

Certificate Course on Intelligent Analytics

Objectives

- Bring out the significance of data analytics in IoT.
- Understand the need for data collection, planning and process in IoT.
- Apply various tools for Data analysis.
- Present data visualization and reporting for decision making.

Outcomes

- Distinguish and Collect the Data from different Smart Devices.
- Analyze different Preprocessing techniques to cleanse the data.
- Apply various Analytical approaches for Analysis.
- Exhibit the Analytical results using Visualization tools to make effective decision.

Track - 1 Aspects of Big Data Analysis



- Characteristics of Big Data
- Understanding the Big Data
- Big Data Platform
- Big Data Platform Governance

Track - 3 Platforms for Data Analytics



- Hadoop, Hive, Pig
- Map Reduce
- Machine Learning
- Text Mining
- Image & Video Analysis

Exposure to different Analytical Tools through Hands-on sessions is provided

Track - 2 Statistics in Data Analytics



- Statistical Techniques
- Regression Techniques
- Data Exploration
- Variable Selection
- Model Selection
- Visualization of Data

Track - 4 Data Storage



- Sources of Data
- Data Preparation
- Introduction to NoSQL
- Introduction to MongoDB

Pre-requisites: Students should have basic knowledge on Data Base Management System.

Batch Size: 30 Students on FCFS Basis

Course Starts From: 14th October 2017

Registration @ Department of MCA, RVCE

Who Can Apply: Pre-final/
Final year and Graduate students
of all Programs of Engineering/Sciences

Course Duration: 100 Hours

Course Fee: Rs.10,000/- + Tax as applicable
Payment through DD in favour of Principal, RVCE

2nd Batch
starts from
14th October
2017

Contact Information

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