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Patron
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Director
AKGEC, Ghaziabad

Convenor
Dr. Sunita Yadav
Head of Department
Computer Science & Engineering

FDP Coordinator
Dr. Arun Kumar Yadav
Associate Professor
Computer Science & Engineering

FDP Co-Coordinates
Dr. Sonam Gupta
Ms. Lipika Goel
Dr. Charu Agarwal
Mr. Jay Kant Singh Yadav

Technical Education Quality Improvement Program-Phase III
(TEQIP-III)
Faculty Development Program on
“Android Application Development”
4 - 8 February, 2019

Supported & Sponsored By:
Dr. APJ Abdul Kalam Technical University, Lucknow

Department of Computer Science & Engineering
Ajay Kumar Garg Engineering College
Ghaziabad
**About AKGEC, Ghaziabad**

Ajay Kumar Garg Engineering College (AKGEC), Ghaziabad is affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow, and is approved by the All India Council for Technical Education. The college was established in 1998 and offers B.Tech courses in seven disciplines of Engineering namely Computer Science and Engineering, Information Technology, Electronics and Communication Engineering, Electronics and Instrumentation Engineering, Electrical and Electronics Engineering, Mechanical Engineering and Civil Engineering. The college also offers M.Tech in Automation and Robotics, Electronics & Communication Engineering, Computer Science, Electrical and Electronics Engineering and Mechanical Engineering. The college is accredited by NAAC. The college has set up India’s first Robotic Training Centre in collaboration with KUKA Robotics of Germany. In addition to this, AKGEC is the only institute having the following state of arts Centre of Excellence in collaboration with eminent multinational companies to provide industry relevant training and project exposure which offers Global employability of students.

- AKGEC-NI LabView Academy
- AKGEC-BOSCH Research Center of competence in Automation Technology
- AKGEC-JANATICS Industrial Pneumatics Knowledge Centre
- AKGEC-SIEMENS Product Lifestyle Management Centre of Excellence
- AKGEC-AIA Competence Development Centre in Integrated Automation

**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 that extend the functionality of the device. Android Market is the online app store run by Google, though apps can also be downloaded from third party websites. The FDP will assist the faculty members, professionals and researchers to get good exposure to develop their own Apps, implement an application, connecting to database etc.

**Major Topics of FDP**

Through this FDP the participants will get good knowledge on Android Application Development.
1. Introduction to Android, Java, XML
2. Working with user interface & Event Listener
3. Adapter and Adapter View, Recycler View and Recycler Adapter
4. Create Web Services, Android Database, UI Fragment, Web Service & Parsing
5. Firebase Integration, Voice Automation System, Google API Console Integration.

**Who Can apply?**

Only for Faculty members / Research Scholars of AKTU, Lucknow affiliated colleges.

**Welfare to Participants**

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

NOTE: Travelling and other expenditures of participant should be borne by the participants themselves.
Registration form in the prescribed format should reach via e-mail on yadavsuman@akgtec.ac.in before 1 Feb 2019.

**Certificates**

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

**Resource Persons**

Resource persons to conduct the program are experts from industry and academia with excellent track record of accomplishment in technical education, research, and outreach.

**Android Application Development**

**Faculty Development Program**

4 - 8 February 2019

TEQIP-III, Dr. APJ Abdul Kalam Technical University
Uttar Pradesh, Lucknow

**Registration Form**

Name: ____________________________
Designation: _______________________
Department: _______________________
Organisation: _____________________
Address for Communication: _________

Phone No.: _________________________
Email Id: __________________________

Accommodation Required: Yes _______ No _______

Approval of the Director ____________ Signature of Applicant ____________

**No Registration Fee**

Note: Travelling and other expenditure of participant should be borne by the participant themselves.