

**Two days Workshop  
on  
IT6711 Data Mining Laboratory**

**28<sup>th</sup> & 29<sup>th</sup> JUNE, 2016**

**REGISTRATION FORM**

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Dr. K.N.K.Ganesh, Secretary & Correspondent,  
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Shri.G.R.Radhakrishnan, Joint Secretary, KLNCIT

Program Chair:

Dr.J.S.Gnanasekaran, Principal

**ORGANIZING COMMITTEE**

Dr.S.Appavu alias Balamurugan, HOD/IT, Convener

Mr.M.Devendran, Assistant Professor, IT, Coordinator

Mr.M.Venkatesh, Assistant Professor, IT, Coordinator

**Resource Persons**

Dr.J.Alamelu Mangai,

Presidency University, Bangalore.

Dr. S.Appavu alias Balamurugan,

Head, Department of IT, KLNCIT

Dr.S.Sasikala,

Associate Professor- IT, KLNCIT

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Organized by  
Department of Information Technology

Convener  
Dr.S.Appavu alias Balamurugan, ME., PhD.  
Professor & Head / IT

Co-ordinators

Mr.M.Devendran, M.E.  
Assistant Professor/IT

Mr.M.Venkatesh ,M.Tech  
Assistant Professor/IT



K.L.N. College of Information Technology  
Accredited by NBA-AICTE for  
B.E-CSE,ECE&B.Tech-IT Branches  
(An ISO 9001:2008 Certified Institution)  
Pottaalayam - 630 612.

## ABOUT THE COLLEGE

K.L.N. COLLEGE OF INFORMATION TECHNOLOGY is the first Engineering College on Information Technology in Madurai, started in the year 2001 by the munificent of philanthropists and well-wishers in the Sourashtra Community, which is a linguistic minority in Tamil Nadu. The Institution is approved by A.I.C.T.E., New Delhi and is affiliated to Anna University. The Department of Computer Science Engineering, Electronics and Communication Engineering and Information Technology are accredited by AICTE-NBA. The Institution is an ISO 9001-2008 certified for its quality educational management. The college offers 5 UG Programs in Engineering and Technology and 4 PG programs. An AICTE Grant of ₹ 8.5 lakhs was sanctioned under MODROBS scheme for the modernization of Advanced Computing Lab. Interaction with Industry and other renowned institutions is carried out for mutual mobilization of technological ideas. The institution has MOU with IBM, Infosys and associated with Professional bodies like IETE, ISTE, IEEE, EDC, ACM, and CSI.

## ABOUT THE DEPARTMENT

Information Technology Department was started in the year 2001 and currently offers B.Tech and M.Tech.(IT) programs. Highly dedicated and well qualified team of faculty members in the Department having considerable academic and research experience are striving their best to provide quality education.

Key Achievements:

1. Anna University Research Centre
2. Centre of Excellence in Advanced Data Science Research

## OBJECTIVE

The aim of this workshop is to share ideas on Data mining Laboratory. This Workshop has a focus on the frontier topics and novel tools used in Data Mining, based on the new curriculum and syllabus of Anna University, Chennai. This workshop provides academicians, teachers and students community to make exposure on modern tool usage which will benefit for their laboratories and research projects.

## COURSE CONTENTS

- Creation of a Data Warehouse.
- Apriori Algorithm.
- FP-Growth Algorithm.
- K-means clustering.
- One Hierarchical clustering algorithm.
- Bayesian Classification.
- Decision Tree.
- Support Vector Machines.
- Applications of classification for web mining.
- Case Study on Text Mining or any commercial application

## Key Features of Workshop:

- Conceptual view of WEKA and RapidMiner.
- Dataset Preparation.
- Feature Selection Methods.
- Classification, Clustering and Association Analysis.

## Important dates (Last dates)

Last date of registration through E-mail with DD details : 15 -06-2016  
DD (by courier) : 22-06-2016

## Registration Fee:

Students : ₹ 500/-

Research Scholars &

Academicians : ₹ 750/-

The registration fee should reach convener on (or) before the due date. The registration fee is to be paid through Demand Draft drawn in the favor of "The Principal, K.L.N COLLEGE OF INFORMATION TECHNOLOGY", payable at Madurai.

## Address for Correspondence

The Convener,

Two days workshop on Data Mining Laboratory,

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