Three Weeks Technical Workshop on Big Data Analytics Using Hadoop

SCSIT focuses on imparting technical education to students and all round development of students that can meet the industry's expectations. It is essential to impart practical industry oriented training to the students so as to increase the employability. Big Data has been making waves across nearly every industry. Thus, School of Computer Science & IT in association with FinTech Trainers Pvt. Ltd. had organized **Three Weeks Technical Workshop on Big Data Analytics Using Hadoop** from **14th June to 5th July, 2017**.

Hadoop is demanded by many industries at present, exposure to the technology will help in improving the employability of students. Perceiving the placement benefits, School of Computer Science & IT wants to organize three week technical workshop on Hadoop in the month of June, 2017 (proposal attached). For the workshop, FinTech Trainers is going to provide experts, their traveling and dining allowance. School of Computer Science will provide auditorium, computer Labs and related expenses like certificates, mementos, batteries, tea refreshment of registered participants and experts, bisleri, expenses related to inaugural and valedictory etc.

Registration Form

1. Name:……………………………………………………
2. Designation:……………………………………………
3. Course/Semester/Year:…………………………………
4. College:…………………………………………………
5. Contact No:…………………………………………......
6. Address:…………………………………………………
7. Email ID:…………………………………………………

Fee Details:

Rs 3000.00 for Devi AhilyaVishwavidyalaya, UTD Students / Faculty.
Rs 3500.00 for others.

LIMITED SEATS – Registration will be on first come first serve basis.

Payment can be made through DD in favour of:
Medha Innovation and Development Pvt. Ltd.
DD No:………………………Amount:…………………….
Date:………………………..Bank:…………………………..
OR
You may directly deposit into bank account, details are:
Name of Account Holder:
Medha Innovation and Development Pvt. Ltd.
Name of Bank: IndusInd Bank Ltd.
Branch: Indore – II Branch, Ground Floor,Shubham Complex, Sapna Sangita Main Road, Indore
Account type: Current Account
Account No: 259522222728
IFS Code: INDB0000378

NOTE:
Please deposit the fee receipt & show ID card at the Registration Desk on 14th June, 2017 at 10 A.M. Also mail the filled Registration Form & scanned copy of fee receipt or UTR No. compulsorily to:
workshop.scsit@fintechtrainers.com
and
shraddhamasih@gmail.com

Topics to be Covered

1. Big Data Overview
2. Hadoop Overview
3. Hadoop Architecture
4. Hadoop Installation (Single Node & Multi Node)
5. Sqoop Installation and Data Ingestion
6. Hive Installation and Query
7. Hbase Installation and Query
8. Statistics Basics
9. R Programming
10. Integrating R with Hadoop using RHive

Workshop Schedule

Dates:
14th June 2017 to 4th July 2017
Timings:
10:30 to 12:30 – Session 1
12:30 to 1:15 - Lunch Break
1:15 to 3:15 - Session 2
3:15 to 3:30 - Tea & light snacks
3:30 to 5:30 - Session 3

Committees

Patron:
Dr. N.K. Dhakad, Hon'ble Vice Chancellor, DAVV, Indore
Advisory Committee:
Dr. Sanjay Tanwani, Professor & Head, SCSIT
Mr. Tarun Bhatnagar, Director,Medha Innovation
Mr. Anidhya Bhatnagar, Director, FinTech Trainers
Convenor:
Dr. Shraddha Masih, Reader, SCSIT – Convenor
Co-Convenors:
Ms. Pritika Bahad, Lecturer, SCSIT
Ms. Tarjani Sevak, Lecturer, SCSIT
Organizing Committee:
Dr. Ugrasen Suman
Dr. Preeti Saxena
Dr. Ajay Tiwari
Dr. Nitin Uikey
Ms. Chaitali Uikey
Dr. Deepak Abhyankar
Mr. Hitesh Ninama
Dr. Shweta Agrawal
Mr. Chetan Awasthi
Mr. Mohit Varma
Ms. Deepika Rai
Mr. Himansukamal Verma
Mr. K.L. Suryavanshi
Ms. Shail Uikey
Dr. Jyoti Ratnawat
Mr. Javed Khan

FinTech Trainers

Devi Ahilya Vishwavidyalaya,Indore
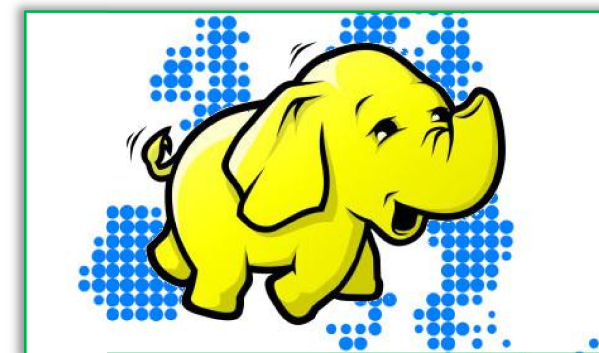**School of Computer Science & IT**
in association with
FinTech Trainers Pvt. Ltd, Indore
is organizing

Three Weeks Workshop
on
BIG DATA ANALYTICS USING HADOOP

Dates:
14th June 2017 to 4thJuly 2017
Time:
10:30 A.M. to 5:30 P.M.

Venue:
School of Computer Science & IT
DAVV, Takshashila Campus, Khandwa Road, Indore

Last Date for Registration is 10thJune 2017.

The Institute

The School of Computer Science & IT (SCSIT), DAVV was established in 1986. The department since then has endeavored into promoting technical education and research

in the important and fast growing branches of information technology. It is an autonomous department under Devi Ahilya Vishwavidyalaya (A Grade University of Central India) with its goal set to produce computer science specialists to meet the global challenges. The school actively collaborates with government agencies such as AICTC, UGC, DST, and NPCST for R&D support. Our department regularly organizes seminars, workshops and conferences on emerging trends and cutting edge technologies.

About FinTech Trainers

FinTech Trainers Pvt. Ltd. has been established with an objective to develop skilled personnel that are capable to meet market driven requirements, standards and level of expertise needed by the industry.

FinTech Trainers Private Limited

102-103 Sukhmani Building, 5 Vishnupuri
A B Road, Above Union Bank, Indore – 452001
Contact Details: 0731-4213442 / 4044182

Mobile: 9522222728

www.fintechtrainers.com

Motivation

Vision of SCSIT is to achieve excellent standards of quality education by keeping pace with rapidly changing technologies & create computer professionals of global standards with capabilities of accepting new challenges. SCSIT focuses on imparting technical education to students and all round development of students that can meet the industry's expectations. It is essential to impart practical industry oriented training to the students so as to increase the employabilty. Thus, School of Computer Science & IT, DAVV joined hands with FinTech Trainers Pvt. Ltd. to start skill oriented programs on Big Data and Hadoop.

Workshop Introduction

Growth in data volume has been exponential for more than two decades and will continue to be so. NoSQL and Big Data Technologies have evolved and are constantly changing to catch up with the growth of data.

Market is driving the demand for trained and skilled professionals. By 2018, the United States alone could face a shortage of approx 1,90,000 skilled workers with deep analytical skills.

This workshop will be conducted over three weeks with instructor led classroom sessions, and packed with theory, demonstration as well as practical sessions. It covers the components of Hadoop technology stack, how it all works together, and how to use it for a practical project.

Workshop takes you through the cycle of setup, data ingestion, data processing, analysis and visualization.

This workshop has been designed by specialists with international experience in the data domain and is focused on knowledge sharing, hands on work, and measurable outcomes.

Objectives

- Train students on fundamentals of Big Data and Hadoop.
- Provide an exposure to Big Data and Hadoop platform with hands on exercises.
- Enabling participants to identify the Big Data problem.
- Provide learning for Big Data Analytics with R Programming on Hadoop.

Outcomes

It is expected that student will be able to learn:

- Basic concepts of Big Data and Data Analysis, Hadoop technology stack & R Programming.
- Understanding practical aspects of Data Analytics on Hadoop.

Resourse Persons

1. **Mr. Anidhya Bhatnagar,** Director Medha Innovation & Development Pvt Ltd
2. **Ms. Aeshwarya Bhatnagar,** Hadoop Trainer – FinTech Trainers Pvt. Ltd.
3. **Mr. Mahesh Gupta**, Hadoop Trainer – FinTech Trainers Pvt. Ltd.
4. **Mr. Mahendra Alawa,** Assistant Trainer – FinTech Trainers Pvt. Ltd.
5. **Mr. Sandeep Sahu,** Assistant Trainer – FinTech Trainers Pvt. Ltd.