

**A State Level Two Days
Faculty Development Programme**

**on
Internet of Things (IoT)**

3rd and 4th December 2018.

Registration form

Name: _____

Designation: _____

Qualification: _____

Institute/College _____

Address : _____

Pin : _____

Mobile No : _____

E- mail : _____

Registration Fee of _____

Rs. (online/Cash) : _____

Online Transaction Ref No : _____

Bank : _____

Dated : _____

Online Payment Details:

Name : Principal College of Engineering

Bank Name : Bank Of Maharashtra

Account No : 20139713710

IFSC Code : MAHB0000009

Accommodation Required : Yes / No

Place : _____

Date : / / 2018

Signature & Seal of
Sponsoring Authority

Signature of
Applicant

OR Link For Online Registration :

<https://goo.gl/forms/uEa91kVaJTQcxX8u2>

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Chairman, Sanjivani Rural Education Society, Kopergaon.

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Programme Co-ordinator

Prof. A. A. Barbind (9422875058)

Department of Information Technology

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Contact address

HEAD OF DEPARTMENT

Department of Information Technology

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Sanjivani Rural Education Society's

**SANJIVANI COLLEGE OF ENGINEERING
KOPARGAON**



An ISO 9001:2015 certified
Best Engineering College Awarded by
Savitribai Phule Pune University, Pune



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Sponsored by



Savitribai Phule Pune University, Pune,
Maharashtra, India

Organized by

Department of Information Technology



About College

Sanjivani College of Engineering, Kopergaon is one among the premier technical institutes in Maharashtra state in the un-aided sector. Established in 1983 by the Sanjivani Rural Education Society under the charismatic leadership of Shri. Shankarrao G. Kolhe Saheb, Former Minister, Govt. of Maharashtra. The Institute had its vision to create academic excellence and to make world class engineers for socio-economic upliftment of rural India. The mission of the institute is to make use of Engineering & Technology the principal instruments of economic development to improve the quality of life of people through Education, Training and Research. Institute is committed to the development of technical human resources towards socio economic growth of rural India for global competitiveness.

The college has been approved by AICTE, New Delhi and is permanently affiliated to the Savitribai Phule Pune University. It is among the few colleges awarded grade "A" by the Govt. of Maharashtra. Also all the UG Programmes are accredited by NBA, New Delhi. Moreover, the institute is ISO: 9001:2015 certified and recipient of Best College Award by SPPU, Pune.

About Department

Department of Information Technology is established in the year 2001 with an intake of 60 students. In the department there are 8 well equipped laboratories with latest hardware & software platforms. Latest licensed, design & application software have been installed in all laboratories. Students are also encouraged to make use of open source software & these software are installed in the department laboratories. UG Program in IT department has been accredited by NBA New Delhi for two years w.e.f. Nov 2013.

Department has experienced, dedicated & well qualified teaching faculty and supporting

staff members who carry out the regular academic activities as well as curricular & extracurricular activities as per the plans prepared in advance at the beginning of every semester. Apart from regular academic activities students take part in curricular & co curricular activities conducted by department organization ITERA as well as other department's organization & professional bodies in the institute like CSI, ISTE, and IEEE etc.

About FDP

Internet of Things (IoT) is one of the most emerging technology in the integrated field of Electronics, Computer Engineering and Information Technology. IoT is finding large number of application in day to day manual operations. Realizing plug & play, context aware and autonomous Internet of Things will be self configured, self-organized, self optimized and self-healed without (or with minimum) human intervention.

Foremost objective of the FDP is to make faculty aware about the emergence of Internet of Things. The FDP shall also provide faculty with hands on experience on applications IoT. The FDP shall serve a common platform for the faculty and research scholars across the state of Maharashtra to exchange their views on the emerging field of IoT.

Course Contents

- Introduction to IoT
- Digital Disruption
- SMAC Stack
- IoT Business Models
- Value Chain and Use Cases
- IoT Industry Applications
- IoT Solution Architecture
- End to End IoT Use Case Implementation
- Sensor Technology
- Arduino interface

- Raspberry pi interface
- IoT Security
- M2M Communication
- IoT Cloud
- System and Services Integration
- Hands on Training on IoT applications

Resource Persons :

The resource persons for the FDP will be industry experts and research guides in the area of IoT from renowned organizations and institutes.

Registration Fee :

Academia, Research Scholars & Industry Professionals : Rs. 500/ (Which includes Registration Kit, Lunch & Participation Certificate). The registration fee can be paid Online/Cash on any Nationalized Bank.

Online Payment Details :

Name : Principal College of Engineering

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Account No : 20139713710

IFSC Code : MAHB0000009

Registration form can be downloaded from Institute's website www.sanjivanicoe.org.in Completed and duly signed registration form in the prescribed format must reach to the Program co-ordinator through proper channel on or before **30th Nov 2018**.

Limited Seats (on First Come First Serve Basis) Paid Accommodation will be provided to needy participants on request.

