



National Institute of Electronics and Information Technology Chandigarh

An Autonomous Scientific Society under the administrative control of
Ministry of Electronics & Information Technology (MoEIT), Government of India

**Permanent Campus at Birla Farms, Bada Phull, (adj. to IIT Ropar)
Rupnagar (Ropar)- 140001**



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CHD_NIELIT



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Course name	Mobile Application Development using Android
Duration	6 Weeks
Eligibility	Graduate/Undergraduate having knowledge of Java, Internet Concepts and Database
Timings	2 Hours daily

- Preamble:** Each handheld device has the capability to meet user requirement such as shopping, banking, browsing etc. This course will give adequate knowledge in developing a mobile application for use on mobile devices powered by Google's Android platform.
- Objective:** This course has been designed to impart practical knowledge on Android platform user-interaction design and mobile application development.
- Outcome:** This course will help in understanding basic Android programming concepts , user-interaction design and build a variety of apps, using the Java programming language.

4. Contents :

Introduction to Android, Development Environment, Emulator-Android virtual device, UI Design- Activities, Layouts, Menus, Styles and Themes, intents and Notification services, Files, saving state, and preferences, Content Providers-SQLite, Adapters and Widgets, Packaging and deployment.

5. For further details, Contact:

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