

## PROGRAM OBJECTIVE

The main objective of this workshop is to provide practical knowledge in Android development. This Program covers Android Architecture, Components and its Applications.

## TOPICS COVERED

- Android Introduction
  - ❖ What is Android
  - ❖ Why Android
- Android Architecture
  - ❖ Building blocks of Android platform
  - ❖ Kernel layer
  - ❖ Middleware
  - ❖ Application framework
- First Android Application
  - ❖ Structure of the Android Application
  - ❖ Layouts
    - Linear
    - Relative
    - Table
- User Interface : Programming UI Controls
  - ❖ Button, CheckBox, RadioButton, Spinner, ListView, AutoComplete Textview
  - ❖ EditText, TextView, SeekBar
- Intents
  - ❖ Explicit
  - ❖ Implicit
- Android Application components
  - ❖ Activities
  - ❖ Services
  - ❖ Broadcast Receiver
  - ❖ Life cycles

## ELIGIBILITY

- Faculty & (Educational Institutions)
- Student & Research Scholars
- Industry Persons

## REGISTRATION FEES

Faculties: INR 1000/-  
Research Scholars: INR 500/-  
(No Registration Fee for Internal Participants)

## THE DD SHOULD BE SENT TO (ONLY BY SPEED POST)

Dr. Shouvik Dey  
Assistant Prof, Department of Computer Science and Engineering, NIT Nagaland, Chumukedima - 797103, Nagaland

## IMPORTANT DATES

Registration Deadline: **5<sup>th</sup> February, 2018**  
(DD in original should reach by **6<sup>th</sup> February 2018**)

## HOW TO REACH

The campus is well-connected with all means of transportation. Dimapur Airport is 12.6 kms from the Institute and the distance of Dimapur railway Station is about 17.6 kms.



## PATRON

Dr. S. Venugopal,  
Director, NIT Nagaland

## CONVENER

Dr. Themrichon Tuithung  
**Professor and Head**  
Department of Computer Science and Engineering

## CO-ORDINATORS

Dr. R. Kumar  
Dr. R. Dhanalakshmi  
Dr. Dushmanta Kumar Das  
Dr. Shouvik Dey  
Dr. A. Neelima

## RESOURCE PERSON

**Mr. K N Anantha**  
Wipro Technologies



## REGISTRATION FORM

Name: .....  
Designation: .....  
Qualification: .....  
Organization: .....  
Address for Correspondence  
.....  
.....  
Tel. (O).....  
(M).....  
E-mail: .....  
DD Particulars:  
Amount: .....  
No.....  
Date.....  
Bank.....

[Demand Draft (DD) should be in favour of “**Director, NIT Nagaland**”, payable at SBI Chumukedima, Nagaland]

The filled registration form with scanned DD should be sent to mail id: [shouvik.dey@nitnagaland.ac.in](mailto:shouvik.dey@nitnagaland.ac.in) on or before registration deadline.

Date: \_\_\_\_\_  
Place: \_\_\_\_\_

Signature of the  
Applicant

The Department of Computer Science and Engineering is Research-oriented but at the same time Student-centered Department. The primary motto of the department is to provide high quality education. Computer Science and Engineering graduates are the pillars in the current and emerging information era.

The Department of Electrical and Electronics Engineering is one of the major departments of NIT Nagaland. This department is offering four years B. Tech. and two years M. Tech (Power systems engineering) programmes. The department is facilitated with many highly sophisticated laboratories

### ABOUT THE INSTITUTE

National Institute of Technology Nagaland is a higher education technical institute located at Dimapur, Nagaland and was set up by the Government of India in 2010, as part of the Eleventh Five-Year Plan (2007–2012) for imparting technical education in the state of Nagaland. NIT Nagaland is located at Chumukedima, about 14 kilometers from Dimapur, Nagaland. The campus is well connected through proper means of transport and communication. At present there are six undergraduate courses namely Electrical and Electronics Engineering, Electronics and Communication Engineering, Computer Science and Engineering, Civil Engineering, Mechanical Engineering & Electronics and Instrumentation Engineering & four postgraduate courses namely Power System Engineering, VLSI Systems, Computer Science & Engineering & Electronics and Communication Engineering, inclusive of PhD studies.

# NATIONAL WORKSHOP

On  
“**ANDROID APPLICATION  
DEVELOPMENT**”

*Sponsored by*

**TEQIP-III**

**FEBRUARY 06-10, 2018**

*Organized by*



**DEPARTMENT OF  
COMPUTER SCIENCE AND ENGINEERING,  
DEPARTMENT OF  
ELECTRICAL AND ELECTRONICS  
ENGINEERING  
&  
DEPARTMENT OF  
ELECTRONICS AND INSTRUMENTATION  
ENGINEERING  
NATIONAL INSTITUTE OF TECHNOLOGY  
NAGALAND  
CHUMUKEDIMA – 797103**