

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:
 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.

Affix passport
size
photograph

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: Principal, CBIT (+91 8466997204)

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 CBIT(A)

- **Dr. P.Ravinder Reddy, Principal,CBIT**
Ph. No.:+91 8466997204,
email:principal@cbit.ac.in
- **Dr. D. Krishna Reddy, Professor & Head**
Ph. No.:+ +91 9866502428,
e-mail: dkrishnareddy_ece@cbit.ac.in
- **Dr. N. Alivelu Manga, Associate Professor**
Ph. No.:+ +91 9491595585,
e-mail: aliveumanga_ece@cbit.ac.in
- **Sri. P. Chandra Sekhar, Assistant Professor**
Ph. No.:+ +91 9395161120,
e-mail: pchandrasedkhar_ece@cbit.ac.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 and fill up the google doc application form.

Registration Fee Including GST

Registration Fee (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 one

IoT for Emerging Applications
(04-08 Feb, 2020)



Organised in association with
Chaitanya Bharathi Institute of Technology(A)
Support from
Finland Labs

Course Date: 04-08 February, 2020
(Online Registration Link will be open from 15.12.2019)
Last Date of Registration: 25.01.2020
Venue: ECE Department, Chaitanya Bharathi Institute of Technology(A), Hyderabad.

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.



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.

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

How to Reach CBIT(A)

a) From Bus Stations

Mahatma Gandhi Bus Station (MGBS)(Afzalgunj) (21.1 km):
via Mehdiapatnam to CBIT

City Bus numbers :

From MGBS to Mehdiapatnam: 216K

From Mehdiapatnam to CBIT:220 and 505

b) From Railway Stations

Secunderabad Railway Station (25.7 km)

Secunderabad Railway Station to Mehdiapatnam :5 series

From Mehdiapatnam to CBIT:220 and 505

Nampally Railway Station (20.3 km)

Nampally Railway Station to Mehdiapatnam:216K

From Mehdiapatnam to CBIT:220 and 505

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.

About CBIT(A)

Chaitanya Bharathi Institute of Technology (CBIT) is one of the premier engineering colleges for imparting quality engineering education in the state of Telangana. This is a first self-financed engineering college, established in 1979 in Hyderabad. Since 1979, CBIT has produced more than 20,000 successful Engineers. The grants received from AICTE / UGC / DST / Defense Labs are worth of above Rs. 4 crores in the form of Sponsored, R&D and Consultancy projects. This institute offers Nine UG and Ten PG programs. This institute is accredited by NBA, NAAC, and is an ISO 9001-2015 certified institute. The institution has obtained UGC autonomous status. The institute bagged 100th rank by the National Institutional Ranking Framework (NIRF) engineering rankings in 2019.

Address of CBIT(A)

Chaitanya Bharathi Institute of Technology(A),
Gandipet, Hyderabad, T.S,
India, PIN: 500075
Phone: +91-040-24193276
Fax: +91-040-24193278
Email: principal@cbit.ac.in
Principal: 040-24193276 , 040-24193278 (Fax)

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>