

National Institute of Electronics and Information Technology Gorakhpur

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Name of Group: IT Division

Name of Course: Android Programming & Information Security

Objective:

This training facilitates classroom and laboratory learning, letting students develop competence and confidence in android programming and understand the entire Android Apps Development Cycle, as well as it would also enable the students to independently create new Android Applications

Duration: 4 Weeks

Eligibility: B.TECH. (CS/IT/EC) or MCA/M.Sc. (IT/CS/ Electronics), BCA/PGDCA, Diploma in Computer/Electronics Stream, B.Sc. etc.

Knowledge of JAVA programming is required.

Course Fees (Proposed): Rs. 1000/- per week (+GST)

Registration Process: Candidates have to apply in prescribed application form. The forms can be collected from NIELIT Gorakhpur centre or can be downloaded from the NIELIT Gorakhpur website. The duly filled form along with the course fees has to be submitted at NIELIT Gorakhpur centre. The Fees deposited is Non-Refundable.

Course Content:

| Modules: | Duration | Contents |
|----------|----------|---|
| Module 1 | 4 Weeks | Java Concepts, SQL ,Introduction to Android & application Structure , Emulator, UI Design, Intents, Menu, Preferences, Tabs & Tab activity ,Style & Themes ,Content Providers, Android Debug Bridge, linkify, Adapters & widgets, custom components, threads, Services, Multimedia in Android, Location Based Services ,Sensors, WIFI, Telephony services, Using Camera & Bluetooth, Application Deployment & Secure coding |

- * There will be 3 Hours Session per day.
- * These sessions will include Theory Classes, Demo and Practical.

Mode of Payment: Fees can be paid either by swiping debit/credit card or by challan.

For any queries and more details please contact Mr. Abhinav Mishra (8317093868)