

ABOUT THE FDP

The Internet of things (IoT) is the network of physical devices, vehicles, home appliances and other items embedded with electronics, software, sensors, actuators, and network connectivity which enable these objects to connect and exchange data.

IoT platform provides development of number of applications smart grids, virtual power plants, smart homes, intelligent transportation and smart cities.

This FDP aims to make the participants realize the importance of IoT and its applications in various fields as well as to demonstrate some demo projects on specific applications. It gives an introduction to IoT, so that participants can learn to build their own IoT products for various applications, and it also enables them to convert their product ideas into a working prototype.

RESOURCE PERSONS

Experts from industry will handle the FDP.

IMPORTANT DATES

Starting date for registration	04.01.2019
Last date for receipt of application	13.01.2019
Intimation of selection	14.01.2019

TOPICS TO BE COVERED

- Introduction and Getting started with IoT
- Working with Digital and Analog signals
 - ✓ Interfacing and configuration of LED, Buzzer and switches
 - ✓ ADC, potentiometers, serial communication, LCD
 - ✓ Interface for display
- ESP8266, Node MCU Configuration
- Interfacing with Sensors and Actuators
 - ✓ Moisture, Light, Flame, Temperature & Humidity, IR, PIR, Gas, Piezo Vibration, Ultrasonic, accelerometer, sound, Hall effect, slot, Heartbeat, Finger Print and Colour Sensors .
 - ✓ Actuators, GPS/GSM interfacing with Node MCU.

ELIGIBILITY

Research scholars & faculties from various engineering colleges, polytechnic colleges, Arts & Science colleges.

REGISTRATION FEE

- Registration fee : Rs.300/-
- Registration form shall be submitted through online registration.
- As the number of seats are limited registration will be confirmed on first come first serve basis.

REGISTRATION FORM

Two Days Faculty Development Programme on

“Internet of Things”

16th & 17th January 2019

1. Name in block letters :

2. Designation :

3. Qualification :

3. Name of the Institution :

4. Address of the Institution:

5. Mobile Number :

6. Email id :

7. Payment Details:

DD Number: _____

Date: __/__/_____

Bank Name:

Branch:

Signature of the Applicant

Signature of the Principal with seal

CHIEF PATRON

Dr. P. Karvannan, Secretary
Dr. P. Ganesan, Correspondent
Er. K. Vignesh Kumar, Joint Secretary

PATRON

Dr. M. Sekar, M.E., Ph.D., FIE.,
Principal

COORDINATORS

Dr. A. Shenbagarajan, M.E., Ph.D,
Assistant Professor / CSE
Mrs. K. Padmapriya, M.E.,
Assistant Professor / ECE
Mr. P. Elamparithi, M.E., (Ph.D),
Assistant Professor / CSE

ADDRESS FOR COMMUNICATION

The Coordinator,
Department of CSE,
AAA College of Engineering &
Technology,
Amathur, Sivakasi – 626 005.
Mobile: 9788811288, 8531822334,
9994797021
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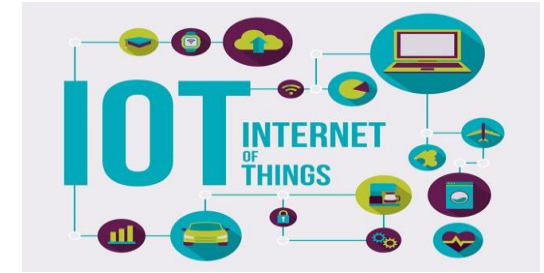
Scan to Online Registration:
<https://www.aaaengcoll.ac.in/iot-registration-form/>

ABOUT THE INSTITUTION

AAA College of Engineering and Technology, Sivakasi is one among the renowned colleges for technical education in the state of Tamilnadu. It is branded for its quality education, promoted by Sony Vinayaga group of Industries. Aspire, Attain, Achieve are its motto. The primary aim of our college is to provide quality engineering education. The college is managed by Panjurajan- Amaravathy trust located at Thiruthangal, Virudhunagar District. Our college has received the Best Infrastructure Award from Dr. K. Rosaiah, the former Governor of Tamilnadu. The college has signed MoU with leading industries like BSNL and Bosch. Also, the college is equipped with robotics laboratory “e-Yantra” which is supported by IIT, Bombay and a well established IoT Lab. Our college has recently become a part of Amazon Web Services (AWS) Academic Center and Oracle Workforce Development.

ABOUT THE CENTRE FOR IIoT

The objective of this centre for IIoT is to impart knowledge in Internet of Things to all our students and to train them with the requirement of the nation to become technocrats as well as entrepreneurs in IoT technology. Periodically, renowned experts from industry and academia will be invited to present on emerging trends in IoT.



TWO DAYS FACULTY DEVELOPMENT PROGRAMME

ON

“Internet of Things”

16th & 17th January 2019

in association with



Organized by

Centre for IIoT



**AAA COLLEGE OF ENGINEERING
& TECHNOLOGY**

SIVAKASI – 626 005.

Virudhunagar District, TamilNadu.