	Two Day Workshop on <b>Big Data Analytics</b> ( <b>BDA-2016</b> ) 4 <sup>th</sup> & 5 <sup>th</sup> March 2016 <u>REGISTRATION FORM</u>	
Name	:	
l Gender	:	
Designation	:	
Institution	:	
Contact Number	:	
E-mail-ID	:	
Communication Address	:	
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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 theworkshop.		
Place : Date :	Signature of the Applicant	

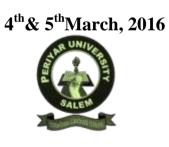
# **REGISTRATION FEE** Fee Category Research Scholars Rs. 600/-Rs. 700/-Others Participants are requested to make their own ¦ arrangements for their accommodation. During the workshop working Lunch and Snacks will be! provided **Important Dates** Last date for Registration: 29-02-2016 Mode of Pavment Payment may be made through DD in favour of 'Thangavel K Coordinator, UGC-SAP". Pavable! 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 <sup>i</sup> IFSC Code : CNRB0008450 Branch : CanaraBank Periyar University, Salem **CONTACT ADDRESS:** Dr. K. Thangavel Convener, BDA – 2016 Department of Computer Science Perivar University Salem – 636 011 Mobile: 94 862 37 009 E-mail: drktvelu@periyaruniversity.ac.in

# **Two Day Workshop**

on

Big Data Analytics (BDA-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 Perivar 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 reaccredited 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. Perivar University covers four i 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 anv voluminous amount of structured and semistructured 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 and Hive.

## **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 of Hive
- Standard QueryOperations

#### Hand out session

- Lab Session 1: Installation of Hadoop
- Lab Session 2: Installation of Hive

## ORGANIZING COMMITTEE

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	ChiefPatron	: <b>Prof. Dr. C.Swaminathan</b> Vice Chancellor	
	Patron	: Dr. M. Manivannan Registrar	
	Convener	: Dr. K. Thangavel Professor & Head	
	Members	<ul> <li>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</li> </ul>	
	RE	SOURCE PERSON	
	<b>Dr.V.Bhuvaneswari</b> Assistant Professor, Department of Computer Applications, Bharathiar University, Coimbatore- 641046.Tamilnadu- INDIA.bhuvana-		