

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 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

Track – 2 Statistics Data



- 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: 1st Week of June 2017

Registration @ Dept of MCA,RVCE

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

Course Duration: 90 Hours

Course Fee: Rs.5000/- + service tax as applicable

Contact Information

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