



CHIEF PATRON
Thiru P.Sachithamandan,
Correspondent.

PATRON
Dr.N.Raman,
Principal.

CONVENOR
Mr.P.Ramesh,
Head of the Department.

COORDINATORS
Dr.V.Krishnaveni,
Associate Professor.
Dr.K.G.Santhiya,
Assistant Professor.

COMMITTEE MEMBERS

Ms.P.Thenniozhi Assistant Professor
Mr.P.Hayaragu Assistant Professor
Ms.M.Geetha Assistant Professor
Mr.S.Jaganathan Assistant Professor
Mr.T.Velumani Assistant Professor
Ms.R.Pushpalatha Assistant Professor
Ms.K.Gomathy Assistant Professor
Mr.R.Sundar Raj Assistant Professor
Mr.A.R.Kartekeyan Assistant Professor
Ms.S.Gowthami Assistant Professor
Ms.R.Saveetha Assistant Professor
Mr.D.Gopinath Assistant Professor
Ms.V.Manimekalai Assistant Professor

For Further Details Contact :

The Coordinators,
Workshop on Big Data Analytics,
Department of Computer Science(UG),
Kongu Arts and Science College (Autonomous),
Nanjanapuram, Erode-638 107, Tamilnadu,
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TECHNICAL ANNOUNCEMENT BROCHURE

TWO DAY NATIONAL LEVEL WORKSHOP

ON
BIG DATA ANALYTICS



08.01.2016 & 09.01.2016

Organized by

Department of Computer Science (UG)
KONGU ARTS AND SCIENCE COLLEGE
(Autonomous)
ERODE - 638 107, TAMILNADU

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Name :
Designation :
Department :
Organization :
Sex : Male / Female
Educational Qualification :
Address :

Phone No. :
E-mail ID :
Category : Student / Researcher / Faculty / Industry
Need Accommodation: YES/NO

DD Amount :
DD No. & Date :
Bank Name :
Date :
Place : Signature of the Applicant

The participant is a Student / Research Scholar / Faculty of our institution

Head of the Department / Institution

ABOUT THE COLLEGE

Kongu Arts and Science College (KASC) established by The Kongu Vellalar Institute of Technology Trust in the year 1994 is a premier institution committed towards imparting quality education to the young aspirants, thereby fulfilling their divergent needs in the dynamic educational scenario. It is a co-educational institution affiliated to Bharathiar University, Coimbatore and the institution has been accorded autonomous status from year 2015. The institution is already at the pinnacle of glory as the Management turns every promise into commitment. The institution is ISO 9001:2008 certified and also been re-accredited by NAAC. The College offers twenty Under Graduate courses, eight Post Graduate courses, Research Programmes, Add-on Courses and Value Added Courses in various disciplines.

ABOUT THE DEPARTMENT

The Department of Computer Science established in the year 1994 offers B.Sc Computer Science programme. The aim of the Department is to transform the youth into excellent performers by employing Technology-Enabled Learning environment and to incorporate Information Technology associated knowledge. Besides teaching, the department is actively involved in Industrial Consultancy, Training Programmes, Value Added Courses and many Student centric Association activities. The department has also conducted an UGC sponsored add-on course on "Web Technology" with a grant of Rupees Seven Lakhs.

ABOUT THE LOCATION

The college is situated at Nanjanapuram, Erode on the Erode to Perundurai Road about 10 km from Erode and 90 km from Coimbatore. It is well connected by road and rail.

OBJECTIVE

Big data is a collection of large datasets that cannot be processed using traditional computing techniques. Big data is not merely a data, rather it has become a complete subject, which involves various tools, techniques and frameworks.

Hadoop is an open-source framework that allows to store and process big data in a distributed environment across clusters of computers using simple programming models. It is designed to scale up from single servers to thousands of machines, each offering local computation and storage. Apache Hive is a data warehousing infrastructure built over Hadoop which is targeted towards SQL programmers.

The objective of this workshop is to provide expositive sessions on Big Data Analytics using Hadoop Framework. The workshop also focuses to unravel the complete Hive Architecture, Hive Commands, Hive Fundamentals & HiveQL.

PROGRAMME CONTENT

- Key Trends in Big Data Analytics
- Architecture of Hadoop Distributed File System(HDFS)
- Architecture of MapReduce Framework
- Hadoop Single Node Setup
- Understanding Hadoop Configurations and Multinode Setup
- Map Reduce Program Hands on exercises
- Hive Installation and Hands on exercises
- Pig Installation and Hands on exercises
- Additional Big Data Tools

RESOURCE PERSONS

Selvakumar Arumugam
DevOps Engineer
Ashok Kumar R
Software Consultant

END POINT CORPORATION, SQA
Coimbatore Branch

REGISTRATION DETAILS

PARTICIPANTS

- College Students
- Research Scholars
- Faculty Members
- Industry personnel

BOARDING AND LODGING

Accommodation and boarding if required will be provided in the college campus on chargeable basis.

COURSE FEE AND REGISTRATION

Details	Amount
Registration Fee	Rs.200 /- **
Accommodation and Boarding	Rs.100/- per day

**The registration fee includes course material, lunch and refreshment. Demand Draft for the registration fee must be drawn in favour of "The Principal, Kongu Arts and Science College, Erode" payable at Erode.

SCHEDULED DATES

Receipt of scanned filled-in registration forms : 29.12.2015
Intimation of selection through E-Mail : 31.12.2015
Receipt of Demand Draft by Post : 05.01.2016

NOTE

- A Maximum of 70 participants are permissible on the basis of first come first serve
- For additional copies of Registration form, please take photocopy or visit our website
- The Demand Draft has to be sent to the following address:

The Coordinators,
Workshop on Big Data Analytics,
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