

Silver Jubilee Year Celebrations

SILVER SUMMIT

Workshop on Usage of Modern Research Tools : LaTeX

📅 05 June 2026 | Friday

🕒 09:30 AM – 12:30 PM

📍 IOT Lab, 1st Floor Block - B



Dr. Prashanth K K

Assistant Professor
Department of Applied Sciences
New Horizon College of Engineering
Bengaluru, Karnataka, India

Organising Committee

Dr. Vinoth Kumar K
Professor and Associate Head – R&D

Dr. Revathi V
Dean R&D

Dr. Manjunatha
Principal

Organised by
Department of Research and Development

Dr. Vinoth Kumar K
5/6/26



Revathi V
Dean
Department of Research and Development
NEW HORIZON COLLEGE OF ENGINEERING
New Horizon Knowledge Park, Bellandur Main Road,
Near Marathalli, Bengaluru - 560 103



Department of Research and Development



Event Report

Title	Workshop on usage of Modern Research Tools using Latex	
Department	Research and Development	
Date	From: 05.06.2026	To: 05.06.2026
Time	From: 10:00 AM	To: 12:30 PM

Venue: IoT Lab, 1st Floor, Block-B, New Horizon College of Engineering, Bengaluru

Resource Person: Dr. Prashanth K K, Assistant Professor, Department of Applied Sciences, New Horizon College of Engineering

Introduction

As part of the Silver Jubilee Year Celebrations of New Horizon College of Engineering, the Department of Research and Development organized a Silver Summit Workshop on "Usage of Modern Research Tools: LaTeX" on 5th June 2026. The workshop aimed to familiarize faculty members and research scholars with LaTeX, a widely accepted document preparation system for technical and scientific publications. The event was conducted in association with the Institution's Innovation Council (IIC), IEEE NHCE Student Branch, IEEE IES NHCE SBC, and IEEE IES Bangalore Section Chapter.

Objectives

The workshop was organized with the following objectives:

- To introduce participants to LaTeX and its significance in academic and research writing.
- To demonstrate the preparation of professional-quality technical documents.
- To provide hands-on experience in creating research articles, reports, and presentations using LaTeX.
- To familiarize participants with bibliography management, mathematical equations, tables, figures, and cross-referencing.
- To encourage the adoption of modern research tools for enhancing research productivity and publication quality.

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Workshop Proceedings

The workshop commenced with a formal welcome and an introduction to the importance of modern research tools in academia. Dr. Prashanth K K, the resource person, delivered an engaging session covering the fundamentals and advanced features of LaTeX.

The topics discussed included:

- Introduction to LaTeX and its advantages over conventional word processors.
- Installation and setup of LaTeX environments.
- Document structure and formatting.
- Typesetting mathematical equations and scientific expressions.
- Creation of tables, figures, and multi-column layouts.
- Citation management and bibliography generation using BibTeX.
- Preparation of IEEE conference and journal manuscripts.
- Best practices for collaborative writing using Overleaf.

A dedicated hands-on session enabled participants to create their own LaTeX documents and apply the concepts learned during the technical sessions. The resource person addressed participants' queries and shared practical tips for efficient document preparation and publication.

Highlights of the Programme

- Conducted as a part of NHCE Silver Jubilee Year Celebrations.
- Interactive technical and hands-on training sessions.
- Demonstration of IEEE paper formatting using LaTeX.
- Practical exercises on equations, tables, figures, and references.
- Exposure to collaborative online LaTeX platforms.
- Active participation and discussion among faculty members and research scholars.

Outcomes

The workshop successfully enhanced with 29 participants' understanding of LaTeX and its applications in research and academic writing. 29 Participants gained practical skills in preparing professional technical documents and learned effective methods for managing references and formatting manuscripts according to international publication standards.

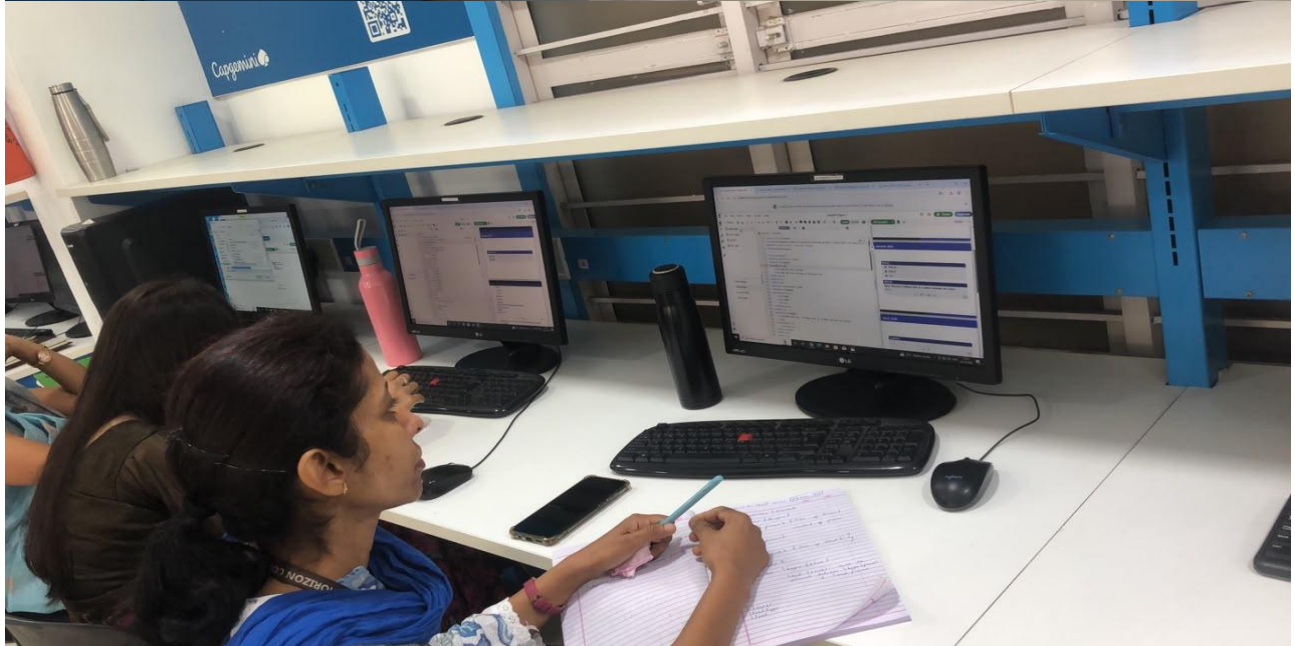
Conclusion

The Silver Summit Workshop on "Usage of Modern Research Tools: LaTeX" was successfully conducted and received enthusiastic participation from faculty members and research enthusiasts. The informative sessions and practical demonstrations by Dr. Prashanth K K provided valuable insights into modern document preparation techniques. The workshop reinforced NHCE's commitment to promoting research excellence and equipping academicians with contemporary tools essential for high-quality scholarly communication. The event concluded with an interactive question-and-answer session and a vote of thanks, acknowledging the contributions of the resource person, organizers, and participants for making the workshop a grand success.

Dr. Prashanth K K
5/6/26



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Department of Research and Development

Workshop on Usage of Modern Research Tools: LaTeX on 05.06.2026



Participant Details (Attendance)

S.No	Name	Department	Signature
1.	LEENA NATARAJAN	BCA	
2.	Dr. Shivani Rigam	B.COM/BBA	
3.	Radhasee Choudhury	B.Com/BBA	
4.	Kiran mohas ms	AIML	
5.	Govindarajon	MCA	
6.	Omkar. K. Kanetkar	ECE	
7.	NUTHAN KV	CSE (OS)	
8.	Harshith. C.M	CSE (OS)	
9.	Manojkumar	AIML	
10.	Dr. K. GOPAL	MECH	
11.	RAVIKUMAR. M	MECH	
12.	P. BASKAR	AS	
13.	Pravallika Medidha	CSE-2	
14.	M.Vinayaka	CSE-2	
15.	V. Lakshmi Sanyal	CSE-1	
16.	Divyanshi Chhabra	CSE-1	
17.	A. Yashwanth	CSE-1	
18.	Shruthi G.R	ISE	
19.	Parvathy S	ISE	
20.	Sweet Subhashree	ISE	
21.	Ashwitha. N	MCA	
22.	SATHYA. J	MCA	
23.	Hitaishi. H.K	CSE-1	
24.	Manindora Kaur	AIML	
25.	Puja Negi	AIML	
26.	AKSHITHA. K	AS [Math]	
27.	HARISH. R. HANSHAL	ECE	
28.	RAMESWARI. C	MECH	
29.	SHARINI. A	ISE	
30.			



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