Registration Form

Name of Applicant (first, last):……………
………………………………………………........
Fathers Name:………………………………
………………………………………………….
Mothers Name:……………………………….

Affix passport size photograph

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: ……………………………………………
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)**

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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 SIOM

Programme Coordinator

- **Dr. Chandrani Singh,** *Director-MCA –SIOM.*

Members

- **Prof.Aparna Kulkarni ,***Assistant Professor,*
  Ph.No. 9284607408,
  email:aparna.kulkarni.siom@sinhgad.edu

- **Dr. Sunil Khilari,** *Assistant Professor*
  Ph. No.9850979655, email: sunilkhilari@sinhgad.edu

- **Prof. Nilesh Jambholkar** *Assistant Professor*
  Ph. No.950323272
  email: nilesh.Jambhulkar.siom@sinhgad.edu

- **Dr. Milind Godase,** *Professor*
  Ph. No.9422346035, email: milindgodase@sinhgad.edu

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 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.

**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 Engineering Applications (24-28 Feb, 2020)

**Organised in association with
Sinhgad Institute of Management
Support from
Finland Labs**

*Course Date: 24-28 February, 2020
(Online Registration Link will be open from 16.12.2019)
Last Date of Registration: 14.02.2020
Venue: MCA Dept, Sinhgad Institute of Management*

About Sinhgad Institute of Management

Sinhgad Institute of Management (SIOM™), Pune is a constituent of Sinhgad Institutes, Pune. Sinhgad Technical Education Society (STES) was established by Prof. M. N. Navale in 1993.STES's, Sinhgad Institute of Management (SIOM™) established in 1996 is the first self financed institution imparting PG courses in Management and Computer Application in western India accredited by NAAC in 2018, NBA New Delhi in 2013, 2008 SIOM-MCA is the first MCA Institute in India to have successfully educated more than 15,000 students over the years and well-placed in some of the most renowned companies. Highly qualified, experienced and dedicated faculty is the strength of the Institute. SIOM research centre has 19 guides associated with all the specializations of Management including Computer Science. At present 155 students are pursuing their Ph.D. and 48 students have been awarded Doctorate as on date. The objective is not only to educate students but also to provide them holistic development. Keeping these objectives in mind, we constantly organizes a series of quality workshops, seminars, conferences, sports and cultural events every year.

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 SIOM

Sinhgad Institute of Management, Pune is located at Off, Sinhgad Road, Vadgaon Budruk, Pune, Just 13 Km away from the Pune Railway Station and 19 Km from Pune International Airport. A prepaid taxi / cab service can be used to reach Sinhgad Institute of Management,Pune.

Contact Details

Project Manager,
E&ICT Academy, IIT Guwahati
Email: eictacad@iitg.ac.in, eictacad@gmail.com
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/

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 SIOM

S.No.44/1,Off,Sinhgad Rd,Vadgaon Budruk, Pune, Maharashtra 411041

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