

Online Faculty Development Programme on

Big Data Analytics

18 April 2022 to 29 April 2022

E&ICT Academy, NIT Patna in collaboration with
EarlyRise (A Unit of Xdigics Tech. Pvt. Ltd.)



Topics include:

Topics with detail (Lab experiments must be conducted on the mentioned topics)

- Big Data Fundamentals, Models and Frameworks
- Advanced Methods for Big Data Analytics
- Machine Learning Techniques
- Infrastructures for Big Data
- Big Data Management and Frameworks
- Role of Big Data in Design of Web Recommender Systems
- Cloud-Based Big Data Analytics
- The Fog Data Analytics Through Edge Clouds
- Advanced applications of Big Data Analytics
- Hands on sessions on Big Data Open Platforms
- Security Privacy in the Era of Big Data, Privacy Threats of Big Data,
- Privacy Preserving Big Data Publishing, Intrusion Detection

Program Coordinator:

Dr. Bhaskar Mondal

Assistant Professor

CSE, NIT Patna, India

Email: bhaskar.cs@nitp.ac.in

Registration:

Last Date for registration : 17th April, 2022

To register visit the link

<https://forms.gle/UnVWuaFrEEEx7Afnf8>

Expected timing: 05:00 pm to 09:00 pm

Overview

This FDP aims at providing a forum for members of the research and academic community, to interact on cutting-edge and ground breaking topics in Big Data Analytics some of its objectives:

- To promote and foster Big Data Science, Technology and Applications in the country and to develop core generic technologies, tools and algorithms for wider applications in IT and Government Organizations.
- To ensure participants are trained in the niche area of, big data analytics platforms Hadoop, Hadoop-Related Projects, Spark etc.), machine learning techniques and its use in analytics, NoSQL databases, and security and privacy issues in big data analytics.
- To impart the state of art knowledge of advances in research, different tools and real time applications of big data
- To strengthen specialized research areas of big data analytics.

Outcomes

Upon successful completion of the FDP, participants would be able to:

- Deploying the Data Analytics Lifecycle to address big data Analytics projects.
- Reframing a business challenge as an analytics challenge.
- Applying appropriate analytic techniques and tools to analyse big data, create statistical models, and identify insights that can lead to actionable results.
- Selecting appropriate data visualizations to clearly communicate Analytic insights to business sponsors and analytic audiences.

Course Fee Details:

Academic (student/faculty): 1000 INR

Industry People/Others : 2000 INR

Payment Details:

Bank Name: Indian Bank

Account Name: NIT Patna

Account No.: 50380476798

IFSC Code: IDIB000B810