ANNA UNIVERSITY SPONSORED
TWO DAYS
WORKSHOP ON
BIG DATA ANALYTICS USING HADOOP
(WBDAH-15)
On
26th – 27th March 2015
Convenor
Dr.A.Valarmathi
Organized By,
Department of Computer Applications
Anna University,
BIT Campus – Trichy,
Tiruchirappalli – 620024.

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The Convenor-(WBDAH-15)
Department of Computer Applications
Bharathidasan Institute of Technology,
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WBDAH-15
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About the Institution

Bharathidasan Institute of Technology Anna University Regional Centre Tiruchirappalli is a constituent institution of Anna University Chennai situated 17 Kms from Tiruchirappalli on the main highway to Pudukkottai.

The Institution has the following Departments:

- Department of Civil Engineering
- Department of Mechanical Engineering
- Department of EEE
- Department of ECE
- Department of CSE/IT
- Department of Pharmaceutical Engineering
- Department of BioTechnology
- Department of Petrochemical Technology
- Department of Computer Applications (MCA)
- Department of Management Studies (MBA)
- Department of Automobile Engineering
- Humanities and Science Division

About the Department

The Department of Computer Applications established in the year 2007, offers a three years course in Master of Computer Applications (MCA) with an objective to impart quality education in the field of Computer Science. It provides a foundation in computer concepts and techniques with emphasis on computer applications. The Department encourages and supports students’ success through enhancing technical knowledge in the major research areas like Data Structures and Algorithms, Computer Networks, Data Mining, Mobile Ad-hoc Networking, Grid Computing, Cloud Computing and Pervasive Computing Technologies.

About WBDAH-15

Big data is a collection of large and complex data sets which becomes difficult to process using on hand database management tools or traditional data processing applications. It is becoming very difficult for organizations to store, retrieve and process the ever increasing data. The problem lies in the use of traditional systems to store enormous data.

Big data analytics refers to the process of collecting, organizing and analyzing large sets of data to discover patterns and other use full information. To analyze a large volume of data, big data analytics is typically performed using specialized software tools and applications for predictive analytics, data mining, text mining, and forecasting and data optimization. Hadoop is an open source software framework that supports the processing of large data sets in a distributed computing environment.

Course Content

- Understanding Hadoop Architecture & HDFS
- Hands-on with single node and multi node cluster
- Understanding MapReduce abstraction and Hands-on with MapReduce programming
- Hands-on with Hadoop Ecosystems, HIVE & PIG
- Understanding data visualization and Hands-on with Pableau & R Tools.
- Data analytics using Machine Learning techniques and Hands-on with R.

Note:-

- Registration - First Come First Serve.
- Maximum no. of Participants - 50.

Registration fee:-

- UG/PG Students: Rs.500/-
- Research Scholar: Rs.600/-
- Academic: Rs.700/-

Payment Details:-

The registration fee is to be paid by Demand Draft Drawn in favor of “HOD/MCA” payable at Tiruchirappalli.

Important Dates:-

- The DD along with registration form has to reach the Address for Correspondence on or before 24.03.2015.
- Registration last date : 24.03.2015

Further Details:-

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- Visit us at : www.aubit.edu.in