

Two Day Workshop on
Big Data Analytics
(BDA-2016)
4th & 5th March 2016

REGISTRATION FORM

Name :

Gender :

Designation :

Institution :

Contact Number :

E-mail-ID :

Communication
Address :

DDNumber :

Date :

Bank Drawn :

Declaration

The above information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the workshop. If selected, I shall attend the workshop for the entire duration. I also undertake the responsibility to inform the Convener in case I am unable to attend the workshop.

Place : Signature of the Applicant

Date :

REGISTRATION FEE

Category	Fee
Research Scholars	Rs. 600/-
Others	Rs. 700/-

Participants are requested to make their own arrangements for their accommodation. During the workshop working Lunch and Snacks will be provided

Important Dates

Last date for Registration: 29-02-2016

Mode of Payment

Payment may be made through DD in favour of “**Thangavel K Coordinator, UGC-SAP**”, Payable at **Salem**. The registration amount may also be deposited in the following account:

❖ Scan copy of the receipt may be sent to the e-mail.

Account Number: **8450101002634**

IFSC Code : CNRB0008450

Branch : CanaraBank

Periyar University, Salem

CONTACT ADDRESS:

Dr. K. Thangavel

Convener, BDA – 2016

Department of Computer Science

Periyar University

Salem – 636 011

Mobile: 94 862 37 009

E-mail: drktvelu@periyaruniversity.ac.in

Two Day Workshop

on

Big Data Analytics
(BDA-2016)



4th & 5th March, 2016



Organized by

DEPARTMENT OF COMPUTER SCIENCE
(Supported by UGC-SAP)

PERIYAR UNIVERSITY

(Re- Accredited by NAAC with 'A'
Grade) PeriyarPalkalai Nagar

Salem – 636 011.

Tamilnadu
India

ABOUT THE UNIVERSITY

The Periyar University was established by the Government of Tamilnadu in the year 1997. The University got the 12(B) and 2f status from the University Grants Commission and has been reaccruited by NAAC with A grade in 2015. The University is named after a great social reformer popularly called ThanthaiPeriyarE.V.Ramasamy. He fought for the cause of protecting and promoting the interest of the oppressed and the downtrodden in India especially in Tamilnadu. One of his missions was to provide equal opportunity for all including the oppressed and the downtrodden in education and employment. Periyar University covers four backward districts namely Salem, Namakkal, Krishnagri and Dharmapuri. The University at present has 24 Departments, five Constituent Colleges and one PG extension centre offering various UG, PG, M.Phil, and Ph.D.programmes.

ABOUT THE DEPARTMENT

The Department of Computer Science was established in the year 2002, with the objective of imparting high quality education in the domain of Computer Science and Applications. The Department received Rs. 54.50 Lakhs for Special Assistance Programme (SAP) from UGC in the year 2011. With rapidly evolving technology and the continuous need for innovation, the Department has always produced quality Professionals, holding important positions in Information Technology industries in India and abroad.

The Department currently offers four academic programmes leading to the award of M.C.A., M.Sc. (CS), M.Phil. and Ph.D. degrees. The mission of the Department of Computer Science is to impart high quality post graduate education and carry out leading edge research in various research areas such as Image processing, Pattern Recognition, Data Mining, Mobile Computing and Bioinformatics.

ABOUT THE WORKSHOP

Big data mining is referred to the collective data mining or extraction techniques that are performed on large sets/ huge volume of data. Big data is an evolving term that describe any voluminous amount of structured and semi-structured and unstructured data that has the potential to be uncovered mined for valuable information. Big data analysis is the process of examining large amount of data of variety of types to uncover hidden patterns, unknown correlations and other useful information. It can be done with software tools commonly used as a part of advanced analytics, disciplines such as predictive analytics and data mining. The objective of this workshop is to understand the challenges in architectures to store, and access the big data, perform analytics on big data, for data intensive applications. This workshop aims at bringing the students, professionals, academics and research scholars together to share their knowledge for achieving focused development and advancement in the field of big data analysis using Hadoop andHive.

TOPIC TO BE COVERED

Module - 1: Fundamentals of Big data

- What is bigdata
- Application of bigdata
- Tools for bigdata

Module - 2: Hadoop

- Concepts of Hadoopframework
- Map- Reduceconcepts

Module - 3: Introduction to Hive

- Components ofHive
- Standard QueryOperations

Hand out session

- Lab Session 1: Installation ofHadoop
- Lab Session 2: Installation ofHive

ORGANIZING COMMITTEE

ChiefPatron	: Prof. Dr. C.Swaminathan Vice Chancellor
Patron	: Dr. M. Manivannan Registrar
Convener	: Dr. K. Thangavel Professor & Head
Members	: Dr. C. Chandrasekar Professor Mr. S. Sathish Assistant Professor Dr. H. Hannah Inbarani Assistant Professor Dr. I. LaurenceAroquiaraj Assistant Professor Dr. R. Rathipriya Assistant Professor

RESOURCE PERSON

Dr.V.Bhuvaneswari
Assistant Professor,
Department of Computer Applications,
Bharathiar University,
Coimbatore-
641046.Tamilnadu-
INDIA.bhuvana-