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**Prof. (Dr.) Bhavesh Kr. Chauhan**  
Director, ABESIT

## Convener

**Prof. Bipin Kumar Rai**  
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bipin.raii@abesit.in

## Co-Convener

**Ms. Shivani Sharma**  
Assistant Professor

**Mr. Kaushal Kishor**  
Associate Professor

## Organizing Committee

Mr. Sumit Kumar Ms. Richa Mehra Ms. Priyanka Gupta Ms. Vishwachi Ms. Faraj Chishtii



# Technical Education Quality Improvement Programme-Phase III (TEQIP-III)

## Faculty Development Program

on

## “Android App Development”

15<sup>th</sup> - 19<sup>th</sup> March, 2018



Supported & Sponsored by

**Dr. APJ Abdul Kalam Technical University**  
Lucknow, Uttar Pradesh



and



Organized by

**Department of Information Technology**

# ABESIT

## Our Centers of Excellence in the Campus

Automation Technologies  
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**ABES Institute of Technology** College Code 290

Approved by AICTE, Ministry of HRD, New Delhi & Affiliated to Dr. APJ Abdul Kalam Technical University (formerly Uttar Pradesh Technical University), Lucknow  
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website: www.abesit.in, email: info@abesit.in



## About the Institute

The ABES Institute of Technology is a reputed Engineering Institute in NCR which embarked on its mission in the field of Technical education from the Academic Session 2007-08. The Institute has lushgreen and sprawling campus situated next to Crossing Republik, NH-24, Ghaziabad. Our philosophy has been to invest all the resources towards student's cause and development. Our teaching staff is qualified, painstaking and competently meeting out students curriculum requirements which is reflected in the Institute result. We also have people with corporate background as a part of faculty which ensure the right blend of theory and practical applicability of the course concept. 'ABESIT-Bureau of Training and Development' has been enhancing the capabilities and competencies of the students so that they become employable and professionally strong. 'ABESIT- Centers for Excellence & Innovations (CEI)' has been setup to take the curriculum few steps ahead through mechanism that introduces a "hands on practice and innovation for development of products amongst students. 'ABESIT- Corporate Resource Center (CRC)/ Placement Cell is playing a vital role in placement activities. Various co-curricular and extra-curricular activities are regularly conducted which ensures the overall development of the students. ABESIT team 'w brick' secured All India 3<sup>rd</sup> Rank in Swachhathon 1.0 organized by Ministry of Drinking Water and Sanitation, Govt. of India and supported by A.I.C.T.E. ABESIT ranked 1<sup>st</sup> in North India "SWACHHTA" Rankings 2017 organized by Govt. of India and supported by A.I.C.T.E.

## About IT Department

The IT Department offers Bachelor of Technology Program in Information Technology. The faculty and staff members of department are well qualified and efficient in guiding the students in every field of the Information technology aims at design, implementation and management of computer-based information systems. These automated information system are capable of storing, transmitting and retrieving of all types of complex data. IT professional should have good problem-solving capabilities, communication skills and habit to learn new technologies. Apart from providing classroom learning, the Department of Information Technology focuses on practical and skill-based training to ensure that students grow according to current market requirements. The department organizes BigDataThon every year to bring out the excellence in the students in the area of BIG DATA. Students of IT department have set another benchmark at the National level by getting Inspiration Award in SMART INDIA HACKATHON 2017, organized by AICTE.

## Objectives of FDP

In recent years, We have witnessed a rapid development in IT industry. This FDP is aimed at learning Android OS based application development which is an open source software stack for mobile devices that includes an operating system, middleware and key applications.

Android has a large community of developers writing application programs ("apps") that extend the functionality of the devices. Android Market is the online app store run by Google, though apps can also be downloaded from third party sites.

The FDP will assist the faculty members, professionals, and researchers to get good exposure to develop your own Apps, implement an application, connecting to database etc

## Topics to be deliberated

Through this FDP the participants will get good knowledge on Android App Development.

Day 1: Introduction to Android, Java, XML

Day 2: Working with user Interface & Event Listener

Day 3: Adapter and Adapter View, RecyclerView and RecyclerView Adapter

Day 4: Create Web Services, Android Database, UI Fragment, Web Service & Parsing

Day 5: Firebase Integration, Voice Automation System, Google API Console Integration

## Who can participate

The program is open to faculty members, M.Tech students, Research Scholars and Professionals working in Industries

## Welfares to Participants

- No Registration fee.
- Breakfast, lunch & evening tea will be provided.
- FDP Kit will be provided.

**NOTE:** Traveling and other expenditures of participant should be borne by the participants themselves.

Registration form in the prescribed format should reach via e-mail on [it.fdp@abesit.in](mailto:it.fdp@abesit.in) before **14<sup>th</sup> March, 2018**

## Certificate

Participation Certificates shall be awarded to all the participants on the concluding day.

## Resource Persons

- |   |   |
|---|---|
| 1. Mr. Vijay Rastogi<br>Director<br>SISOFT Technologies Pvt. Ltd. | 2. Mr. Shwetank Sharma<br>Mobile App Developer<br>SISOFT Technologies Pvt. Ltd. |
| 3. Mr. Pawan Sharma<br>Android Expert, CETPA Infotech Pvt. Ltd.   | 4. Mr. Anirudh Kumar<br>Android Expert, CETPA Infotech Pvt. Ltd.                |
| 5. Mr. Rahul Pathak<br>Android Expert, CETPA Infotech Pvt. Ltd.   | 6. Mr. Mohit Sharma<br>Technical Lead, TO THE NEW                               |

## For more Information please contact

**Ms. Shivani Sharma**  
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**Mr. Kaushal Kishor**  
Mob : 9999792688



## Technical Education Quality Improvement Programme-Phase III



### Registration Form Faculty Development Program ON "Android App Development" 15<sup>th</sup> - 19<sup>th</sup> March, 2018 Organized by Department of Information Technology **ABESIT**

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Department: \_\_\_\_\_

Qualification: \_\_\_\_\_

Institution/ Organization: \_\_\_\_\_

Mobile No.: \_\_\_\_\_ E-mail \_\_\_\_\_

Signature: \_\_\_\_\_

#### No Registration Fee

**Eligibility Criteria:-** Participants shall be only from Engineering Institutions/Colleges affiliated or associated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow U.P.

Participants are required to send the scanned copy of their registration form at [it.fdp@abesit.in](mailto:it.fdp@abesit.in) before 14<sup>th</sup> March, 2018.

*For Information/Enquiry contact*

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