

Registration Form

Name of the Applicant (first, last):

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.....

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).

Affix passport
size
photograph

Accommodation Details

Accommodation on shared basis will be provided for the outstation participants on a first come - first serve basis subject to the availability.

Tariffs in PSG Guest House Accommodation.

- For Non AC Rooms: Rs.400 per day (Twin Sharing Room)
- For AC Rooms: Rs.500 per day (Twin Sharing Room)

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.

Experts

- The experts are from Semiconductor Laboratory (SCL), Chandigarh which is an indigenous IC fabrication facility developed by Department of Space, Government of India. SCL is engaged in Research & Development in the area of Microelectronics (VLSI Process Development and Design, MEMS Process Development and Product Design, Imaging Process and Product Development, etc.) to meet the strategic needs of the country.

Committee Members

Patron

- **Shri. L. Gopalakrishnan**
Managing Trustee, PSG & Sons Charities Trust, Coimbatore

Chairman

- **Dr. R. Rudramoorthy**
Principal, PSG College of Technology, Coimbatore

Convener

- **Dr. S. Subha Rani**
Professor & Head, ECE, PSG CT

Course Coordinators

- **Dr. P. Saravanan**
Associate Professor, ECE, PSG CT
- **Mr. M. Alagappan**
Assistant Professor (SL), ECE, PSG CT
- **Mr. K. R. Radhakrishnan**
Assistant Professor (SG), ECE, PSG CT

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.



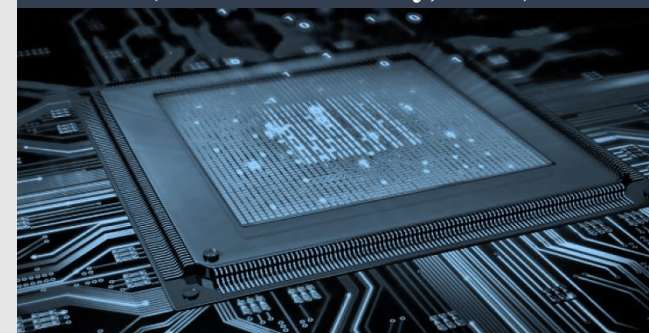
सत्यमेव जयते

An Initiative of
Ministry of Electronics & Information Technology
(MeitY),
Government of India



Electronics & ICT Academy
IIT Guwahati, Assam

One-Week Faculty Development Programme on
VLSI Design at Deep Submicron Node
(04 – 08 February, 2019)



in Association with



PSG College of Technology, Coimbatore

Last Date of Registration: 27.01.2019
(Online Registration Link will be open from 28.11.2018)
Venue: PSG College of Technology, Coimbatore

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

Objective of the Course

This Faculty Development Programme is designed for faculty / professionals / students who are willing to sharpen their VLSI design and development skills. This programme includes extensive hands-on laboratory training emphasizing the demonstration and application of circuit design techniques and skills. The hands-on training covers the following topics using industry-standard EDA tools.

- Process Technology, Modeling Aspects
- Basic Analog Blocks, Single Tx Topologies
- References
- Digital Design Flow
- Analog Design Flow
- Physical Implementation of Design
- Packaging
- Testing and QA Issues

Course Contents

Following Topics will be covered

- Deep Submicron (DSM) CMOS Technology
- CMOS Analog Circuit Design
- Introduction to CAD
- CMOS Switch, Current Mirrors
- Design of Two-stage Op Amps
- Basics of Switched Capacitor Circuits
- Introduction to Data Converters

Who Can Attend

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

**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.

About PSG College of Technology

PSG College of Technology, an institution of academic excellence, was founded in the year 1951 by PSG & sons Charities Trust. PSG College of Technology, an AICTE approved institution is affiliated to Anna University and ISO 9001 certified. Most of our programmes have been accredited by National Board of Accreditation (NBA). The Department of Electronics and Communication Engineering came into existence in the year 1968. The Department has Under Graduate programme in Electronics & Communication Engineering and Post Graduate programmes in Communication systems, VLSI Design, Wireless Communication and Nano science & technology offering high class technical education to the students. The Department has produced 75 Doctorates in the area of Wireless Communication, VLSI Design, Networking, Embedded and RF Design. The department has been funded with sponsored research projects from the Ministry of Electronics and Information Technology (MeitY), All India Council for Technical Education (AICTE), Department of Science and Technology (DST), Defense Research and Development Organization (DRDO), University Grants Commission (UGC) etc.

How to Reach

PSG College of Technology is well connected to the major cities in India through Air, Rail and Road. The Institution is just 4 km from Airport and around 6 km from both Bus and Railway stations

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:

- Assignments, Hands On and Project.
- Lectures.

How to Apply

Online – The participants may log on to the E&ICT Academy IIT Guwahati website: <http://eict.iitg.ac.in/> and fill up the appropriate registration form.

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.



Contact Details

For more details or any queries please contact
Project Manager,

E&ICT Academy, IIT Guwahati

Email: eictacad@iitg.ac.in, eictacad@gmail.com



Phone No: +91-3612583182

Mobile No: +91 7086502139

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

<https://www.facebook.com/eictacadguwahati>



For Accommodation Details,

Contact : Dr. P. Saravanan, Associate Professor (ECE)

PSG College of Technology, Coimbatore.

Ph. No.: +91 98944 12300, 80720 24033

Email: dpsaravanan@gmail.com,
dps.ece@psgtech.ac.in

Venue Details

PSG College of Technology
Avinashi Rd, Peelamedu, Coimbatore, Tamil Nadu 641004.
Website: <http://www.psgtech.edu/>