A REPORT ON

WORKSHOP ON Latex (2018) Even Semester

By Department of Computer Engineering, PGI

Workshop on Latex				
Dates: 05/01/2018 (Day 1) 17/01/2018 (Day 2)	Year	Time		
	IIIrd Year	12:10 to 3:00 PM		
		1:00 to 3:00 PM		
Venue: ACG-13B (High-Tech Lab)	Year: III			
Expert Faculty:	Mr. Sumit Mathur	Registered Students: 38/45		
Mode of Workshop: Presentation and Hands on Practice Mode	Present Students: 38/45			

Objective: In Latex Workshop all students will learn to:

- Gain the knowledge about documentation on open source tool.
- Participants was developed a basic understanding of Latex.

Outlines of the workshop:

DAY1 (Saturday): 06-01-2018

- What is Latex ?

- Why should we use Latex.

- Latex Installation and Environment Setup.

- Resume Writing

- Report Writing

- Paper Writing

- Presentation Preparation

DAY2 (Wednesday):17-01-2018

- Working with templates of IEEE.

Feedback from Students: Students experienced a special hands on practice learning session through which they got a better understanding of Latex tool and applications for it. Students understood the importance of Latex. The content delivery was as per the needs of every student along with the huge interaction..

Workshop Output: Every student edited IEEE research paper on Latex and gain how to insert image, sub images, equation, table, cross reference in research paper. Now they can insert all these confidently in any kind of latex format of IEEE, Elsevier and Springer.
Also they learn how to make resume in different Latex format. We also used sharelatex.com to use online tool for perform all above mentioned operation.

Conclusion: The Department of computer Engineering of Group of Institutions, Jaipur has organized a "ISTE sponsored workshop on Latex" . The aim was to provide hands on practice to the students on the aspects of doing documentation work on open source, scientific tool. This workshop targets those students who are not at all familiar with Latex. Mr. Sumit Mathur was the trainer of this workshop.

ABOUT THE COLLEGE

PGI has established itself as an excellent destination for technical education and preferred center for learning. PGI is providing an environment that stimulates and develops the ability of every student to his highest potential. This campus is dedicated to Core Engineering runs four specializations of engineering (CE, ECE, ME & Civil) at UG level.

HIGHLIGHTS

- Pioneer to have Civil Engineering in PGC.
- Architecturally designed building and fascinating landscape.
- National Service Scheme for students.
- Entrepreneurship Development Cell for motivating students.
- Organized Entrepreneurship Awareness workshop by E-Cell, MNIT.
- Live Project Demonstrations like Hulk, T-8 Strom etc. on Jaipur Roads

ABOUT THE DEPARTMENT

The Department of Computer Engineering has an organizational structure that can respond dynamically to the evolution in IT and ICT, and its research fields are closely related. Also, the department of Computer Engineering is unique in that it conducts a wide range of real time projects from very junior classes and motivate students to learn from basics and applied cross-disciplinary research as well. The department has following vision :

*"To establish as a department of **quality education and innovative ideas** that prepares professionals who serve as a valuable resource for industry and bring social development with rapid adoption to new technologies."*

CHIEF PATRON
Dr. S.M. Seth
Chairman (Emeritus)

PATRON

Mr. Shashikant Singhi
Chairman, PF

Mr. Pankaj Dhemla
Director, PGI

PROGRAM CHAIR

Mr. Manish Bhardwaj
HOD CE., PGI

Coordinators

Mr. Sumit Mathur
Ms. Shobhana Kashyap

Student Co-ordinators

Sukhminder Singh , Pranit Singh

Venue

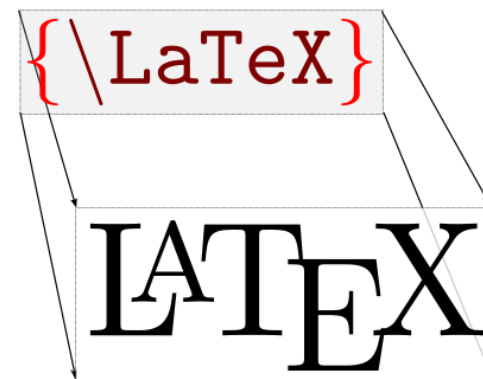**ACG 13B(High-tech Lab)**

The written word is the greatest sacred documentation."

– Lailah Gifty Akita

Workshop on LaTeX

5 & 17 January 2018

In Association With

Organized By

Department of Computer Engineering

ABOUT THE WORKSHOP

LaTeX is a document preparation system. LaTeX is a high-quality type setting system; it includes features designed for the production of technical and scientific documentation. LaTeX is available as free software .

The workshop primarily meant for all researches in various discipline . Any researchers need to bring out the quality of research work by publisher his or her papers in peer reviewed journals. Most of the peer reviewed journals require the paper to be submitted in Latex format. LaTeX provides a facility for portable document format (pdf) and post script (ps) type of output.

Trainer :- Mr.Sumit Mathur
      (Asst. Porfessor , PGI)

ELIGLIBILITY

IIIrd Year students of CSE branch.

PREREQUISITE

- Basic knowledge of MS word which is a look alike of LaTeX.

HOW TO APPLY

Students should register through Google form, and deposit Rs.100(Refundable)

INFORMATION OF SELECTION

List of selected students will be emailed.

WORKSHOP VENUE

ACG 13B(High-tech Lab)

TOPICS TO BE DISCUSSED

DAY (5th January,2018)

- A brief introduction about LaTeX.
- What is LaTeX ?
- Why should we use LaTeX.
- Latex Installation and Environment Setup.
- Working with templates of Springer, Elsevier, IEEE.
- Paper Writing
- Assignment

DAY 2 (17th January,2018)

- Resume Writing
- Presentation Preparation
- Assignment

SCHEDULE OF THE WORKSHOP

DATE	TIME
5th January 2018	12.10 PM to 3.00 PM
17th January 2018	12.10 PM to 2.00 PM

OBJECTIVE OF WORKSHOP

To expose the student in emerging technologies in the areas of Documentary Designing System . Participants will develop a basic understanding of how to make a documentary or how to work with the designing techniques.

This workshop introduces fundamental concept of making documentary more suitable and attractive and at the greatest ease.