

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

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 Shenoi
<i>President, GSSS(R), Mysuru, India</i> | ▪ Dr. Shivakumar M
<i>Principal, GSSSIETW, Mysuru, India</i> |
| ▪ Smt. Vanaja. B.Pandit
<i>Hon. Secretary, GSSS(R), Mysuru, India</i> | Program Co-ordinator |
| ▪ Sri. Bharath R K
<i>CEO, GSSS(R), Mysuru, India</i> | ▪ Dr. Parameshachari B D
<i>Professor & Head, Dept. of TCE GSSSIETW, Mysuru, India</i>
Phn No: 9886211981
Email: hotde@gsss.edu.in |
| ▪ Smt. Anupama B Pandit
<i>AO, GSSSIETW, Mysuru, India</i> | |

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, TE 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 ICECCOT 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 One-week Faculty Development Programme on

“Python Programming”
(03 – 07 January, 2019)



Organize with support from



GSSS INSTITUTE OF ENGINEERING
AND TECHNOLOGY FOR WOMEN,
Mysuru

Last Date of Registration: 27.12.2018

(Online Registration Link will be open from 12.11.2018)

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.

Mode of Payment: Online Only (RTGS/NEFT)

Course Outcome

The participants are expected to understand:

- Identify/characterize/define a problem
- Design a program to solve the problem
- Create executable code
- Read most Python code
- Write basic unit tests

Assignment and Project

Assignments will be of the following type:

- Lecture sessions
- Instructor led hands-on sessions with 50% lecture and 50% hands on a daily basis
- MCQ model reviews for each topic
- Assignments and Projects

Preferred Pre-requisite for the course

This course is not intended for absolute beginners in programming, but includes review of elementary features. Students are expected to be able to open command prompt window or terminal window, edit a text file, download and install software, and understand basic programming concepts.

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.

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

Topics Covered

Following topics will be covered during session :

- General Introduction to Python and the class.
- Using the command interpreter and development environment.
- Finding and using the documentation. Getting help.
- Python 2.7 v/s 3.4
- How to install Python?
- Introduction to git and Github
- Basic data types.
- Functions: definition and use, arguments, block structure, scope, recursion Modules and import Installing Packages Conditionals and Boolean expressions
- Sequences: Strings, Tuples, Lists Iteration, looping and control flow.
- String methods and formatting Dictionaries, Sets and Mutability.
- Files and Text Processing Exceptions Testing List and Dict Comprehensions Advanced Argument passing
- Lambda
- Functions as Objects
- Classes Class instances Methods Multiple inheritance
- Python Data Structures Python Iteration and Conditional Constructs
- Python Libraries Process text using regular expressions
- Leverage OS services
- Perform basic graphics programming JSON with Python

Who Can Attend

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

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

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eictacad@gmail.com

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Mobile No: +91 7086502139

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

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

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.