

**COUNCIL OF SCIENTIFIC AND
INDUSTRIAL RESEARCH (CSIR)**

Sponsored Two-Day National Workshop on

“BIG DATA ANALYTICS”

19th & 20th June 2017

REGISTRATION FORM

Name(in Block Letters) :

Designation & Department :

Organization :

Date of birth & Age :

Qualification :

Experience (in years) :

Address for Communication :

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Office Phone No.:

Mobile No.

E-Mail ID :

Whether Accommodation required: YES/ NO

DECLARATION BY THE CANDIDATE

The given information are true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the workshop for the entire duration.

Place:

Date:

Signature of the candidate

Signature of the Head of the Institution

CHIEF PATRON

Mr.V.S.Balsamy, B.Sc., L.L.B

Chairman

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Vice Chairman

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Dr. J.Maheswaran

Principal

Organizing Committee

CONVENER

Dr.S.Sangeetha, Associate Professor/CSE

CO-CONVENER

Dr.P.Shanthakumar, Professor/IT

BOARDING AND LODGING

Boarding and lodging will be provided to the participants at the College campus based on availability and payment basis.

Registration Fee: Rs. 500/-for Faculty Members & Research Scholars and PG Students

The course fee includes course material, lunch and refreshment. Registration for the Workshop can be made by sending the duly filled-in registration form along with a Demand Draft drawn in favor of **“The Principal, VSB Engineering College”**, payable at **“Karur”** The duly filled application forms are to be sent to:

Dr.S.Sangeetha, Assoc.Prof/CSE , Convener

VSB Engineering college, Karur-639111 ,

Contact numbers:**9962008892/9943190909**

Email:santhan.mca@gmail.com

Important Dates:

Last date for Registration : 12-06-17

Date of Intimation : 14.06.17



CSIR SPONSORED TWO-DAY

NATIONAL WORKSHOP

ON

“BIG DATA ANALYTICS”

19th & 20th June 2017

Organized by



Department of CSE & IT

VSB Engineering College

Karur-639111, Tamil Nadu.



ABOUT THE INSTITUTION

The College is established by V.S.B Educational Trust. VSB Engineering College is an AICTE approved institution, affiliated to Anna University Chennai, and Coimbatore road, and is spread across 32.28 acres of lush green campus with 4,50,000 sq. ft. built-up area. The College is a self-financing, co-educational institution with an objective to afford value-based Technical Education and mould the students for industry requirements. The Institution offers excellent infrastructure, faculty, progressive outlook, high academic standards and record placement.

The best way to predict the future is to invent it. The incredible Institution provides opportunities for a better future.

V.S.B Engineering College strives to achieve academic excellence by futuristic outlook in the fields of Engineering and Technology in a well disciplined environment through commitment and involvement.

DEPARTMENT OF CSE & IT

The Department of Computer Science and Engineering was started in the year 2002 with the objective of imparting knowledge in cutting edge Science Technologies of Computer Science. Ever since the inception of the department, we have been fulfilling the need for technical knowledge. The department has enough technical back ground besides well-equipped computer laboratories to give practical exposure to students.

Active research and study are being done in the field of Data Mining, Network Security, Mobile Computing, Image Processing, etc

The Department of Information Technology was started nearly a decade ago, and it caters to the needs of rural students for getting placements in reputed IT companies.

ABOUT THE WORKSHOP

“BIG DATA ANALYTICS”

The term "big data" often refers simply to the use of predictive analytics, user behavior analytics, or certain other advanced data analytics methods that extract value from data, and seldom to a particular size of data set. The objective of this workshop is to meet out the challenges in architectures to store, and access the Big data, perform analytics on Big data for data intensive applications and to design the algorithms with MapReduce Computing. This workshop aims at bringing the professionals, academicians and research scholars together to share their knowledge for achieving focused development and advancement in the field of BIG DATA. This could help in bringing out the innovative ideas in the field and can be explored to the needs in the computing world. Hands-on training has been crafted on selected real world use cases to showcase leveraging “Data Science with Big Data Analytics”. It also discusses the ongoing projects and different technologies, like business intelligence, cloud computing and databases.

1. Understanding Big Data technologies and Data analytical tools.
2. Understanding various data storage models for big data such as NoSQL, Document storage model and Graph database.
3. Gain competence in Hadoop/MapReduce as a programming model for distributed processing of large datasets.
4. Understanding of Big Data tools through projects Hadoop and Cloud-based analytics.
5. Installing/Configuring a Hadoop Cluster
6. Understanding of Big Data Programming using – Hive and Pig.

RESOURCE PERSONS:

Eminent resource persons from Engineering Institutions & Industry will handle the sessions.

Contents

- Introduction- Big Data, Data Science Basics.
- Big data –Use cases –Social media
- Big Data –Cloud Applications
- Hadoop configurations-hands-on training
- Big Data Programming – Map Reduce using Pig and Hive – Hands on training