



## **ABOUT THE COLLEGE**

Dhanalakshmi Srinivasan Engineering College (DSEC) is the fruit of dedicated efforts of Shri.A.Srinivasan, Chairman of Dhanalakshmi Srinivasan Charitable and Educational Trust, Perambalur. Our College is committed to achieve recognition as Institution of Excellence by consistently providing quality education in the field of Engineering, Technology and Management with professionalism and global outlook ensuring continual improvement. DSEC currently offers 8 UG & 8 PG programmes in Engineering and Technology. In recognition of our commitment to quality education, the globally renowned British Standards Institution (BSI), London has conferred our college with **ISO 9001: 2008 Certification** in November 2009. Our college is **Accredited with 'A' grade by NAAC** since March 2015.

## **ABOUT THE DEPARTMENT**

The Department of Computer Science and Engineering (CSE) was established in the year

2001 with the mission and vision to educate students from all over India and other countries including those from rural area, so that they become individuals, enlightened improving standards of their families, Industries and society. The department has qualified and experienced staff members, well equipped with 4 modern computer labs with reliable Internet connection with 16 Mbps bandwidth and Wi-Fi Internet facility is also provided. The department is accredited by NBA.

## **COURSE OUTLINE**

### **Workshop Description**

The hands-on workshop on "Big Data Analytics using Weka" aims at providing sufficient practical training on Big Data Technology using Weka.

### **Learning Objectives**

- ❖ Introduction to Huge Data Sets and Big Data Analytics.
- ❖ Learn Big Data technology vs. data warehouse.
- ❖ Key role of Machine Learning Algorithms in Big Data Analytics.
- ❖ Data mining algorithms in Big Data Analytics.
- ❖ Introduction and Installation of Hadoop.
- ❖ How to analyze unmodelled, multi-structured data using Hadoop.
- ❖ Use of WEKA for data mining

## **Workshop Schedule**

### **Session 1 :**

- Text mining and social analytics using Weka
- Introduction to Big Data Analytics and Weka
- Big Data Analytics using Weka
- Associating Hadoop and Weka modules

### **Session 2 :**

- BIG DATA stream mining using MOA
- Text mining and social analytics using Weka

## **Resource Person**

**Dr. S. KANNIMUTHU,**

**Computer Science And Engineering  
Department,**

(Associate Professor)

Karpagam College of Engineering,  
Coimbatore.

**DHANALAKSHMI SRINIVASAN  
ENGINEERING COLLEGE**  
PERAMBALUR-621212  
**DEPARTMENT OF COMPUTER SCIENCE AND  
ENGINEERING**

**REGISTRATION FORM**

One Day National Level Technical Workshop

On

**Big Data Analytics using Weka**

17<sup>th</sup> August, 2015

Name :  
Qualification :  
Designation :  
Department :  
Name of the  
Institution/  
Industry :  
Address :  
Email ID :  
Phone No :  
Signature of the  
Applicant :  
Signature of the  
HOD :  
Date :  
Station :

(Photo copy of the registration form may be used,  
if required)

**Date to Remember**

- ❖ Last date for registration  
& Confirmation through mail: 14/08/2015.
- ❖ Participants can avail college bus facility for  
conveyance to reach the college.
- ❖ Registration fee should be paid at the time of  
workshop.

**Registration Fee**

Students : Rs.250/-  
Academic staff : Rs.300/-  
Industry participants : Rs.350/-

**For Communication:**

The Coordinator,  
Department of Computer Science and Engineering,  
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**DHANALAKSHMI SRINIVASAN  
ENGINEERING COLLEGE**

(Approved by AICTE, New Delhi & Affiliated to  
Anna University Chennai,  
Accredited with 'A' grade by NAAC &  
An ISO 9001:2008 Certified Institution)  
Perambalur - 621 212,  
Tamil Nadu.



Association Inauguration &  
One Day National level  
Technical Workshop

On

***Big Data Analytics using  
Weka***

On

**17th August, 2015**

**Organized by**

**Department of Computer Science and  
Engineering**