

# NATIONAL INSTITUTE OF ELECTRONICS AND INFORMATION TECHNOLOGY HARIDWAR

(Ministry of Electronics and Information Technology, Government of India)

## Advanced Diploma in Android Application Development (NSQF Level-6)

**Course Introduction:** The course is aligned to the Level-6 of NSQF (National Skill Qualification Framework) of Ministry of Skill Development & Entrepreneurship, Government of India. This is hands-on course which provides participants with the information and lab experience necessary to develop and deploy Android application. This course starts with core Java covers SQL programming then proceeds to the Android Application Development, which includes introduction to Android, Development Environment, Emulator-Android virtual device, UI Design Activities, Layouts, Menus, Styles and Themes, Debugging Android applications, intents and Notification services, Content Providers-SQLite, Adapters and Widgets, Location based services, Packaging and Deployment.

**Eligibility:** Diploma in Engineering, Bachelor's Degree in science/Technology/Computers or any graduate course equivalent to these.

**Duration:** 6 Months( 420 Hours)

### Fees:

Course Fee	GST	Assessment Fees(Including GST)	Total Fee
15000	2700	1200	18900

**Job Prospects:** After successful completion of the course Candidate may get job opportunities as Android app developer trainee, Software Engineer, System Analysts or as IT faculty in Schools/Colleges/Institutes.

**Admission Process:** Admission will be taken on First-Come-First-Serve basis. **There is no fee for SC/ST Candidates** (Seats are limited). Reservation for SC/ST as per Govt. of India norms.

**Library Facility:** Library facility can be availed by the students by paying caution money (refundable).

**Examination & Certification:** After completion of the course student will have to appear for the examination and after successfully passing in the examination student will be awarded with the certificate.

### Course Outline:

S.No	Topic Name
1.	Core Java
2.	GUI Development
3.	Database Concept and JDBC
4.	Android Application Development
5.	Project

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