6th to 8th February 2023(3 Days)
Venue	6th Floor Seminar Hall, RVITM

Objective of the Program:

The workshop aims at app design for mobile platforms such as Android based on the latest versions and trends available. This workshop provides the participants with an opportunity to acquire knowledge about application development for Android systems using Java and XML, Android environment setup and architecture, Android User Interface (UI) layouts and control.

Topics Covered:

- Starting Development with Android Development Tools: Android Studio
- Exploring Basics of Android Application Components
- Exploring and Designing Android UI
- Using Views to Handle Images, List view and Menu

Day 1:06.02.2023   9.30am to 10.00am   Inaugural Function

The program was started with the Inauguration session. Dr. Latha C A, HoD, Department of ISE started the session with the Welcome address. It was then followed by invocation song by Lochan, 3rd Sem, Department of ISE, RVITM. Dr.Vinoth Kumar M, Associate Professor, Dept of ISE, RVITM gave details about the objectives and details about the workshop. Sarah, 3rd Sem, Department of ISE, RVITM has introduced the chief guest to session. The Chief guest of the session Mr. Chetan S.P. MD & CEO, Tackle-D Private Limited, India has set the right tone to the program by delivering Inaugural address to the participants and by outlining the importance of Research and the usage of tools in research. Principal Dr. Jayapal R. highlighted the importance of such workshops in honing the skills of the students and equipping them with the expertise to face competition, thereby enhancing their employability. Finally, Shreyas S, 5th Sem, Department of ISE, RVITM proposed vote of thanks to the august gathering and concluded the Inaugural function.

Day 1:06.02.2023   **10.00am to 5.00pm**

Topic:

Starting Development with Android Development Tools: Android Studio

Resource Person:
Mr. Chetan S.P.
MD & CEO, Tackle-D Private Limited,
Kushalnagara, India.

The following titles are covered in the session
- Introduction of Android and its fundamentals
- Android Architecture Versions
- Run android applications with android studio IDE
- Android Studio Menus and Gradle

Day 2: 07.02.2023   **10.00am to 05.00pm**
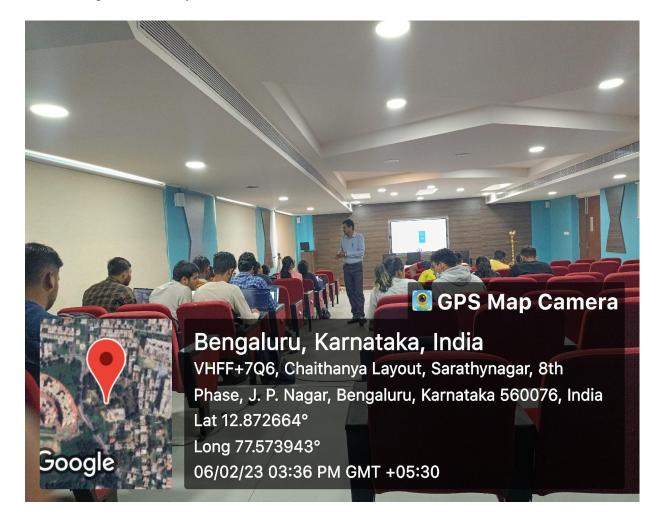
Topic:
Demo App Building

Resource Person:
Mr. Chetan S.P.
MD & CEO, Tackle-D Private Limited,
Kushalnagara, India.

The following titles are covered in the session
1. Services , a viewless activity
2. SQLite, connect to your device and database.
3. Media , play your media files

Demo App Building- Hands On Session:

● Working with Services
● Location Demo
● SQLite database example
● Google Map V2 Application
● Simple Media Player with SDCard

Day 3:08.02.2023   **10.00am to 5.00pm**

Topic:
Advance App Building

Resource Person:
Mr. Chetan S.P.
MD & CEO, Tackle-D Private Limited,
Kushalnagara, India.

The following titles are covered in the session
1. Google Map V2 , locate location in Map
2. Advanced UI

Coordinators Signature   **HOD's Signature**