

Registration

Name of the Applicant (first, last):

.....

Gender:.....

Designation:

Highest Qualification:

Name and Address of the Organization/Institute:.....

Category : (GEN/OBC/SC/ST/Others).....

City/town:.....

Email:.....

Phone Number:.....

Mobile Number:.....

Do you need accommodation?

(Yes/No):.....

Transaction ID (Applicable for Online

Transaction):.....

Signature of the Applicant:.....

Signature and Seal of the Forwarding Authority

Name

Designation

Note: 1) The Faculty/Staff are requested to submit the NOC from respective department before attending the session.

2) The Faculty/Staff are requested to submit their Caste Certificate in case of OBC/SC/ST.

3) Limited Hostel facility is available. For details regarding the accommodation please contact +91 – 9678073826.

Affix passport
size
photograph

Registration Fee

Registration Fee (Including Course Material, Snacks and Lunch)

- **Rs. 2,500/-** for Faculty, Lab Technicians and Project Staff.
- **Rs. 1,250/-** for Faculty members belonging to ST/SC category.
- **Rs. 5,000/-** for Industry Personnel (Subjected to Availability of seats).
- **Rs. 1,500/-** for Students and Research Scholars (Subjected to Availability of seats).

**Contact Hours for the Course
48 Hrs (Theory, Hands-on & Tutorial)**

Course Coordinators from Academy

- **Prof. Ratnajit Bhattacharjee**
Principal Investigator, E&ICT Academy, IIT Guwahati.
- **Prof. Rohit Sinha**
Co-Principal Investigator, E&ICT Academy, IIT Guwahati.
- **Dr. Gaurav Trivedi**
Co-Principal Investigator, E&ICT Academy, IIT Guwahati.
- **Dr. Navanath Saharia**
Assistant Professor, CSE Department, Course Co-ordinator, IIIT Manipur.

Expert from Industry

- **Mr. Mohammed Ansari**
Consultant Trainer, Kovid Academy, Hyderabad.

How to Reach IIIT Manipur

Imphal, capital of Manipur is well connected by air from Guwahati, Kolkata and other places in India. There are also bus services from its neighbouring states through Nagaland. Rail route is yet to reach Imphal, but alternate road route through Jiribam is operational.

IIIT Manipur transit campus is within Imphal town on Imphal Kohima Road, NH 2 and approximately 10 Km from Tulihal Airport in Imphal. The campus is very secure, having New Secretariat coming up next to it and IT park opposite to the institute. Taxis and Auto rickshaws are readily available from the airport to the institute.

Please refer to the below link and QR Code for the exact route and navigation through google map from Imphal International Airport to IIIT Manipur:



<https://goo.gl/5RmUJG>

**Indian Institute of Information
Technology Manipur,
Mantripukhri,
Imphal – 795002.**



An Initiative of
**Ministry of Electronics & Information Technology
(MeitY), Government of India**

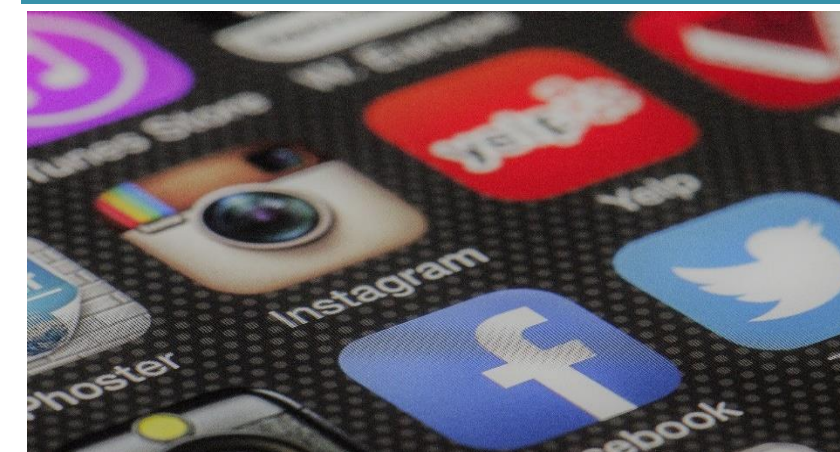


**Electronics & ICT Academy
IIT Guwahati, Assam**



A Faculty Development Programme on

Android Application Development



**Organized with support from
IIIT Manipur and
Kovid Academy.**



Applications are invited from Faculty Members/ Research Scholars/PG & UG Students/Lab Technicians/Project Staffs from Universities/Colleges/Schools & Industry Personnel working in the concerned discipline to attend the Faculty Development Programme on

“Android Application Development”

Course Date: 21 - 27 August, 2017

Last Date of Registration: 15.08.2017

(Online Registration Link will be open from 10.07.2017)

Venue: IIIT Manipur

Objective of the Course

Course Objective is to impart Android Application Development training to a level where students can build their own application.

The programme will also focus on practical aspects and include examples which are relevant to the current industry requirements.

Course Programme

Faculty Development Programme is split into three parts:

- Lectures.
- Labs/Hands-on sessions daily on various Android Development Tools.
- Assignments and Project.

Who Can Attend

Programme is open to Faculty Members, Research Scholars, PG & UG Students, Lab Technicians and Project Staffs from Universities, Colleges & Schools. Industry Personnel working in the concerned/allied discipline may also apply.

How to Apply

Online – The participants may log on to the E&ICT Academy, IIT Guwahati website: <http://eictacad@iitg.ernet.in> and fill up the google doc application form whose link is <https://goo.gl/gnQ8ut>.

Offline – Scanned copy of the filled in application form duly endorsed by the, forwarding authority is to be mailed at E&ICT Academy's email id (eictacad@gmail.com, eictacad@iitg.ernet.in). Application format given in this brochure may also be downloaded from the website.

**Mode of Payment: Online Only
(RTGS/NEFT)**

For Online Transfer

Bank Name: State Bank of India
Account Name: IIT Guwahati R and D E and ICT Academy
Account No.: 36071160089
IFSC Code: SBIN0014262
Bank Name: State Bank of India
Bank Address: IIT Guwahati, GHY- 39.

Course Outcome

The participants will be given a thorough understanding of the following topics:

- Using the basic Android Development tools for mobile apps, like:
 - 1) Android Studio
 - 2) DDMS
 - 3) Drawables
 - 4) Listeners etc.
- Utilising multiple Widgets and Layouts in Android applications.
- Creating interactive applications.
- Working with multimedia files (audio, video & notifications).
- Creating applications using the SQLite database.
- Fundamentals of event handling in Android.
- Publishing your app on Google Play Store.

Assignment and Project

1. Assignments will be of the following type:
 - MCQ based questionnaire.
 - Programming Assignments.
2. At the end of the course "Project" will be assigned to the participants which would be an application development along with demonstration of the tools usage. Following are the details of the Project modules based on Real World scenarios:
 - A) Ecommerce - modules**
 - Login
 - Display of Categories and Products
 - Add to cart and Checkout
 - B) Food Order System – modules**
 - Login
 - Display of different menus
 - Placing order using Google maps.

Preferred Pre- Requisites for the Course

The participants are expected to have Knowledge of Java, Xml or any OOPs language .

For details of the programme and course contents etc., please log on to Electronics and ICT Academy website: <http://eict.iitg.ernet.in/>

Theoretical and Practical Session

The Theoretical and Practical sessions will be conducted simultaneously which will include the following topics:

- Introduction to Android Development.
- Working with Activities, Intents, Notifications and Media.
- Android Layouts and Widgets.
- Customise Views and Implement Event Receivers.
- Working with Location and Sensors.
- Using Input Controls and Settings.
- Using SQLite Database.
- Animation and Services.
- Building and Testing Tools using Android.
- Publishing to Google Play Store.

The participants will be trained thoroughly to work on widgets, spinners, views, audios, videos, SQLite database and finally publish their own app on the Google Play store.

About E&ICT Academy

Electronics and ICT Academy is an initiative of Ministry of Electronics & Information Technology (MeitY) Ministry of Communications and IT, Govt. of India for Faculty/ Research Scholar Development Programme.

Academy has planned short term training programmes on fundamental and advanced topics in IT, Electronics & Communication, Product Design, Manufacturing with hands on training and project work using latest software tools and systems.

In addition, the Academy will conduct specialized/customized training programmes and research promotion workshops for corporate sector & educational institutions.

Contact Details

**For more details or any queries please contact
Project Manager,**

E&ICT Academy, IIT Guwahati

Email: eictacad@iitg.ernet.in, eictacad@gmail.com

Phone No: +91- 7086502139, +91-3612586442

(Working Hours 9:30 am to 5:30 pm)