

Registration Form

Name of the Applicant (first, last):

Affix passport
size
photograph

.....

Father's Name:.....

Mother's Name:.....

Gender:.....

Date of Birth:.....

Designation:.....

Highest Qualification:

Name and Address of the Organization/Institute:.....

Postal Address:.....

Category : (GEN/OBC/SC/ST/Others).....

City/town:.....

Email:.....

Phone Number:.....

Mobile Number:.....

Do you need accommodation?

(Yes/No):.....

Transaction ID (Applicable for Online

Transaction):.....

Signature of the Applicant:.....

Signature and Seal of the Forwarding Authority

Name

.....

Designation

.....

Note:

i) The Faculty/Staff are requested to submit the NOC from respective

department before attending the session.

ii) The Faculty member belonging to SC/ST Category need to carry caste

Certificate(both in original & photocopy).

iii) The participant need to carry the Institute/Organization valid Identity

Card (Both in Original & Photocopy).

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.

Expert from industry

- Experienced experts from Industry will provide hands-on training to the participants

Committee Members

Advisory Committee

▪ Dr. Jagannatha Shenoji

President

GSSS(R), Mysuru, India

▪ Smt. Vanaja. B.Pandit

Hon. Secretary

GSSS(R), Mysuru, India

▪ Sri. Bharath R K

Member & CEO,

GSSS(R), Mysuru, India

▪ Smt. Anupama B Pandit

AO, GSSSIETW,

Mysuru, India

▪ Dr. Shivakumar M

Principal

GSSSIETW, Mysuru, India

Program Co-ordinator

▪ Dr. Parameshchhari B D

Professor & Head,

Dept. of TCE

GSSSIETW, Mysuru, India

About GSSSIETW, MYSURU| KARNATAKA

GSSSIETW, Mysuru is an initiative and outcome of Late Prof. B S Pandit, retired as Physics Professor from SJCE, Mysuru with a vision to provide quality technical education to girls. The institution was established in the year 2003 reflecting the ideals of its founder and seeks to achieve excellence as an academic institution with advanced research. **Five Engineering branches ECE, CSE, ISE, TCE and IT are accredited for three years by NBA, New Delhi**, (Validity: 01-07-2017 to 30-06-2020). The institute offers 6 B.E Programs, 2 M.Tech Programs and MBA all affiliated to VTU, Belagavi. The institution has professional forums like IEEE, IETE, ISTE, ISOI and CSI. The College also offers Ph.D programs in ECE, CSE, EIE, Mathematics, Chemistry and MBA Departments. The institute successfully organized Two IEEE International Conferences ICEECCOT in the years 2016 & 2017. Students have secured University ranks and received gold medals for the year 2014-15, 2015-16 & 2016-17.



सत्यमेव जयते

An Initiative of

Ministry of Electronics & Information Technology

(MeitY),

Government of India

Electronics & ICT Academy

IIT Guwahati, Assam

A Faculty Development Programme on

"IOT & Embedded System Design"



from 24 - 28 September, 2018

In Association with



GSSS INSTITUTE OF ENGINEERING & TECHNOLOGY FOR WOMEN, Mysuru

&

Support from DIGITAL SHARK TECHNOLOGY TI University Programme

Last Date of Registration: 22.09.2018

(Online Registration Link will be open from 16.07.2018)

Venue: Seminar Hall, 2nd Floor, GSSSIETW, Mysuru

Registration Fee including GST

Registration Fee (Including Course Material, Snacks and Lunch)

- Rs. 2,950/- for Faculty, Lab Technicians and Project Staff.
- Rs. 1,475/- for ST/SC Faculty.
- Rs. 5900/- for Industry Personnel, Research scholars and Students.

Objective of the Course

This Faculty Development Programme is designed for faculty/professionals/students who want to sharpen their design and development skills. This programme includes extensive hands-on lab emphasizing the demonstration and application of techniques and skills. The Lab session is based on advanced microcontrollers from Texas Instruments and includes the following:

- * MSP430 Launch Pad
- * Tiva-C series Launch Pad
- * SensHub Booster Pack
- * CC3100 Wi-Fi Booster Pack.

Course Outcome

The participants will be given a thorough understanding of the following topics:

- Internet of Things: IoT Overview, opportunities and challenges.
- Introduction to MSP430, Architecture, peripherals, Memory and Low Power Modes.
- Real Time System Design.
- Architecture and Hands-on TM4C123GXL Launchpad.
- Hibernation and wakeup on an RTC Interrupt.
- Introduction and Setting up CC3100 Booster pack as Server.
- Generation of Cloud based calls user.

Assignment and Project

1. Assignments will be MCQ based questionnaire.
2. At the end of the course “Project” will be assigned to the participants which would be an application development

Course Programme

Faculty Development Programme is split into two parts:

- Lectures.
- Assignments, Hands On and Project.

Topic to be Covered

Following Topics will be covered

1. Introduction to MSP430 family.
2. TIVA C series TM4C123GXL boards.
3. IOT TIVA and wifi cc3100 boards
4. Discussing PubNub and Freeboard Creating account on PubNub and Freeboard

Who Can Attend

Programme is open to Faculty Members, Research Scholars, PG & UG Students, Lab Technicians and Project Staffs from Universities, Colleges & Schools. Industry Personnel working in the concerned/allied discipline may also apply.

Contact Details

**For more details or any queries please contact
Project Manager,**

E&ICT Academy, IIT Guwahati

Email: eictacad@iitg.ernet.in,

eictacad@gmail.com

Phone No: +91-3612583182/3009

Mobile No: +91 7086502139

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

[https:// www.facebook.com/eictacadguwahati](https://www.facebook.com/eictacadguwahati)



How to Apply

Online – The participants may log on to the E&ICT Academy, IIT Guwahati

Website:

http://www.iitg.ernet.in/eictacad/faculty_development.html

and fill up the appropriate registration form.

Through Email – Scanned copy of the filled in application form duly endorsed by the forwarding authority is to be mailed at E&ICT Academy’s email id (eictacad@gmail.com, eictacad@iitg.ac.in). Application format given in this brochure may also be downloaded from the website.

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

For Online Transfer

Bank Name: State Bank of India

Account Name: IIT Guwahati R&D E&ICT Academy

Account No.: 36071160089

IFSC Code: SBIN0014262

Bank Name: State Bank of India

Bank Address: IIT Guwahati, GHY- 39.

About E&ICT Academy & IIT Guwahati

Electronics and ICT Academy is an initiative of Ministry of Electronics & Information Technology (MeitY), Govt. of India for 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.

Indian Institute of Technology Guwahati, the sixth member of the IIT fraternity, was established in 1994. The academic programme of IIT Guwahati commenced in 1995.



About Digital Shark Technology

Digital Shark Technology is a provider of products, services and solutions to Academic, industrial and commercial users of electronic components and enterprise computing solutions. The company serves multiple suppliers & OEMs, contract manufacturers and commercial customers across the country.

This Company offers a wide spectrum of products and a broad range of services and solutions, including materials planning, design services, programming and assembly service and a variety of online support services.

**Contact Hours for the Course
48 Hrs (Theory, Hands-on & Tutorial)**