

MAKE YOUR

ANDROID DREAMS

COME TRUE WITH

ANDROID DEVELOPERS



**Roxent Technologies Presents A Two days workshop on
Android Application Development**



Roxent Training Programme:

At Roxent we have developed and nourished a whole new market for Android App Development, Cloud Computing, Robotics, Information Security & Ethical Hacking, AutoCAD, Android Hacking, Digital Marketing, PHP & MySQL, Python and many more technologies. A big new market is developed that will cater to professional degree courses required by the growing student fraternity of the country in the field of Information security.

To cater to this growing market, we are looking for worthy partners who can substantiate this growth story and help us become the leaders of this emerging market.

Event Details

NAADC-2016 is India's Biggest Android App Development Championship and a workshop series jointly being organized by Roxent. All the preliminary rounds will be held at various esteemed Engineering institutes across India in present academic year and the grand finale will be organized under the banner of **NAADC-2016** (National Android App Development Championship) in April 2017.

Stage 1 (Workshop Round to be held at Zonal Centers)

- A two days hands-on Android App Development workshop will be held at only 100 selected Zonal Centres all across India. The details of the Zonal centers and Workshop contents will be available on website for a great promotion of the Institute as a Zonal Center.
- All the participants who want to participate in **NAADC-2016** are required to attend the workshops at any zonal centre and participate in the competition after the workshop.
- The Duration of the Android App Development workshop will be of 2 Days (7-8 hr each day).
- The workshop will be delivered by Certified Professionals.

Stage 2 (Zonal Round to be held at zonal Centers)

- Just after the workshop a competition of **NAADC-2016** on the basis of two day workshop will be held.
- Winners will be awarded Certificate of Merit, and will be eligible to participate in the final Round which will be held in the month of April 2017.

Event Guidelines

- Date of zonal round can be finalized by Telephonic/E-Mail conversation with Coordinators of **NAADC-2016**.
- Each student participating in the workshop will get a participation certificate which would have Roxent Logo.

Eligibility Criteria:

All engineering, BCA, MCA, PhD students who have zeal to work in Recession Free Field like Android Applications Development.

Publicity:

1. Specially designed workshop posters (will be provided by us) to be dispatched to engineering colleges across the state along with the festival posters and to be put up in the campus.
2. Four specially appointed coordinators (Student and Faculty) having the knowledge of the subject, to promote, publicize, handle local student queries etc. for our workshop to be conducted at the college.
3. Support to our team to interact with college students to provide them proper awareness regarding the workshop subject and to increase the participation.

Workshop Requirements:

Technical Infrastructure Facilities

1. A Seminar hall/ Auditorium having an enough capacity to accommodate 200 participants comfortably.
2. A Projector setup with stereo jack cord and audio public address system with sufficient number of screens in order to maintain good visibility in seminar hall.
3. An internet connectivity(WiFi Router) for the resource person (Without proxy if possible)
4. Two Wireless Microphones (Collar Mic. Preferred for speaker)
5. One laptop will be required per team from participants with little knowledge on programming languages.

Workshop Modules

Module 01: Introduction to Android App Development

- What is android?
- Why Android is Important for You?
- Android Architecture
- Difference between open source and free software

Module 02: Introduction to Java

- Why Java?
- Variables and Constants
- Overriding and hiding methods
- Super Java Keyboard
- Closer look at Hello world application in Android

Module 03: Activities

- What is an Activity?
- Process of Creating an Activity
- Activity Life Cycle

Module 04: Introduction to XML

- What is XML?
- Basics of XML
- Declare an Attribute in XML
- UI creation using XML
- Android Manifest file

Module 05: Intents

- What is Intent?
- Type of Intents?

Module 06: Set Up of Android App Development

- System Requirements
- Eclipse and SDK requirements, AVD creation
- Creating first Android Application
- Project Structure

Module 07: Main Building Blocks

- Activity
- Intents
- Broadcast receivers
- Services

Module 08: Data Storage

- Shared Preferences
- Sqlite Databases
- Querying Database: Create ,Update, Delete, Insert
- Using Cursors, Sqlite Open Helper

Module 09: Widgets

Textview
Button
Radio Button
Checkbox
Radio group
Spinner

Module 10: Layouts

Different types of Layouts

Linear Layout

Relative Layout

Table Layout

Frame Layout

Module 11: Composite

Listview

Webview

ScrollView

Module 12: Projects to be Described

Benefits of Associating with us:

- Name and Logo of college including website link will be published on our official website.
- Mentioning associated college as “Official Zonal Partner” for India’s Biggest Android App Development Championship.
- Authorized Team will visit your College to organize the entire event.

Key Benefits:

1. For your easy understanding we have included intense LIVE DEMOS for necessary topics like never before.
2. Learn & Interact with renowned Experts.
3. Receive an unparalleled education on the art of App development with personal one-on-one attention.
4. Hands-on demonstrations of latest Techniques & Tools.
5. Discussion on various cases.

Role of Organizers Include:

1. Hospitality (2 days) for the technical trainers.
2. Pick and Drop facility from the nearest railway station/bus stop/ airport.

Workshop Highlights (Stage 1 of NAADC-2016):

1. Receive an unparalleled education from experts from Industry.
2. Interactive Technical session, Query session, Live demos on Android App Development and PowerPoint presentations.
3. Learn and interact with Certified Professionals.
4. Improve student’s job prospects and get an edge over their counterparts in IT Field is the backbone of any other industry.

Certification Policy:

1. Certificate of Participation from NAADC-2016, Roxent will be given to each participant.
2. Certificate of Coordination from NAADC-2016, Roxent to all of the Coordinators.

Registration charges:

1. Registration Charges Rs.1290/- per participant inclusive of all taxes.
2. The fee includes workshop training, certification, and Event registration and Software kit for the participants.

Workshop Payment:

The amount shall be paid as under :-

Agreed Amount to be handed over to Roxent team on the first day of the workshop.

Mode of Payment can be Cheque/ Demand Draft/Cash.

Proper Invoice will be provided by Roxent.

Agreed Sponsorship Amount to be handed over to the College on the first day of the workshop.

Thanking You