

Reg. Fee
Rs. 250/-

12th September, 2018 •

DEPARTMENT OF INFORMATION TECHNOLOGY

• **ORGANIZES** •

ONE DAY WORKSHOP

ON

BIG DATA ANALYTICS USING HADOOP



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Crescent
Institute of Science & Technology
Deemed to be University u/s 3 of the UGC Act, 1956

ABOUT

Massive amounts of structured and unstructured data are being generated from online user activities on e-commerce, social-media websites, Medical, Pharmaceutical Industry, etc. Big Data, as this massive amount of data is called, leads to many challenges like how do organizations oversee and process this huge measure of information? How do organizations naturally learn shrouded patterns and examples in this information? How do organizations accumulate noteworthy knowledge to enhance their main concern?

This workshop will cover Hadoop tools and techniques that directly address the challenges. Hadoop is an open source distributed processing framework that manages data processing and storage for big data applications running in clustered systems. Formally known as Apache Hadoop, the technology is developed as part of an open source project within the Apache Software Foundation (ASF). The workshop will be focused on more hands-on practice sessions with minimal lectures. This workshop will be more useful to the final year students to develop their final year project and to get placement in leading IT industries.

COURSE CONTENTS –

- Understand the Basics of Big Data and Hadoop Ecosystem
- Basic knowledge about Big Data concept
- Map Reduce Paradigm
Get practical exposure in Hadoop software
- Future of Bigdata

HANDS ON TRAINING IN HADOOP SOFTWARE –

- Software Installation
- Data Ingestion using Sqoop & Flume
- Data Analysis using Hive & Pig
- Hands on Hadoop Project

WHO CAN ATTEND? –

- Students
- Research Scholars
- Academicians

PRE-REQUISITE –

- Basic knowledge in programming
Anyone with Laptop

BENEFITS –

- Take up Final Year Student Project
- Opportunity for Placement
- Gateway for learning new technologies

CONVENER

Dr. M. Kabeer
HOD/IT

COORDINATORS

Dr. N. PRAKASH – Assoc.Prof./IT
Ms. L. SHAKKEERA – AP(Sr.Grade)/IT
Ms. R. PRIYADARSHINI – AP(Sr.Grade)/IT