

Registration

Name of the Applicant (first, last):

.....

Gender:.....

Designation:

Highest Qualification:

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

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: 1) The Faculty/Staff are requested to submit the NOC from respective department before attending the session.

2) The Faculty/Staff are requested to submit their Caste Certificate in case of OBC/SC/ST.

3) Limited Hostel facility is available. For details regarding the accommodation please contact 9942832002

Affix passport
size
photograph

Registration Fee

Registration Fee (Including Course Material, Snacks and Lunch)

- **Rs. 2,500/-** for Faculty, Lab Technicians and Project Staff.
- **Rs. 1,250/-** for Faculty members belonging to ST/SC category.
- **Rs. 5,000/-** for Industry Personnel (Subjected to Availability of seats).
- **Rs. 1,500/-** for Students and Research Scholars Personnel (Subjected to Availability of seats).

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

Course Coordinators from Academy

- **Prof. Ratnajit Bhattacharjee**
Principal Investigator, E&ICT Academy, IIT Guwahati.
- **Prof. Rohit Sinha**
Co-Principal Investigator, E&ICT Academy, IIT Guwahati.
- **Dr. Gaurav Trivedi**
Co-Principal Investigator, E&ICT Academy, IIT Guwahati.
- **Prof. T Gopalakrishnan**
Assistant Professor, Department of Information Technology, Bannari Amman Institute of Technology
- **Ms. K S Priyadharshini**
Assistant Professor, Department of Information Technology, Bannari Amman Institute of Technology

Expert from Industry

- **Mr. Rajat Dua**, Lead Consultant Wipro Ltd
- **Mr. Veereshkumar B. Nargund**, Technical Lead Wipro Ltd

How to Reach Bannari Institute

The Bannari Amman institute of Technology located at Sathyamangalam, Tamilnadu, India and surrounded by several attractive tourist places. The nearest airport is at Coimbatore which is 1 hour drive away. Sathyamangalam is well connected by road from all major cities like Chennai, Coimbatore, Erode, Cochin, Trivandrum, Mysore, Bangalore, etc. The nearest railway stations are Erode (65 Kms) and Coimbatore(70 Kms).
Bannari Amman Institute of Technology,
Alathukombai , Sathyamangalam - 638 401,
Erode District, Tamil Nadu,
India Ph: +91-4295-226000

About Wipro

Wipro Ltd is a global information technology, consulting and outsourcing company with 170,000+ workforce serving clients in 175+ cities across 6 continents. The company posted revenues of \$7.7 Billion for the financial year ended Mar 31, 2016.



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



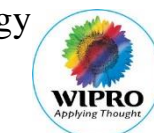
Electronics & ICT Academy
IIT Guwahati, Assam



A Faculty Development Programme on Data Science & Big Data Analytics



Organized in association with
Bannari Amman Institute of Technology
and
support from Wipro Ltd.



Applications are invited from Faculty Members/ Research Scholars/PG & UG Students/Lab Technicians/Project Staffs from Universities/Colleges/Schools & Industry Personnel working in the concerned discipline can attend the Faculty Development Programme on

“Data Science & Big Data Analytics”

Course Date: 11-17 Sept, 2017
Last Date of Registration : 01 Sept, 2017
(Online Registration Link will be open from 01 Aug, 2017)
Venue: Bannari Amman Institute of Technology

Objective of the Course

Big Data & Hadoop Market is expected to reach \$99.31B by 2022 growing at a CAGR of 42.1% from 2015 - Forbes.

McKinsey predicts that by 2018 there will be a shortage of 1.5M data experts - Mckinsey Report. This 48 hours course objective is to give high level understanding of bigdata to trainees so they can explore each big data technology stack in depth.

Course Outline

Faculty Development Programme is split into three parts:

- Lectures.
- Labs/Hands-on sessions daily on various Android Development Tools.
- Assignments and Project.

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.

How to Apply

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

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.ernet.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 and D E&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:

- i) Hadoop Architecture, HDFS, Hadoop Cluster and Hadoop Administrator's role
- ii) Plan and Deploy a Hadoop Cluster
- iii) Load Data and Run Applications. ETL
- iv) Configuration and Performance Tuning
- v) How to Manage, Maintain, Monitor and Troubleshoot a Hadoop Cluster
- vi) Cluster Security, Backup and Recovery
- vii) Insights on Hadoop 2.0, Name Node High Availability, HDFS Federation, YARN, MapReduce v2
- viii) Oozie, Hcatalog/Hive, and HBase Administration
- ix) Programming skills in hive, pig etc. Map reduce.

Course Programme

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

- Understanding BIGData and Hadoop
- Hadoop Architecture and HDFS
- Hadoop Cluster set up
- Hadoop Mapreduce Framework and HBASE(NoSqDB)
- Run MapReduce Jobs and monitor
- Learn NoSQL Data Management
- PIG
- Hive
- Sqoop
- Advanced technologies with Hadoop
- Administration and Maintenance
- Monitoring and Troubleshooting
- Job Scheduler: Map reduce job submission flow

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

Course Benefits

Hadoop training helps participants to expertise in all the steps necessary to operate and maintain a Hadoop cluster, i.e. from Planning, Installation and Configuration through load balancing, Security, Tuning, Programming in hive, pig etc. The training will provide hands-on preparation for the real-world challenges faced by Hadoop Administrators and developers.

Academic Interaction

The Faculty Members from renowned Institutes will deliver lectures. They will also discuss about the scope of research in the areas and enlightened the participants with the latest development

About E&ICT Academy

Electronics and ICT Academy is an initiative of Department of Electronics & Information Technology (DeitY) 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.

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- 7086502139, +91-3612586442
(Working Hours 9:30 am to 5:30 pm)**