

## ABOUT SKCET

Sri Krishna College of Engineering and Technology was established in the Golden Jubilee year of Indian Independence 1998. Within a short span of 11 years, the college has carved an everlasting niche in the field of Technical Education. Our Mission is to impart highest quality technical education, provide impetus to research and development, foster innovation in the technological growth, encourage entrepreneurship and strive to solve problems of mankind. The institution has an excellent library with an area of 55,000 Sq.ft with international standard. To promote research activities, the college has a separate R &D cell. The college has excellent computing facilities with 8 Mbps (1:1) leased line Internet connectivity. Sri Krishna College of Engineering and Technology is located in an unperturbed atmosphere in the Manchester city of South India, the Coimbatore. Situated at the foot hills of Nilgiris, Coimbatore is known for its pleasant climate, peaceful atmosphere, cosmopolitan outlook and private enterprise. Sri Krishna College of Engineering and Technology is situated amidst the mountains and valleys on the Palakkad road. It has a very good infra structure and State of the art computing facilities.

## ABOUT THE IT DEPARTMENT

The department has strong commitment to provide high quality education in the fields of Information Technology and Communication to tomorrow's technocrats and software professionals through quality teaching. The department is committed to provide the state-of-art computer education. This is achieved by having latest computer hardware and software to train the students in the industry needed skills. The department is also accredited by NBA-AICTE. Our staff members have specialization in the areas like Data Mining & Data warehousing, Mobile Computing, Wireless Networks, Sensor Networks, Soft Computing, Multimedia Networks etc. The placement record of the department is phenomenal. Our students

are recruited by companies like TCS, Infosys, WIPRO, HCL and L & T InfoTech.

## ABOUT THE WORKSHOP

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.

Microsoft SQL Server 2008 empowers informed decisions with predictive analysis through intuitive data mining – seamlessly integrated within the Microsoft Business Intelligence platform and extensible into business applications.

SQL Server 2008 builds multiple, incompatible mining models within a single structure; apply model analysis over filtered data; query against structure data to present complete information, all enabled by enhanced mining structures. The software can be used to identify and handle anomalies during data entry or data loading to improve the quality of information.

Weka Workbench is a collection of state of the art machine learning algorithms and data processing tools. It is written in java and available for Linux, Windows and Macintosh platform. There are four modes through which one can use Weka such as Explorer, Knowledge Flow, Experimenter and Simple CLI. Weka contains tools for data pre-processing, classification, regression, clustering, association rules, and visualization. It is also well-suited for developing new machine learning schemes.

This workshop will present DM in a very accessible form: as an introduction to the next generation of practitioners and researchers. Four classical types of DM tasks will be covered such as Classification, Clustering, Association Rule Mining and Regression.

On completion of the course Participants & Research Scholars will be able to

- Understand the theoretical underpinnings of the main data-mining algorithms.
- Assess raw input data, and process it appropriately to provide suitable input for a range of data

mining tools in Microsoft SQL Server 2008 and Weka.

- Critically evaluate and select appropriate data-mining tool (algorithm, model) and be able to apply them, interpret and report the output appropriately.
- Apply the ideas from the workshop to proceed in the right direction for their research work using benchmark synthetic datasets from UCI, IBM & also on Real time datasets.

## RESOURCE PERSONS

The various sessions will be handled by expert academicians, competent and experienced personnel from industries.

## ELIGIBILITY

Regular faculty from AICTE approved Engineering colleges, research scholars, PG & UG students and participants from industries are eligible to attend this programme.

## REGISTRATION FEE

### For Teaching staffs:

Attending Workshop : Rs.500/-  
Accommodation : Rs 200/-

### For Student participants & Research Scholars :

Attending Workshop : Rs.300/-

### For Industrial participants:

Attending Workshop : Rs.1000/-  
Accommodation : Rs 200/-

**(Demand Draft to be drawn in favour of The Principal, Sri Krishna College of Engineering and Technology, payable at Coimbatore)**

## SCHEDULED DATES

Last date for receipt of application : 23.09.2011  
Intimation of Selection through e-mail : 26.09.2011

**SRI KRISHNA COLLEGE OF  
ENGINEERING AND TECHNOLOGY  
Coimbatore - 641 008**

Department of Information Technology

**Two days National Level Workshop on Data Mining  
using SQL Server 2008 and WEKA**

(29 & 30 September 2011)

**REGISTRATION FORM**

Name :  
Designation:  
Gender :  
Department:  
Address for Communication:  
.....  
.....  
.....  
.....  
Email :  
Phone (Off):  
Mobile No :  
Accommodation required? : YES NO  
Registration Fee

(Demand Draft to be drawn in favour of The  
Principal, Sri Krishna College of Engineering and  
Technology, payable at Coimbatore)

DD No: ..... Date: .....  
Name of the Bank: .....  
Amount: Rs.....

Date: Signature of Participant

Signature of HOD/Principal

**ACCOMMODATION**

Accommodation can be arranged only for faculty members and industrial participants in the Student Hostels of the College on request. Delegates are however free to make their own arrangements for accommodation in Coimbatore where good hotels are available with affordable tariff rates.

**ORGANIZING COMMITTEE**

Dr. N.K. Karthikeyan,  
Professor & Head,  
Dept. of Information Technology, SKCET

**Organizing Secretaries**

Mr. S. Shankar and  
Mr. S. Kannimuthu  
Dept. of Information Technology, SKCET

***Application form completed in all respects  
along with the DD is to be sent on or before  
23.09.2011 to***

**Mr. S. Shankar/ Mr. S. Kannimuthu  
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Sri Krishna College of  
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Web Site: www.skcet.ac.in**

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**TWO DAYS NATIONAL LEVEL WORKSHOP  
ON  
DATA MINING USING SQL SERVER 2008  
AND WEKA**

**September 29 - 30, 2011**

**Organized by**

**Department of Information Technology**



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