

ABOUT DAVIET

DAV Institute of Engineering & Technology, Jalandhar established in the year 2001 under the aegis of DAV College Managing Committee. The institute is approved by AICTE and is the first degree level Engineering Institute started by the DAV College Trust and Management Society. The DAV College Trust and Management Society is the largest non-government educational organization in India managing a chain of 700 institutions in India and abroad. The institute is located in the heart of city on a prime piece of land adjacent to DAV College, Jalandhar on the left side of Jalandhar-Amritsar National Highway.

The institute is facilitated with the best state of art infrastructure and has a 1200 capacity centrally air conditioned auditorium/ multi purpose hall, 250 seater convention hall, seminar halls, conference rooms, group discussion rooms besides E-classrooms all equipped with audio-visual aids.

ABOUT WORKSHOP

This workshop will provide a hand on practical experience on LaTeX and is one of its first kind in the state of Punjab. LaTeX is a document preparation system for high-quality typesetting. It is most often used for technical or scientific papers writing for journals by researchers, engineers and mathematicians at large. The typesetting system offers programmable writing features and extensive facilities for automating most aspects of typesetting. The various features of LaTeX are

- ★ Typesetting journal articles, technical reports, books and slide presentations.
- ★ Control over large documents containing sectioning, cross-references, tables and figures.
- ★ Typesetting of complex mathematical formulas.
- ★ Advanced typesetting of mathematics with AMS-LaTeX.
- ★ Automatic generation of bibliographies and indexes.
- ★ Multi-lingual typesetting.
- ★ Inclusion of artwork, process or spot colour.
- ★ Using PostScript or Meta font fonts.

WORKSHOP OBJECTIVE

Workshop aims to facilitate participants to use modern tools and techniques for medium-to-large Technical or Scientific document writing.

ABOUT CSI

Computer Society of India(CSI) had been formed in 1965 and working as a informative and technological guide in the rapidly changing IT industry. Today the CSI has 66 chapters all over India, 381 student branches and more than 40,000 members. The mission of the CSI is to facilitate research, knowledge sharing, learning and career enhancement for all categories of IT professionals.

DAVIET is a institutional member of CSI and started CSI student chapter in the institute with 150 students members. Under its aegis we have organized various technical events for students, now this workshop is a another step forwards to achieve the objectives of CSI.

ABOUT OSUM

The Open Source University Meet up (OSUM) is a global community of students supported by SUN Microsystems that are passionate about Free and Open Source Software (FOSS). The community provides a platform for young and motivated ideas to share and spread the message of “free” software movement around the world.

DAVIET is one of the student members of widely spread OSUM community and is consistently organizing events to promote the open source tools and technologies in its campus.

RESOURCE PERSON

MR. D. VENU GOPAL
BANARAS HINDU UNIVERSITY
BANARAS

WORKSHOP COURSE CONTENTS

Lecture - 1

History & Brief Introduction of TEX/ LATEX, development of TEX/LATEX, Installation and IDEs best suited for TEX/LATEX.

Lecture -2

Creating a basic document, what is document class, advantages, environments, various commands for customizing the page layout, typing conventions, reserved characters, special characters etc.

Lecture -3

TEX/LATEX in the realm of Unix/Linux/Mac OS.

Lecture -4

Handling bibliography in LATEX, creating bibliographic databases, tools for creating bibliographic databases using JabRef/WBibdib software.

Lecture -5

Typing mathematics in LATEX, conventions, how to type inline and displayed equations, the equation, equation array environments. The amsmath and other packages.

Lecture -6

The TeX Directory System, how to search for packages, CTAN, downloading and installing packages and documentation available.

Lecture -7

Displayed text, various types of lists - enumerate, itemize, quotes, customizing enumerated lists.

Lecture -8

Inserting figures in LATEX documents. Supplementary software for creating figures.

Lecture -9

Creating ones own macros, changing the formats, etc.

ACCOMMODATION

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

DAVIET

DAV Institute of Engg. & Technology, Jalandhar

Three Days Workshop on
"Learning Effective Document Writing Using La.Tex"

April 8-10, 2010

REGISTRATION FORM

Name

Designation

Department

Organisation

Highest Qualification

Experience

Publication Details : Journals Conference

Address for Correspondence

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Phone / Mobile :

Fax No. :

E mail ID :

Accommodation required : Yes No

Details of Registration Fee :

Amount DD No.

Bank Dated

Place :

Date : Signature

- Note :**
1. Registration Form & Brochure can also be downloaded from the website - www.davietjal.org
 2. Scanned Copies of Registration Form & DD should be mailed to latex2010@davietjal.org to avoid any postal delay.
 3. No TA/DA will be paid for attending the workshop

REGISTRATION FEE

Category	Fee
1. Person from Industry	Rs. 1000/-
2. Person from Academia (a) Faculty (b) CSI Members/Research Scholars	Rs. 800/- Rs. 500/-

- ◆ Registration fee is to be paid through a Demand Draft in favour of "DAV Institute of Engineering & Technology" payable at Jalandhar.
- ◆ The Workshop fee includes a registration kit, resource material, three days lunch and refreshment.

IMPORTANT DATES

Last Date of Registration 31st March, 2010

ORGANIZING COMMITTEE

Chief Patron	Prof. C.L. Kochher, Regional Director
Patron	Dr. A.S. Arora, Principal
Convener	Mr. Dinesh Kumar, HOD (IT)
Co-Convener	Mr. Palvinder S. Mann
Organizing Secy.	Mr. Rajeev Kumar
Executive Members	Mrs. Manju Sharma Mr. Dinesh Gupta Ms. Saru Chopra Mr. Sahil Saroop Ms. Shelza Kapur Mr. Rajesh Kochher Mr. Chandan Puggal Ms. Noopur Arora

ADDRESS FOR CORRESPONDENCE

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DAV Institute of Engineering & Technology, Jalandhar

Three Days Workshop
on
Learning Effective Document Writing
Using LaTex

April 8-10, 2010



Organised by :

Department of Information Technology
DAV Institute of Engineering & Technology
Kabir Nagar, Jalandhar

In Association With



DAVIET Student Chapter Branch



Open Source University Meetup