COGNIZANCE 2K24

CSPIT EC

Title of Workshop: Enlarging Mobile Apps for IoT & Robotics Application

Date of Workshop: 18/01/2024

Days of Workshop: 1 Day

Expert Name: Mrs.Himandri Parikh

Content of Workshop:

Hands On 1: Introduction to Android

In this tutorial, you will come to know about the android features and applications. This session will have focused on the special feature of android which makes android most suitable for mobile app development.

Hands On 2: Getting started with android Studio

Android studio is one of the most used platform for mobile application development in android environment. This session includes each important step in android studio for the app development.

Hands On 3: Front end and back end design of Mobile Application

Front end and back end design is the most crucial part of app development. This session includes the point which is to be address during the application development with practical implementation.

Hands On 5: Controlling IoT Application using Mobile Apps

In this tutorial, you used your developed app to control one of the simple application develop on embedded platform. This session teaches you how to interface the mobile app with the your IoT module.

Hands On 6: Control Robot using Mobile Apps

In this session, a small robot will be developed on one of the embedded platform. This robot will be connected to mobile app. Different feature of the mobile app is developed is such way that it can control the robot.