



FACULTY DEVELOPMENT PROGRAMME
ON

ANDROID FOR UBIQUITOUS COMPUTING

**10th DECEMBER 2018 TO
14th DECEMBER 2018**

ORGANIZED BY

Department of Information Technology,
MKSSS's Cummins College Of
Engineering for Women, Karvenagar, Pune

In Association with BOS IT, Savitribai
Phule Pune University

Under
Electronics & ICT Academy,
PDPM IIITDM Jabalpur

An initiative of Ministry of Electronics and
Information Technology
Government of India

-:Venue:-

Department of IT,
MKSSS's Cummins
College Of Engineering for
Women



-:PATRONS:-

Dr. Madhuri Khambete

Principal,

Cummins College Of

Engineering for Women, Pune

Prof. S. G. Deshmukh

Officiating Director, PDPM IIITDM Jabalpur

Director, ABV IITM Gwalior

-:CO-ORDINATORS:-

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Cummins College of

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**MKSSS's Cummins College of
Engineering for Women
Karvenagar, Pune**

REGISTRATION FORM:-

(Submit scanned copy of DD/ Bank transaction
receipt along with
this filled-up form to ensure your participation)

Name :- _____

Designation:- _____

Category:(SC/ST/General) _____

Qualification:- _____

Department:- _____

Organization:- _____

Mobile:- _____

Email-id:- _____

Amount:- _____ (online/DD) Date:- _____

DD/Transaction No:- _____

Senders Account No:- _____

Bank Name and Branch:- _____

Signature Of Candidate

SPONSORSHIP CERTIFICATE

Ms/Mr:- _____

has been authorized to attend all sessions of the FDP
during the period from 10th December 2018 to 14th
December 2018 at MKSSS's Cummins College of
Engineering

OFFICE SEAL

Signature

About Savitribai Phule Pune University

Savitribai Phule Pune University, formerly University of Pune and University of Poona, is a university in Pune in western India, founded in 1949. Spread over a 411 acres campus, the university is home to 43 academic departments. More than 307 research institutions have been recognised by the Savitribai Phule Pune University for research. These include institutions of national importance like the Centre of Development of Advanced Computing(C-DAC), Inter-University Centre for Astronomy and Astrophysics (IUCAA), National Chemical Laboratory (NCL), National Centre For Cell Science (NCCS), National Institute of Virology (NIV), Gokhale Institute of Politics and Economics (GIPE), Documentation Research and Training Centre (DRTC) of the Indian Statistical Institute (ISI) among others.

About MKSSS's Cummins College of Engineering for Women ,Pune

Maharshi Karve Stree Shikshan Samstha was established in 1896. The samstha has a vision of "Empowered women playing equal role in society and nation building". The MKSSS's Cummins College of Engineering for Women was established in 1991. This is the first privately managed engineering college exclusively for girls. It is approved by AICTE. It offers five undergraduate degree programs and three post graduate programs in engineering. It is an autonomous institute and all programs are affiliated to Savitribai Phule Pune University. It is accredited by NAAC with "A" grade in 2012 and 2017.

About Electronics & ICT Academy,IIITDMJ

Ministry of Electronics and Information Technology, Government of India has instituted seven Electronics and ICT Academies with one academy at PDPM IIITDM Jabalpur with the primary objective preparing manpower for two important missions - 'Digital India' and 'Make in India'. The Academy aims at the design and implementation of scalable training programmes in niche areas of electronics and ICT for the development of required knowledge base, skills and tools to unleash the talent of Indian population. The Academy at PDPM IIITDMJ runs high quality specialized courses for faculty, students and unemployed graduates. In addition, the Academy conducts customized training programs and research promotion workshops for corporate sector and educational institutions. The Academy is envisioned to become a central hub of activities on training, consultancy work and entrepreneurship programs.

Objectives

Ubiquitous Computing (UbiComp) which is also known as pervasive computing is a new era of computing anytime and anywhere. This course aims to explore the new revolving technology of Ubiquitous computing with the blend of Android mobile application programming to the faculty. The objective of this course is to make faculty learn the design paradigms and technical essentials of bringing your app to your user wherever and whenever they want or need it.

Expected Outcome

- Enhancement in knowledge of design of UbiComp and its applications
- Demonstrate smart devices and services used in UbiComp,
- Use of Android in designing UbiComp applications so as to improve teaching learning process and research

Important Dates

- Last Date of Online Registration: 4th December, 2018
- Spot Registration also available, if seats are available.
- Course Dates: December 10th -14th, 2018

Course Content

1. Ubiquitous Computing (UbiComp) - Concepts and Applications
2. Smart devices and services in UbiComp
3. Protocols and challenges
4. Privacy and Security in UbiComp
5. Android Basics and evolution of Cellular networks
6. User interface design with Android
7. Database connectivity with Android
8. Integration of wearable devices with android
9. Android with machine learning
10. Android API
11. Android for wireless communications

Boarding And Lodging

Facilities will be made available upon prior request with minimal charges. Participant must inform for the same before 4th December, 2018

Contact person: makarand.velankar@cumminscollege.in
(09422500180)

Resource Persons

Experts from well known premier institutes:

1. Mr. Chintan Oza
(DGM, Tata telecommunications, Mumbai)
2. Dr. Parikshit Mahalle
(Professor, SKNCOE, Pune)
3. Mr. Gokhale Jayanthi
(Technical Director, Intellys Pvt. Ltd.)
4. Prof. Aparajita Ojha
(Professor,CSE, PDPM IIITDM Jabalpur)
- 5.Mr. Rajendra Khope
(CEO, ioCare, Pune)
6. Mr. Basavraj Hooli
(Director, Graceful Growth Consulting (India) Pvt. Ltd.)

Who Should Attend?

This program is open to faculty and research scholars from all the colleges and universities. Industry personnel working in the concerned/allied discipline may also attend.

How to Apply?

Interested candidates can fill the registration form available online at www.cumminscollege.org or ict.iiitdmj.ac.in. Download and send the completed application form along with the scanned copy of the DD/ transaction receipt as registration fee through mail on or before 4th December 2018 on AUCIT2018@cumminscollege.in with a copy to academyjbp@gmail.com. The DD should be in favour of "Cummins College of Engineering for Women " payable at Pune.

Registration Fees

Faculty and Research Scholars:

GEN/OBC- Rs.2000/-, SC/ST- Rs 1500/-

Industry Persons:

Rs.3000/-

You can also make online payment as per the following Information:

- 1 Account Name: Cummins College of Engineering for Women
- 2 Bank Name: Syndicate Bank
- 3 Account No:53392010015892
- 4 Branch: Karvenagar, Pune-411052
- 5 IFSC:SYNB0005339