ABOUT OUR INSTITUTION

Krishnasamy College of Engineering and Technology was established in the year 2001 by the eminent surgeon of cuddalore, Dr. K. RAJENDRAN in the fond memory of his beloved father Sri Krishnasamy Reddiar, a well known Philanthropist. The College has completed seventeen years of dedicated and excellent service in the field of technical education, with the sole motto of *"EDUCATION, DISCIPLINE and EXALTATION".* The College offers Five UG and Three PG programmes all being approved by AICTE and affiliated to Anna University. The College has well equipped laboratories and computing facilities and a library with over 50,872 volumes of books on various disciplines of Engineering.

ABOUT OUR DEPARTMENT

The Department of Computer Science & Engineering was started in the year 2001 and has good infrastructure facilities and experienced faculty members. The Department is equipped with 8 computer Laboratories with High-End Servers, 350 CORE 2 DUO workstations. The Department has consistently maintained high level of academic and research standards. The students are groomed with communication and soft skills so as to create multifaceted personality and to take up a challenge in the competitive IT Environment.

Courses Offered:

- ❖ B.E. - Computer Science and Engineering
- ❖ M.E. - Computer Science and Engineering

OBJECTIVE

To expose the Faculty / Research Scholars / Students in emerging technologies in the areas of Data Science & analytics. This workshop provides practical foundation level training that enables immediate and effective participation in Big Data and Data Science and other Analytics projects using Weka and Spark. Participants will develop a basic understanding of the principles of machine learning and derive practical solutions using big data analytics. We will also examine why algorithms play an essential role in Big Data analysis.

This workshop aims to provide an exposure of Big Data Analytics using Weka tool and Spark Engine. Various modern algorithms under big data analytics will be explained and demonstrated with Weka during the workshop. Candidates will apply these algorithms on example data sets to obtain the results. Further, these results can be visualized and validate using Weka tool.

COURSE OUTLINE

- ❖ Introduction to Big Data Analytics and Spark
- ❖ Overview of Weka Tool
- ❖ Integrating Weka with Spark
- ❖ Data Pre-processing
- ❖ Association Rule Mining
- ❖ Classification Analysis
- ❖ Cluster Analysis
- ❖ Numeric Prediction
- ❖ Data Visualization
- ❖ Case Studies

REGISTRATION DETAILS

Fees to be paid:

UG Student	Rs. 300
PG Student / Research Scholars / Faculty	Rs. 500

The number of participants limited to 50. The participants will be selected based on first come first served basis.

The registration fee can be paid in the form of a Demand Draft, drawn in favor of "The Principal, Krishnasamy College of Engineering and Technology", payable at Cuddalore.

Send the filled scanned copy of the registration form to the Email-Id given below.

Visit our college website to download the registration form.

IMPORTANT DATES

Last Date for Registration
(through email)   : 20.08.2018
Date of Intimation of Selection
(through email)   : 22.08.2018

E-mail   : **kcetcseevents@gmail.com**

REGISTRATION FORM

Name :

Designation :

Institution Name : :

Address for :
Communication

Contact Number :

Email-Id :

Category

Student ☐

Research Scholar ☐

Faculty ☐

Delegate from Industry ☐

Payment Details

Amount :

DD Number :

Bank :

Date :

Date :

Place :   **Signature**

(Signature with seal of the Institution Head)

ORGANIZING COMMITTEE

Chief Patrons   Dr. K. RAJENDRAN,
Chairman.
Mrs. R. BHUVANEESWARI ANAND,
Executive Officer.

Patrons   Dr. T. SHANMUGAVADIVEL,
Principal.
Dr. K. RAGHU,
Vice Principal.

Convener   Ms. C. REIKHA,
HOD / Assistant Professor in CSE,

Coordinator   Mr. V. GOPIKRISHNAN,
Assistant Professor in CSE.

ADDRESS FOR COMMUNICATION

The Convener,

Department of CSE,

Krishnasamy College of Engineering & Technology,

Anand Nagar, Nellikuppam Main Road,

S. Kumarapuram, Cuddalore - 607 109,

TamilNadu, India.

Phone   : (04142) 285 601 - 604.

Fax   : (04142) 290 394

Mobile   : 7598396350
            9789867648

E-mail   : kcetcseevents@gmail.com

ONE DAY WORKSHOP

ON

BIG DATA ANALYTICS USING WEKA TOOL INTEGRATING WITH SPARK FRAMEWORK

25th August 2018

Organized by

Department of Computer Science & Engineering

KRISHNASAMY

COLLEGE OF ENGINEERING AND TECHNOLOGY
Anand Nagar, Nellikuppam Main Road,
S. Kumarapuram, Cuddalore - 607 109.

www.kcet.in