

## Registration Form

Name of Applicant (first, last):.....  
.....  
Fathers Name:.....  
.....  
Mothers Name:.....  
Date of Birth (DD/MM/YY):.....  
Gender:.....  
Category(General/SC/ST):.....  
Designation:.....  
Highest Qualification:.....  
Name and Address of the Institute/ Organization:.....  
.....  
City/town:.....  
Postal Address:.....  
City/town:.....  
Email:.....  
Landline Number (with STD code):.....  
Mobile Number:.....  
Do you need accommodation? (Yes/No):.....  
Transaction ID:.....  
Transaction Date: .....



Affix passport  
size  
photograph

Issuing Bank.....  
Signature of the Applicant: .....

I hereby agree to relieve Mr./ Ms./ Dr.....  
in case he/she is selected to attend the programme.  
Signature and Seal of the Forwarding Authority.

Name .....

Designation.....

### Note:

- 1) The Faculty/Staff are requested to submit the NOC from respective department before attending the session.
- 2) The Faculty member belonging to SC/ST Category need to carry caste Certificate (both in original & photocopy).
- 3) The participant need to carry the Institute/Organization valid Identity Card (Both in Original & Photocopy).
- 4) **Accommodation Details:** Accommodation (on request with nominal price on self paid basis) For details please contact: **Course Coordinator(+91-9629304077)**

**Programme Duration: 40 Hrs**

## Course Coordinators from Academy

- **Prof. Ratnajit Bhattacharjee**  
*Principal Investigator, E&ICT Academy, IIT Guwahati.*
- **Dr. Gaurav Trivedi**  
*Co-Principal Investigator, E&ICT Academy, IIT Guwahati.*

## Organising Committee from SKCT

### Chief Patron

- **Smt. S. Malarvizhi**, *Chairperson and Managing Trustee, Sri Krishna Institutions.*

### Patron

- **Dr. K. Sundararaman**, *Chief Executive Officer, Sri Krishna Institutions.*

### General Chair

- **Dr. Srinivasan Alavandar**, *Principal, SKCT*

### Convener

- **Dr. Tamilselvan GM**, *Professor & Head, SKCT.*  
*Phone: 09842254760,*  
*Email: tamilselvan.gm@skct.edu.in*

### Coordinator

- **Mr. A. Sureshkumar**, *Assistant Professor, SKCT*  
*Phone no: 09629304077,*  
*Email: a.sureshkumar@skct.edu.in*

### Members

- **Dr. R. Suganya**, *Assistant Professor, SKCT*  
*Phone no: 09944301616, Email: r.suganya@skct.edu.in*
- **Ms. M. Malathi**, *Assistant Professor, SKCT*  
*Phone no: 09750776670, Email: m.malathi@skct.edu.in*

## How to Apply?

**Online** – The participants may log on to the E&ICT Academy, IIT Guwahati website: [http://eict.iitg.ac.in/faculty\\_development.html](http://eict.iitg.ac.in/faculty_development.html) and fill up the google doc application form.

## Registration Fee Including GST

### (Including Course Material, Snacks and Lunch)

- Rs. 2,950/- for Faculty and PhD Research Scholar.
- Rs. 1,475/- for ST/SC Faculty and PhD Research Scholar.
- Rs. 5,900/- for Student, Industry Personnel, & Others (Subjected to Availability of Seat).

**NOTE – Registration fee is refundable strictly till the last date of registration.**



सत्यमेव जयते

An Initiative of  
**Ministry of Electronics & Information Technology (MeitY), Government of India**  
**Electronics & ICT Academy**  
**IIT Guwahati, Assam**



**One-week Faculty Development Programme on**

**IoT for Emerging Applications**  
**(10-14 Feb, 2020)**



**Organised in association with**  
**Sri Krishna College of Technology**  
**Support from**  
**Finland Labs**

**Course Date: 10-14 February, 2020**  
**(Online Registration Link will be open from 06.12.2019)**  
**Last Date of Registration: 01.02.2020**  
**Venue: Sri Krishna College of Technology**

## About Sri Krishna College of Technology

Nestled at the foothills of the Western Ghats, located in a sprawling 52-acre campus in Kovaipudur, Coimbatore, Sri Krishna College of Technology (SKCT) is a vibrant institute of higher education promoted by the VLB Trust in 1985. An extraordinary freedom of opportunity—to explore, to collaborate and to challenge oneself is the hallmark of the Institute which is solely attributed to Late Sri S Vankatram, who shaped this citadel of learning during its formative period. Being an autonomous institute, affiliated to Anna University, Chennai, and approved by AICTE, New Delhi, SKCT lays strong emphasis on collaborative research and stands apart from other institutes by its participatory work culture, student care programmes and high industry interaction. In a span of 34 years, it has emerged as one of the premier engineering colleges for learning, discovery, innovation, expression and discourse due to the dynamic leadership of the Chairperson and Managing Trustee Smt S Malarvizhi. Being acclaimed educationalist, she continues to contribute profusely for the glory and happiness of advancing generations. The college is accredited with A Grade by NAAC and eligible undergraduate programs are accredited by the National Board of Accreditation (NBA), New Delhi. The college offers 7 undergraduate programmes and 6 postgraduate programmes in engineering, technology, and Management Studies.



**Mode of Payment: Online Only (RTGS/NEFT)**

### For Online Transfer

**Bank Name: State Bank of India**

**Account Name: IIT Guwahati R and D E and ICT Academy**

**Account No.: 36071160089**

**IFSC Code: SBIN0014262**

**Bank Name: State Bank of India**

**Bank Address: IIT Guwahati, GHY- 39.**

## Objective of the Course

The course has been designed for increasing the demand of “Internet of things”. This course is demand of industries to fulfill the requirement of IoT professionals. In this course candidate will be taught every topic that is required and mentioned in the course content. As this course targets to any enthusiasts the basic information but in deep like “what is IoT”, the scope, benefits, and effects of IoT on various digital technology and devices. Here candidates can learn the mechanism of Machine to Machine (M2M) communication, understanding of IoT ecosystem, industrial internet, and IoT on cloud.

## Course Programme

FDP is split into three parts:

- Lectures.
- Labs/Hands-on sessions daily on Python Programming.
- Assignments and Project.

## Assignments & Project

1. Assignments will be of the following type:
  - MCQ based questionnaire.
  - Programming Assignments (Problem statement will be provided.)
2. At the end of the course “Project” will be assigned to the participants which will be based on the Practical Case Studies.

## How to Reach SKCT

Sri Krishna College of Technology is located on the Palakkad main road just 10 Km away from the City Bus stand and Railway station. Coimbatore International Airport is just 20Kms away from Our Campus. A prepaid taxi / cab service can be used to reach Sri Krishna College of Technology

## Contact Details

**Project Manager,**

**E&ICT Academy, IIT Guwahati**

**Email: [eictacad@iitg.ac.in](mailto:eictacad@iitg.ac.in), [eictacad@gmail.com](mailto:eictacad@gmail.com)**

**[eictinfo.iitg@gmail.com](mailto:eictinfo.iitg@gmail.com)**

**Phone No: +91- 7086502139,**

**+91-3612583182/2536/2503**

**(Working Hours 9:30 am to 5:30 pm)**

**Follow us on: [www.facebook.com/eictacadguwahati/](http://www.facebook.com/eictacadguwahati/)**

## About E&ICT Academy

Electronics and ICT Academy is an initiative of Ministry of Electronics & Information Technology (MeitY), Govt. of India for conducting various Faculty/ Research Scholar Development Programme. Academy has planned short term training programmes on fundamental and advanced topics in IT, Electronics & Communication, Product Design, Manufacturing with hands on training and project work using latest software tools and systems. In addition, the Academy will conduct specialized/customized training programmes and research promotion workshops for corporate sector & educational institutions.

## Course Outcome

- Humidity & Temperature Local Webserver
- Use Arduino to upload free data from Environmental Sensors to Cloud Server.
- Automatically Tweet Sensor Data on Twitter.
- Control Home devices from Local Web Browser
- ESP8266 Controlled with Android App
- PWM Controlled RGB Led Light (MQTT Based IoT)
- Smart Home Appliance Application
- Smart Irrigation System using Soil Moisture & Cloud
- AWS IoT Application & Streaming Data to AWS Cloud
- MQTT Based Common Message Portal Server
- IoT Sensor Data Analytics

## Address of SKCT

**Sri Krishna College of Technology**

**Kovaipudur, Coimbatore-641042**

**Ph.no : 0422-2984567-68(2 Lines)**

**0422-2604567-70(4 Lines)**

**Comments & Feedback : [info@skct.edu.in](mailto:info@skct.edu.in)**

For details of the programme and course contents etc., please log on to Electronics and ICT Academy website:

<http://eict.iitg.ac.in/index.html>