Course Title: Android Apps Development   Course Code: IR 105

Course Background / Summary:

The course will expose the participants to hands-on experience in developing interesting Android applications. No previous experience in programming is needed, and the course is suitable for students with any level of computing experience. MIT App Inventor will be used in the course. It is a blocks-based programming tool that allows everyone, even novices, to start programming and build fully functional apps for Android devices. Students are encouraged to use their own Android devices for hands-on testing and exploitation.

Course Objectives:

- Build their apps using the MIT App Inventor
- Design the app's user interface
- Package the app and share it with colleagues or customers

Target Audience:

- Industrial workers from technicians to engineers
- Teaching staffs (vocational & technical teachers), lecturers
- Public

Course Duration: 3 Days

Course Contents

1.0 Introduction

2.0 MIT Apps Inventor

3.0 Android Application Components

4.0 Android Code Block

5.0 Sending Data to Google Spreadsheet

6.0 Running Apps on Android Phone

IR 4.0 / ICT