Registration Form

Name of Applicant (first, last):……………
……………………………………………………….

Affix passport size photograph

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.

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) Hostel facility & Guest House are available at the following rates:
   Non-AC Single Accommodation in students hostel   - Rs. 1500/person
   Accommodation in Guest House (AC-Twin Sharing)- Rs. 2500/person
   Note: (i) Limited accommodation available in guest house on "first come first served" basis.
   (ii) Accommodation includes Bed Tea, Breakfast and dinner during workshop days.
   For accommodation contact: (+91) 7001827026/7504466516 (Mob)

**Workshop Duration
24 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.

Coordinators from ASBM

- **Prof. Avijit Mondal**
  Asst. Professor and Chairperson-IT
  Area-Operations & Information Management
  e-mail: avijit.mondal@asbm.ac.in
  Telephone: 7001827026 / 0674-237-4871
- **Dr. Manash Kumar Sahu**
  Asst. Professor (Marketing)
  e-mail: manash.sahu@asbm.ac.in
  Telephone: 9439894715 / 0674-237-4870

How to Reach ASBM

Bhubaneswar, the capital city of Odisha, is well-connected to all other major Indian cities by air, road and rail.

How to Reach Bhubaneswar by Air:
The Bhubaneswar Airport or Biju Patnaik International Airport, located about 3km far from the city, connects the city with rest of the country by air. There are daily flights for Bhubaneswar from different parts of India.

How to Reach Bhubaneswar by Road:
Baramunda bus stand, located around 5 km away from the city centre connects Bhubaneswar to all other major India cities by road. Regular bus services are available for the cities like Konark, Puri, Hyderabad, Raipur and Kolkata.

How to Reach Bhubaneswar by Rail:
Bhubaneswar Railway Station is the main railhead connecting the city with several Indian cities. There are regular superfast trains available from Kolkata, Mumbai, Delhi, Chennai, Hyderabad, Bangalore etc.

Registration Fee

Registration Fee (including Snacks and Lunch)
Rs. 1,000/- for Faculty, Lab Technicians and Project Staff
Rs. 1,500/- for Industry Personnel, Research Scholars and Students.
Mode of Payment: Online Only (RTGS/NEFT)

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

**Electronics & ICT Academy
IIT Guwahati, Assam**

Data Analytics using R Programming
(11 – 13 July, 2018)

Organized with support from

Asian School of Business Management

Predictive Analytics

Predictive Analytics Solutions Pvt. Ltd.

Course Date: 11-13 July, 2018
Last Date of Registration: 06.07.2018
(Online Registration Link will be open from 11.06.2018)
Venue: ASBM, Bhubaneswar, Odisha

Objective of the Course

R has its own challenges. It is not only important to learn to code in R but to also know the different statistical theories behind the techniques. This course builds a foundation for R by teaching the following:

- The theories and concept behind the technique.
- The way these techniques need to be applied in R.
- Interpreting and drawing conclusions from the outcome.

This course will teach you different statistical theories as well as provide hands on training to carry out different analysis using R.

The programme will focus on practical aspects and include examples which are relevant to the current industrial requirements.

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.

Contact Details

Project Manager,
E&ICT Academy, IIT Guwahati
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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/

For Online Transfer

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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:

- Introduction to R
- Data Structures
- Graphical Analysis
- Frequencies
- Descriptive Statistics
- Comparing Populations
- Relationship Between Variables
- Time Series Analysis
- Decision Tree and Neural Network

Hands-on Session

The Hands- on session will include the following:

- Installing R, commands & syntax, packages and libraries, workspace in R.
- Introduction to vectors, matrices, arrays, list, factors, data frames, data import & export & data types.
- Creating simple graph, pie diagram, barplot, histogram, modifying axis of graph.
- Frequency distribution & their graphical presentation.
- Measures of central tendencies, position, dispersion, distribution.
- Hypothesis testing, Chi square test, one way ANOVA .
- One sample and paired sample test.
- Correlation & regression.
- Time series data & their graphical presentation.
- Building C5 & CART decision tree.
- Building Neural network

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 and other non-engineering streams.

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

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.

About ASBM

Asian School of Business Management, located in the lap of nature on the outskirts of Bhubaneswar, the capital city of Odisha, is an autonomous business school. Established in 2006 by a team of dedicated educationists and management professionals led by Prof. Biswajeet Pattanayak, former Professor of IIM Lucknow & Indore, ASBM has been benchmarked with the IIMs for providing quality management education. It offers the PGDM programme approved by AICTE, Ministry of HRD, Govt. of India with national accreditation by NBA and global accreditation by ACBSP, USA.

ASBM is also committed to research and development and has entered into MoU with internationally reckoned centres of learning like Metropolitan State University, Eastern Michigan University, Westcliff University, St. Cloud State University, California State University, North Carolina Central University (all from USA), University of Nottingham (Malaysia Campus), and Universidad Argentina de la Empresa (Argentina).

ASBM has been rated 'A+++' in the national survey of Business India in December 2017 and has earned many awards and laurels.

Venue

Asian School of Business Management
Shiksha Vihar, Bhola, Baranga – Khurda Road,
Chandaka, Bhubaneswar – 754 012
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