

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:

Affix passport
size
photograph

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 will be provided on self paid basis at the rate of Rs. 500/- per day.** For other queries please contact Mr. Aniruddha Bera, Lecturer , Computer Science & Technology, Email : aniruddha.bera@bcrec.ac.in, Ph: 9701390863.

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.

Coordinator from Dr. B. C. Roy Polytechnic

- **Mr. Aniruddha Bera**
Lecturer, Computer Science & Technology,
Email : aniruddha.bera@bcrec.ac.in,
Ph: 9701390863
- **Mr. Arnab Banerjee**
Lecturer, Computer Science & Technology,
Phone- 9614472992

How to Reach Dr. B. C. Roy Polytechnic

Air : In case you are arriving by air then you have to take a flight to kolkata and then you have to avail train/bus.
Train : In case you are arriving by train from Kolkata/Howrah Station, please alight at Durgapur Station, cross over Platform No.1, and take public conveyance from the Bus Terminus to Bidhan Nagar. You may get down at Pubali Housing , and follow Meghnad Saha Sarani. The Polytechnic is approximately half a kilometer from Pubali Housing.
Road : In case you are coming by surface transport from Esplanade, Kolkata along NH2, alight at Muchipara, and take an auto that will drop you at Pubali Housing. You may also ask the auto to drop you at the Polytechnic if you have hired the auto alone.

Registration Fee Including GST

Registration Fee

(Including Tea/Snacks and Lunch)

- Rs. 2,000/- for Faculty, Lab Technicians and Project Staff.
- Rs. 1,475/- for Faculty members belonging to ST/SC category.
- Rs. 5,900/- for Research scholar & others (Subjected to Availability of Seat).

Programme Duration
40 Hrs



An Initiative of
Ministry of Electronics & Information Technology
(MeitY), Government of India
Electronics & ICT Academy
IIT Guwahati, Assam



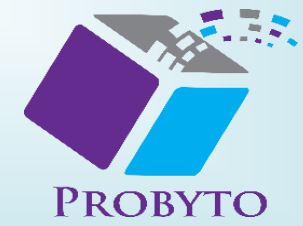
One-week Faculty Development Programme on



Organized with support from



Dr. B. C. Roy Polytechnic
Department of Computer Science and Technology



Course Date: 01 - 05 July, 2019
Last Date of Registration: 20.06.2019
(Online Registration Link will be open from 26.04.2018)
Venue: Dr. B. C. Roy Polytechnic, Durgapur, West Bengal

Objective of the Course

This course will take you from the basics of programming language (Python) to explore many different types of data. You will learn how to prepare data for analysis, perform simple statistical analyses, create meaningful data visualizations, predict future trends from data, and more!

Course Programme

FDP is split into three parts:

- Lectures.
- Labs/Hands-on sessions daily.
- 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 based on the Practical Case Studies.

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,
+91-3612583009/3182/2536/2503

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

Follow us on: www.facebook.com/eictacadguwahati/



**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

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

- Data Science Overview
- Data Analytics Overview
- Statistical Analysis and Business Applications
- Python: Environment Setup and Essentials
- Mathematical Computing with Python (NumPy)
- Scientific computing with Python (Scipy)
- Data Manipulation with Python (Pandas)
- Machine Learning with Python (Scikit-Learn)
- Natural Language Processing with Scikit-Learn
- Data Visualization in Python using Matplotlib
- Data Science with Python Web Scraping
- Python integration with Hadoop, MapReduce and Spark

Pre-requisites for the Course

The preferred Pre-Requisites for the course are:

- Basics of Python
- Basics of Data Analytics

Who Can Attend?

- Faculties, Research scholars and Students looking to expand their knowledge in the area of statistical data analysis, Big Data Analysis, and Graphical analysis.
- This can also be fruitful for management streams, social sciences & non-engineering streams.

How to Apply?

Online – The participants may log on to the E&ICT Academy, IIT Guwahati website: <http://eictacad@iitg.ac.in> and fill up the google doc application form.

Offline – 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.

For details of the programme and course contents etc., please log on to Electronics and ICT Academy website: <http://eict.iitg.ac.in/>

About Dr. B. C. Roy Polytechnic

Dr. B.C. Roy Polytechnic, Durgapur, was set up on 2014, under the over all management of Dr. B.C. Roy Engineering College Society. Born of a vision of a group of Durgapur based philanthropic entrepreneurs, the institute is dedicated to the memory of Dr. Bidhan Chandra Roy, the architect of modern West Bengal and BCREC management is deeply committed to gradually build the college as one of the best seats of Diploma Engineering Education in Eastern India with domestic and global requirements in view.

Dr. B.C. Roy Polytechnic, Durgapur, is affiliated to the West Bengal State council of Technical and Vocational education and skill development. The Institute is approved by All India Council for Technical Education (AICTE). All the courses offered conform to the latest requirements and syllabus is structured by West Bengal State council of Technical and Vocational Education and Skill Development . The team at the helm of affairs believes in the best towards grooming the students and transforming them as dynamic leaders of tomorrow. Generating top quality Engineers and Technical Professionals year after year is indeed a true service to the Nation and a respectful salutation to the great visionary, Dr. Bidhan Chandra Roy. The management is ever ready to take all pains to make BCRP one of the premier Institutes offering Diploma Engineering program.

About E&ICT Academy

Electronics and ICT Academy is an initiative of Ministry of Electronics & Information Technology (MeitY) Ministry of Communications and IT, 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 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.