

**Event Category : Student Development Program**

**Event Name: “ Document preparation using  
Latex”**

**Date: 10<sup>th</sup> to 11<sup>th</sup> January 2022.**

J N N College of Engineering, Shivamogga

## Department of Information Science and Engineering

in association with

## Institution of Engineers and Computer Society of India



Two day SDP Hands-on session on

# Document preparation using LaTeX

10<sup>th</sup> and 11<sup>th</sup> Jan 2022



National Education Society (R.)

## J N N College of Engineering, Shivamogga

(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC – 'B',  
UG Programs: CE, ME, EEE, ECE, CSE, ISE, TCE accredited by NBA: 1.7.2019 to 30.6.2022,  
Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)



### Department of Information Science and Engineering

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Students write/create simple single page document to lengthy and complex project synopsis and project report. Most of the time they spend more time and effort in formatting the text, tables, images, equations, references etc than the content and typing. If this is made simple, then they can concentrate of the content. LaTeX is a standard to do this. In this regard, it is decided to conduct a SDP hands-on workshop from the exports.

It is also decided to make compulsory to the final year ISE students. It is also decided to considered at-least one from each project batch.

We approached Dr. Manjunath P, Dean-Academic, JNNCE, who used to conduct regularly to research scholars. He and his team agreed to conduct the SDP.

LaTeX is a document preparation system for high-quality typesetting. It is most often used for medium-to-large technical or scientific documents but it can be used for almost any form of publishing.

LaTeX is not a word processor! Instead, LaTeX encourages authors not to worry too much about the appearance of their documents but to concentrate on getting the right content.

LaTeX is based on the idea that it is better to leave document design to document designers, and to let authors get on with writing documents.

#### LaTeX Features

- 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, and process or spot colour.
- Using PostScript or Metafont fonts.

It is decided to conduct two days SDP Hands-on document preparation using LaTeX in association with Insight, a technical forum, dept of ISE and Computer Society of India on 10th and 11th Jan 2022 in the afternoon.

IE faculty coordinator Dr. E Basavaraj, HOD ISE, Faculty coordinator CSI chapter agreed to this.

Same thing is informed to The Principle and got the permission. Copy is attached at the end.

Flayer is prepared and information is circulated to all the students by circulation and whatsapp message. Copy is attached.

#### **Day 1: Following activites are done**

1. Installation of LaTeX software and Latex IDE
2. Introduction to LaTeX tags
3. Creation of Slides(PPT)
4. Creation of slide header
5. Creation of slide content
6. Creation paragraph, bullets and numbering
7. Creation superscripts and sub scripts
8. Inserting images, tables and math equation

Fifty students of 7<sup>th</sup> sem ISE and six students of 3<sup>rd</sup> sem have attended.

#### **Day 2: Following activates are done**

1. Creation of Section like acknowledgement, Table of contents, chapters...
2. Creation of cross reference
3. Creation of bibliography

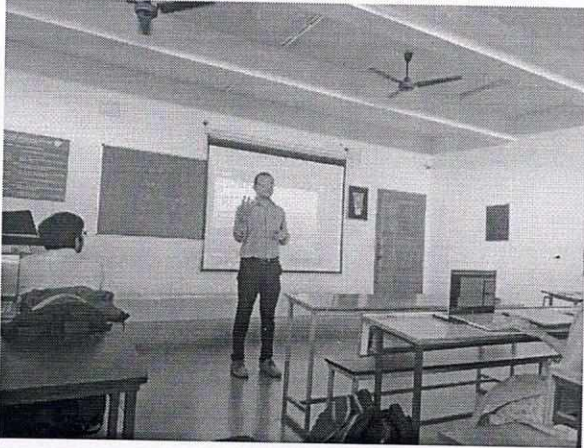
Fifty Six students of 7<sup>th</sup> sem and two students from 3<sup>rd</sup> sem have attended.

Following studets of 7<sup>th</sup> sem ISE worked as volunteres

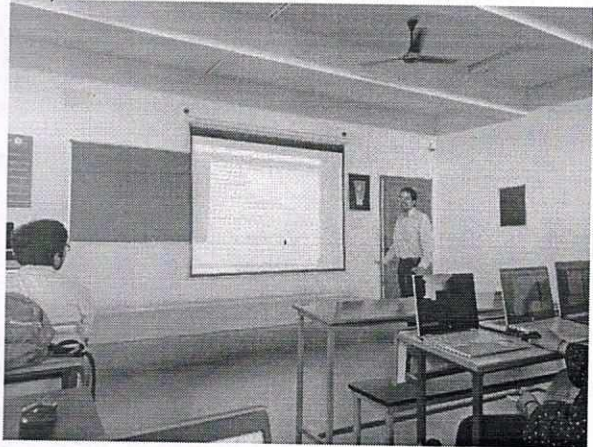
Karthik V T , Hemanth kumar J N, Amulya H S and Mohammad Faizan Ahmed of 7<sup>th</sup> A section

Sujana S Shetty, Rachana S and Yashaswi Bhat of 7<sup>th</sup> B Section

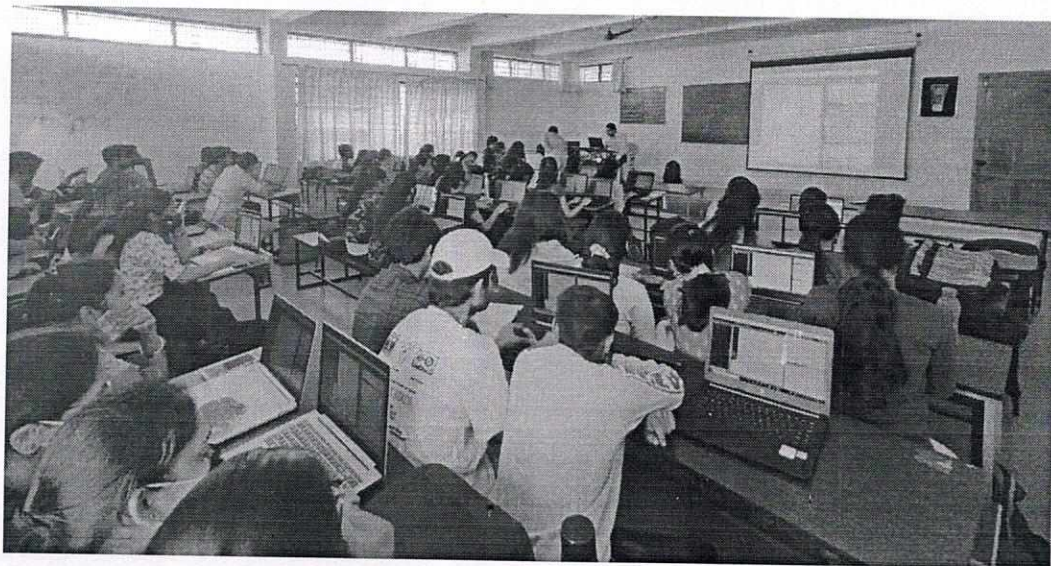
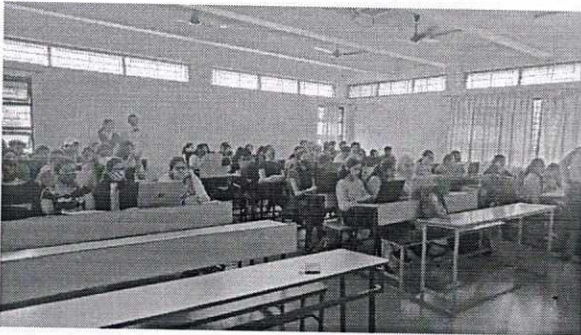
**Day 1: 10-01-2022**



**Dr. Pramod Kumar**

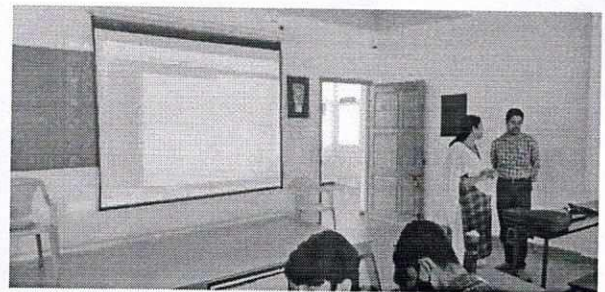
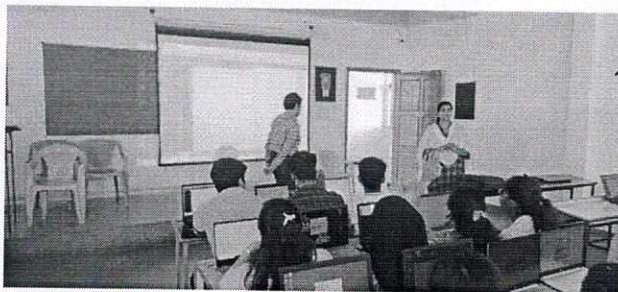
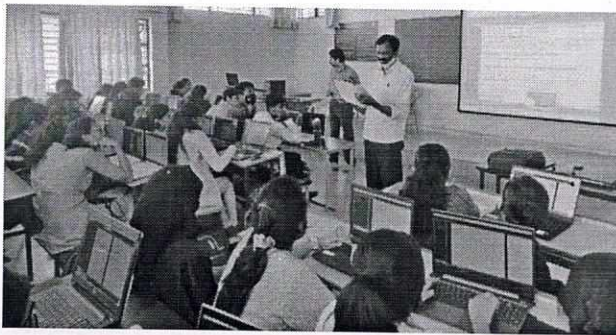
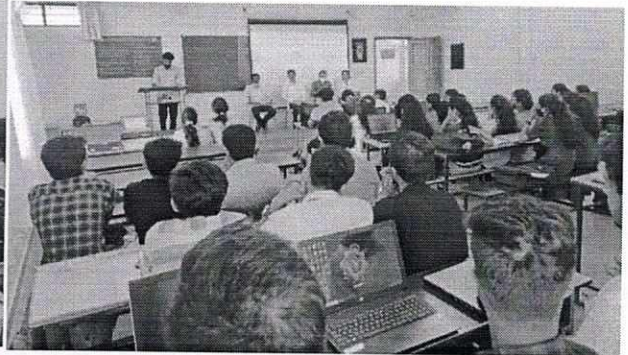


**Prof. Darshan KV**

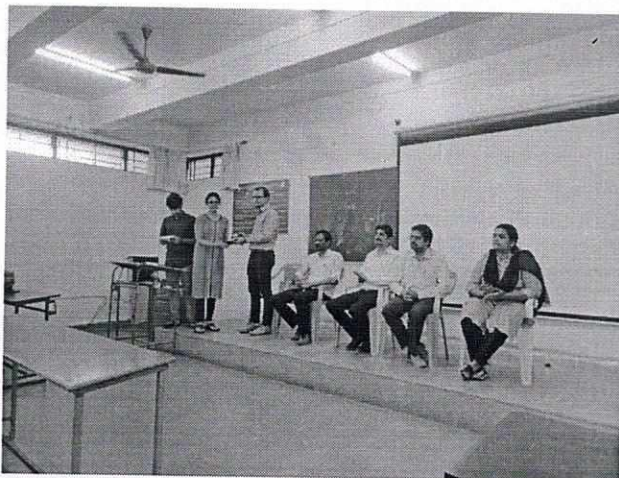


**Students in action**

# Inauguration – 10-01-2022



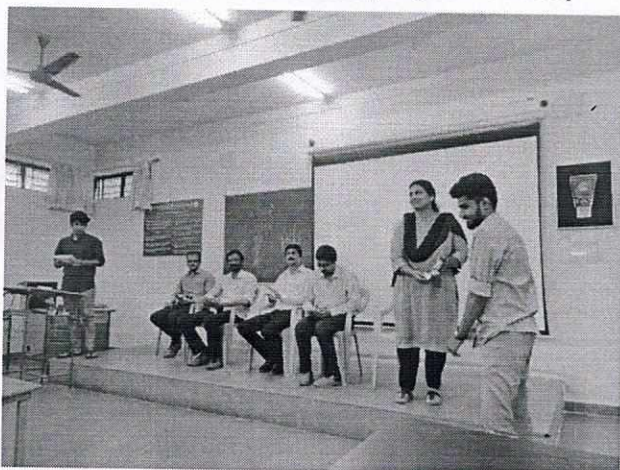
## Valedictory – 11-01-2022



**Memento to Dr. Pramod by Sujana S Shetty**



**Memento to Prof. Darshan by Amulya**



**Memento to Prof Swetha B Setty by Karthik V T**

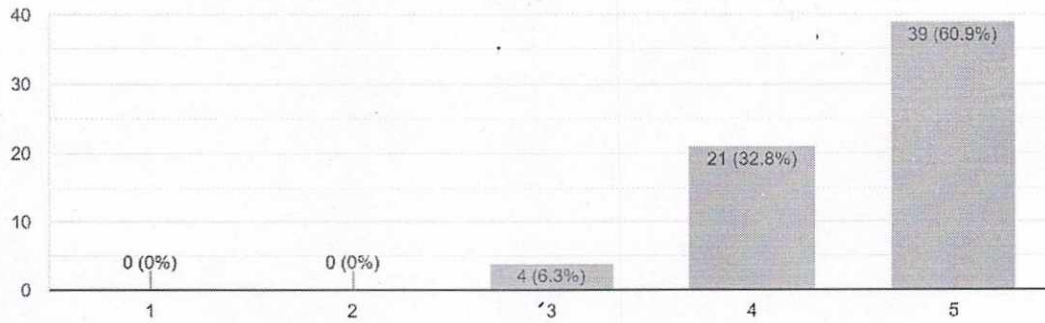


**Feed back by Ranjana Shenoy K**

## Feedback on two days SDP on Latex:

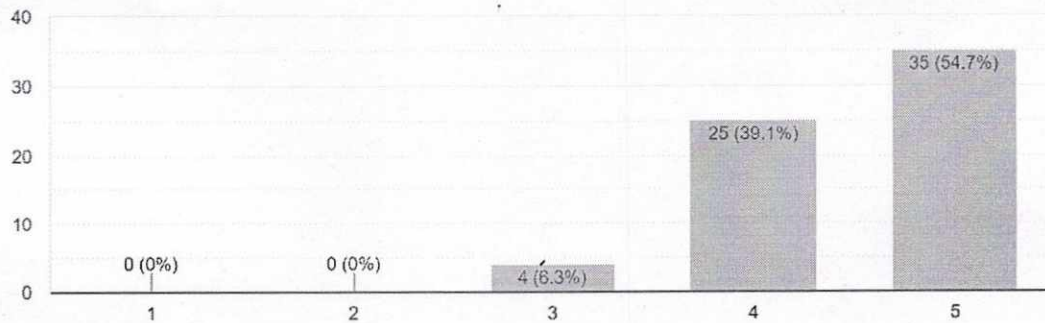
How well the Two Days SDP was organised

64 responses



The Content and delivery of the Two Days SDP met your expectation

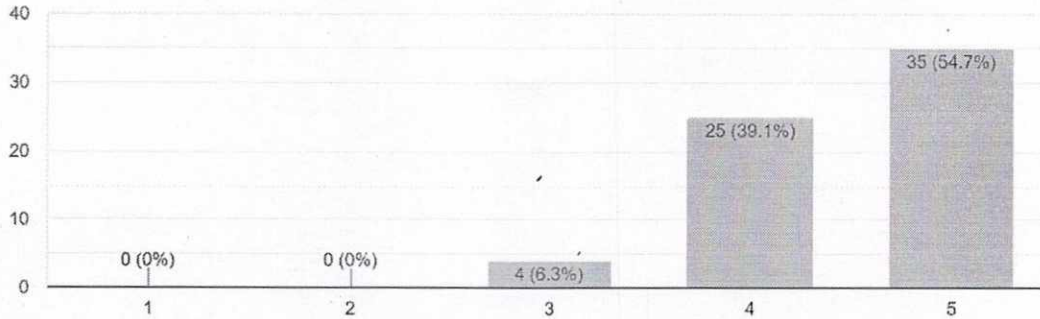
64 responses





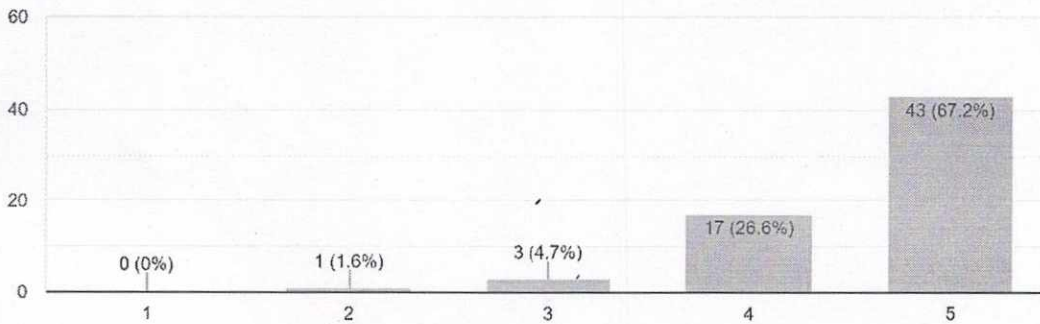
The Content and delivery of the Two Days SDP met your expectation

64 responses



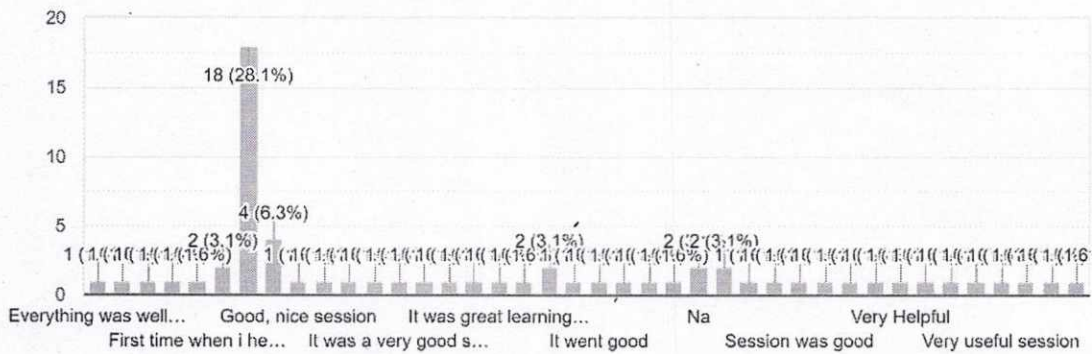
Talk enhanced Technical Knowledge in the specified area

64 responses



Overall Feedback of the Two Days SDP

64 responses



## Flayer

INSTITUTE OF ENGINEERS  
In Association with  
Dept. of INFORMATION SCIENCE ENGINEERING



**2 Days Student Development Program**  
**Hands on session on document preparation using LATEX**  
**On 10th & 11th JAN 2022**

**Resource person: Dr. S Pramod Kumar & Darshan K V**  
**Dept. of ECE, JNNCE Shivamogga.**

**HOD ISE**  
Dr. Sanjeev Kunte

**IE Coordinator**  
E Basavaraj

**Dean Academics**  
Dr. Manjunatha P

**Principal**  
Dr. K Nagendra Prasad



ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ(ಓ.), ಶಿವಮೊಗ್ಗ

National Education Society(R.) Shivamogga

Jawaharlal Nehru New College of Engineering(JNNCE), Shivamogga



ಜವಾಹರ್‌ಲಾಲ್ ನೆಹರು ನ್ಯೂ ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯ, ಶಿವಮೊಗ್ಗ

(Approved by A.I.C.T.E.New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC - 'B', NBA Accredited UG Programs : CE, ME, EEE, ECE, CSE, ISE, ETE for the period : 01.07.2019 to 30.06.2022, Recognised by Govt. of Karnataka and Affiliated to VTU, Belagavi)

Department of Information Science and Engineering

Ref. No.: JNNCE/ISE/85/21-22

Date:22-01-2022

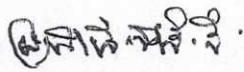
Letter of Appreciation

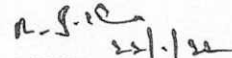
To  
**Prof. Swetha B**  
Assistant Professor  
Dept. Of ECE  
JNNCE, Shivamogga

Dear sir/Madam

We would like to take this opportunity to express our heartfelt thanks to you for your active participation as a resource person in conduction of two day SDP hands-on session on "Document creation using LaTeX" on 10<sup>th</sup> and 11<sup>th</sup> Jan, 2022.

You have shared your knowledge about the topic **Document creation using LaTeX** with your skill and expertise. Your effort in making our students understand the concepts, installation of LaTeX and editor and usage is highly appreciated. We look forward to your continued support in future.

  
Coordinator

  
HOD

Professor and Head  
Dept. of Information Science & Engg  
J.N.N. College of Engineering  
SHIMOGA-577 204



ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ(ರಿ.), ಶಿವಮೊಗ್ಗ

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**Department of Information Science and Engineering**

Ref. No.: JNNCE/ ISE /

Ref. No:JNNCE/ISE/86/21-22

Date:22-01-2022

**Letter of Appreciation**

To

**Prof. Darshan K V**

Assistant Professor


Dept. Of ECE

JNNCE, Shivamogga

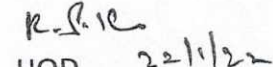
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HOD 22/1/22

Professor and Head  
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SHIMOGA-577 204



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**Letter of Appreciation**

To

**Dr. S Pramod Kumar**

Assistant Professor

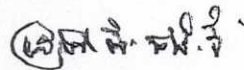
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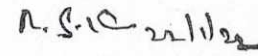
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