

Target Objective:

To motivate researchers and academicians to develop better Computational tools to analyze and catalog the available enormous research dataset in order to enable data driven research. To provide a platform to understand advanced data analysis tools to follow new paths, try new techniques, build new model that facilitate innovative multidisciplinary/Interdisciplinary activities.

Registration Details

Participants are requested to register by filling in the registration form and sending the same to the Organizing Coordinator.

Registration Form can be downloaded from the **website**.

Registration Fee:

Faculty Members & Researchers: ₹ 750/-

PG Students: ₹ 500/-

Registration fee should be sent in the form of Demand Draft drawn in favour of

“K.L.N.College of Engineering”, Payable at Madurai.

Important Date

Last date for Registration: **28.09.2015**

Accommodation

Accommodation for Pre-Registered participants can be arranged in the hostel on request. The participants will have to bear the expenses. The participants should clearly indicate their requirements in Registration Form.

Organizing Committee

Chief Patron:

Er. K.N.K.Karthik.,B.E.,
President / K.L.N.C.E

Dr. K.N.K.Ganesh.,B.E.,Ph.D(Hons).,
Secretary & Correspondent/K.L.N.C.E

Chairman:

Dr.A.V.Ram Prasad, M.E., Ph.D.,
Principal/K.L.N.C.E

Convener:

Dr. MR.Ilango,M.C.A.,M.Phil.,Ph.D
Director/MCA

Coordinator

Mrs.M.S.C. Sujitha, M.C.A.,M.E.(CSE)
AP/MCA

Co-Coordinator

Mrs.P.Shyamala, M.C.A.,M.E.(CSE)
AP/MCA

Address for Communication

The Coordinator,

FDP on Data Mining Tools,

Department of M.C.A.

Accredited by NBA, New Delhi

K.L.N.COLLEGE OF ENGINEERING

POTTAPALAYAM – 630 612.

Sivagangai District.

Contact:

Mobile No. : 9488248618
9894965756

E-Mail : dataminingfdp15@gmail.com



**Two Day
Faculty Development**

Programme

On

DATA MINING TOOLS

RAPID MINER, WEKA, ORANGE

30th September & 1st October 2015

Organized by

Department of M.C.A.

Accredited by NBA, New Delhi

Convener

Dr. MR.Ilango, Director/M.C.A

Coordinator

Mrs.M.S.C. Sujitha, AP/M.C.A

Co-Coordinator

Mrs.P.Shyamala, AP/M.C.A

K.L.N.COLLEGE OF ENGINEERING

(An ISO 9001:2008 Certified Institution)

POTTAPALAYAM – 630 612.

Sivagangai District.

Website: www.klnce.edu

About the Institution

K.L.N. College of Engineering is the First Self-Financing Co-educational Engineering College in Madurai, started in 1994 by Munificence of Philanthropists and well-wishers in Sourashtra Community which is a linguistic minority in TamilNadu. This college is sponsored by the committee of eminent industrialists and academicians led by enthusiastic, educationalist and industrialist Amaran Thiru. K.L.N.Krishnan. This college has the approval of All India Council for Technical Education, New Delhi and is affiliated to Anna University, Chennai.

This college is an ISO 9001:2008 certified Institution. The college is located in a tranquil environment about 11 km from Madurai city. Our mission is to promote the institution to high standards in teaching and research.

About the Department

The department of M.C.A. was started in 1998. We have experienced and erudite faculty members. Our department is well equipped with latest computer systems and an Internet connection via Micro Wave Link with a capacity of 30 Mbps. MCA department was accredited in the year 2007 and Reaccredited in the year 2013. Our faculty members contribute vital role in academic research.

Additional training like INFOSYS campus connect and effective placement training are given to M.C.A Students.

About the FDP

Introduction:

Data mining (DM) or knowledge discovery in databases(KDD) is an interdisciplinary area that integrates techniques from several fields including machine learning, statistics, and database systems, for the analysis of large volumes of data.

Data mining tools predict future trends and behaviors, allowing businesses to make proactive, knowledge-driven decisions. The automated, prospective analyses offered by data mining move beyond the analyses of past events provided by retrospective tools typical of decision support systems. Data mining tools can answer business questions that traditionally were too time consuming to resolve. They scour databases for hidden patterns, finding predictive information that experts may miss because it lies outside their expectations.

RAPID MINER:

Rapid Miner is one of the world-leading open-source systems for data mining solution, due to the combination of its leading-edge technologies and its functional range. Applications of Rapid Miner cover a wide range of real world data mining tasks. It serves as a stand-alone application for data analysis and as a data mining solution for researchers and industries. A huge amount of visualization techniques and the possibility to place breakpoints after each operator gives insight into the success for running experiments.

ORANGE:

Orange is a general purpose machine learning and data mining tool featuring a visual programming front end for explorative data analysis and visualization, and Python bindings and libraries for scripting. It includes a set of components for data preprocessing, feature scoring and filtering, modeling, model evaluation, and exploration techniques.

WEKA:

Weka is a collection of machine learning algorithms for data mining tasks. The algorithms can either be applied directly to a dataset or called from your own Java code. Weka contains tools for data preprocessing, classification, regression, clustering, association rules, and visualization.

TOPICS TO BE COVERED:

- Trends in Data Mining
- Recent Data Mining Algorithms
- Overview of Data Mining Tools
- Hands on Training using



Resource Person

Eminent Resource Persons from Government & premier Educational Institutions.

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POTTAPALAYAM-630 611.

Two Day
Faculty Development Programme
On

DATA MINING TOOLS

RAPID MINER, WEKA, ORANGE

30th September & 1st October 2015

REGISTRATION FORM

Name of the participant (Faculty/Student) : _____

Faculty Designation / Year of Student : _____

Gender : Male Female

Name of the institution : _____

Department : _____

Address for Communication : _____

Phone/Mobile : _____

Email : _____

FEE DETAILS

DD No & Date : _____

Bank : _____

Amount (Rs.) : _____

Accommodation Required : YES / NO

Date:

Signature

Note:

1.Last date for registration: 28-09-15

2. Scanned Copies of Registration Form & DD should be mailed to dataminingfdp15@gmail.com to avoid any postal delay.

3. For Spot Registration contact: Mrs.M.S.C.Sujitha – 9488248618 / Mrs.P.Shyamala - 9894965756