REGISTRATION FEE AND IMPORTANT DATES

Last date for receipt of application with Draft:

Date	Category	Fee
Before 27th May 2018	**B.Tech/M.Tech/PhD students**	**Rs. 4000**
After 27h May 2018	**B.Tech/M.Tech/PhD students**	**Rs. 4500**
Before 27th May 2018	**Faculty/Industry personnel**	**Rs. 6000**
After 27th May 2018	**Faculty/Industry personnel**	**Rs. 6500**

Course Commences on: **01/06/2018**

CONTACT DETAILS

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MAILING ADDRESS

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NOTE : Envelope must be superscribed as **"Workshop on Development of Android Application"**

Short Term Course on Development of Android Application

(1st – 10th June, 2018)

Registration Form

1. Name: _____
2. Sex (M/F):_____
3. Category: Student / Faculty / Industry
4. College/ Organization name:_____

   _____
5. Highest Academic Qualification:_____
6. Address for Correspondence:

   Phone/Mobile:

   Email:
7. Accommodation Required: Yes/No

   (Hostel/Visitor Hostel)
8. Bank Draft Details:

   Amount_____ Draft No: _____

   Drawn on _____

   Date:

   Place: Signature of Participant

Forwarded by Head of the Department / Institute

Signature (with seal)

Short Term Course on Development of Android Application

Broad Area of Interest: Android Application Development

(1st to 10th June, 2018)

Coordinator

Prof. S. K. Das

Co-coordinator

Prof. Poonam Singh

Dept. of Electronics & Comm. Engg.

National Institute of Technology

Rourkela-769008, Odisha, India

COURSE OBJECTIVE

Android Application Development is a hands-on course which is designed for providing essential skills and experiences to the students in developing applications on mobile platform. The hands-on training is effective for beginners and experienced developers for practical Android Code Application. Android can bring you games, apps, books, movies, music and similar digital content. Few important objectives are:

- Introduction to Components of Android and functionality.
- Design and develop useful Android applications with creative user interfaces by using, extending, and designing your own layouts and Views.
- Design a location-based services, geocoder, compass sensors, and create rich map-based applications using GPS and Google Map Integration.
- To design the Android's APIs for data storage, retrieval, user preferences, files, databases with SQ-Lite Database and Operations of DB

ABOUT DEPARTMENT OF ECE

The main objective of the Department is to impart high quality education and research. The major research areas of the department include Communication Networking, Signal Processing, Image & video Processing, VLSI and Embedded Systems, Microwave and Antenna Engineering. The EC department is handling several research projects sponsored by external funding agencies. Department is equipped with various types of state of art licensed software.

COURSE HIGHLIGHTS

- Introduction to Components of Android and functionality.
- Build Android App.
- Introduction to SQ-Lite Database and Operations of DB.
- Introduction to HTTP URL Request (API call to Server / Cloud Server).
- Introduction List View and Recycler View.
- Design Material Navigation Drawer Design like Gmail Navigation Drawer.
- GPS and Google Map Integration.
- Introduction to Fire Base.
- Social Media Sign-In and Login (Facebook/ Google Integration and Development).
- Payment Getaway Integration (Example of PayPal and Other Payment Gateway).
- Android Web view and Web Page Display.
- Real-time Smartcity Application Development
- Introduction to Play Store and App Publishing.

INTENDED ATTENDEES

The course is designed primarily to train students, professionals, scholars, faculties to take up communication networking as a career option in academic and industry. Students and faculties of Electronics, Electrical, Computer Science and M.Sc (Electronics), M.Sc (Computers) and MCA would find this course extremely useful.

ABOUT NIT ROURKELA

National Institute of Technology (NIT), Rourkela was founded as Regional Engineering College, Rourkela in 1961. It is a prestigious Institute with a reputation for excellence at both undergraduate and postgraduate levels, fostering the spirit of national integration among the students, a close interaction with industry and a strong emphasis on research, both basic and applied.

The city of Rourkela is a bustling industrial city, cosmopolitan by nature and is well connected to all parts of the country by road and rail. It is en-route Howrah-Mumbai main line of South-Eastern Railway. Nesting amidst greenery on all sides, NIT campus is approximately 7 km from Rourkela railway station. The nearest airports are Ranchi, Kolkata and Bhubaneswar, which are well connected by trains.

WEBSITE

http://www.nitrkl.ac.in/docs/CEP/EC/18052018121309875F.pdf

MODE OF PAYMENT

Payment should be done in DD/ Multicity Cheque in favour of "**CONFERENCE NIT ROURKELA**" payable at **SBI, NIT Campus Branch**. (Code: 2109) or Online transfer/deposit the amount through our SBI account No. 36734418111, Account type: S.B A/C, IFSC Code: SBIN0002109.

ACCOMMODATION

Accommodation will be provided in Hall of residences or Guest Houses of NIT, Rourkela as per availability. *Room rent for Hall of residences/Guest house will be paid by the participants.