GUJCOST sponsored Four days online Workshop on "Technical Writing with Latex"
on 28th September- 1st October 2020

DAY -1	
10 :00 a.m. to 10:30 a.m.	**Inauguration Function**
11:00 a.m. to 12:30 p.m.	**Introduction & Installation to LaTeX**
3:00 p.m. to 5:00 p.m.	**Structure, Section, Figure, Table, Equation using LaTeX**
DAY -2	
11:00 a.m. to 12:30 p.m.	**Writing Mathematics Using LaTeX**
3:00 p.m.to 5:00 p.m.	**Bibliography Management using LaTeX**
DAY -3	
11:00 a.m. to 12:30 p.m.	**IEEE conference paper writing using LaTeX**
3:00 p.m. to 5:00 p.m.	**Elsevier Manuscript Using LaTeX**
DAY -4	
11:00 a.m. to 12:30 p.m.	**External Linking of Audio/Video, external web linking, External PDF linking using LaTeX**
3:00 p.m. to 4:30 p.m.	**Beamer presentation using LaTeX**
4:30 p.m. to 5:00 p.m.	**Validity program**
5:30 pm to 6:00 pm	**Online Quiz Test**

DAY -1	
10 :00 a.m. to 10:30 a.m.	Inauguration Function

A CVM institution, MBIT organized GUJCOST sponsored Four days online Workshop on "Technical Writing with Latex" on 28th September- 1st October 2020. The Workshop was conducted through online platform. Inaugural Ceremony was on 28th September, 2020 at 10:00 a.m. Inaguration commenced with Welcome Note by Prof. Jagruti Prajapati. She warmly welcomed the dignitaries and participants. Then blessings of God were taken by playing Saraswati Vandana by Prof. Sunayna Domadiya.
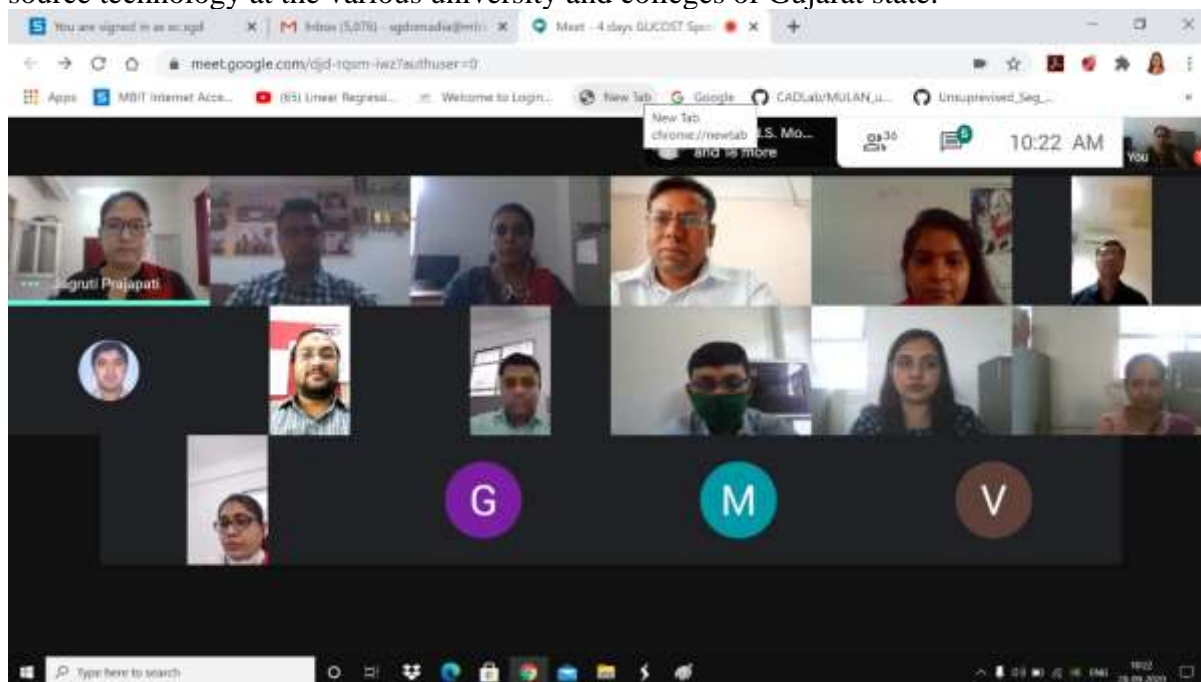

The inaugural further commenced by introduction of workshop given by Prof. Tejal Tandel. She explained how LaTeX is a document preparation system for high-quality typesetting. In her speech she talked LATEX is most often used for medium-to-large technical or scientific documents but it can be used for almost any form of publishing. She ended with importance of LaTeX which 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. Competence in technical writing holds great importance in the present era. Technical writing deals with specific knowledge, generally in the sphere of science and technology, and may be used in a wide variety of media: journal papers, thesis, project proposals, and other technical documents. There were total 57 participants in the workshop.

Prof. Jagruti Prajapati gave introduction of Er. Bhikhubhai B. Patel, Chairman, Charutar Vidhya Mandal. The session then commenced by playing audio blessings of Er. Bhikhubhai B. Patel, Chairman, Charutar Vidhya Mandal as sir couldn't join because of other work. Prof. Jagruti Prajapati then introduced our beloved Principal Prof. Dr. Archana Nanoty. she gave a brief introduction of education and accomplishments. The session then commenced by speech of Prof. Dr. Archana Nanoty she welcomed all the participants of the workshop. She thanked Dr. Narrotam Sahoo, Advisor and Member secretory GUJCOST for providing the grant. She than gave introduction and usefulness of LATEX for academician and researcher. She also talked about the importance of LATEX while publishing the papers in highly reputed journals. She ended her speech by wishing participants that the workshop will be helpful to them.

The session then continued with introduction of Experts of the workshop. Prof. Tejal Tandel introduced the experts. Among them first speaker was MohmadIshak A.Sheikh who is working as a Assistant professor in electrical Engg. dept at Govermnet Engiinering College Dahod. His total academic experience is more than 10 years in engineering field. His area of interest is soft computing like MATLAB (programming and simulation), control system analysis and design using soft computing tool, LaTeX. He has conducted many workshops on Matlab, Control system, LaTeX across diff. He is a senior IEEE member and act as a Branch counselor of IEEE Government Engineering college, Dahod chapter since 2017.

He has conducted more than 43 workshop across Gujarat and HE has guided more than 2000 M.E./Ph.D students for the LaTeX-a tool for research to create awareness about the Open source technology at the various university and colleges of Gujarat state.

He has been awarded GTU Pedagogical Innovation Award for HIS remarkable contribution in LaTeX workshop, Matlab and Rastriya Aviskar Abhiyaan (RAA) in Feb.2017 on 6th GTU Innovation sankul day.

The second expert was Dr. Amit D Patel, who is working as Assistant Professor in mathematics department at Dr. S & S.S. Gandhi Government Engineering College, Surat. He has 15 years of experience in Technical Teaching & Mentoring, Curriculum Development, Research Activities & Education Coordination for various events related to students & teachers. He has received   PH D in Mathematics from SVNIT, Surat,. He is Recognized for delivering expert talks / workshops such as Research Tool: Basics of LATEX", Equations in LATE, Making Presentation using LATEX". He is characterized as a visionary, strategist for various research publications, Guided ME Thesis on different topics and attending various workshops, conferences and training programs

Prof. Tejal Tandel further gave information that both authors have successfully organized   "Technical Document Preparation using LaTeX" online workshop for more than 700 participants in June 2020.
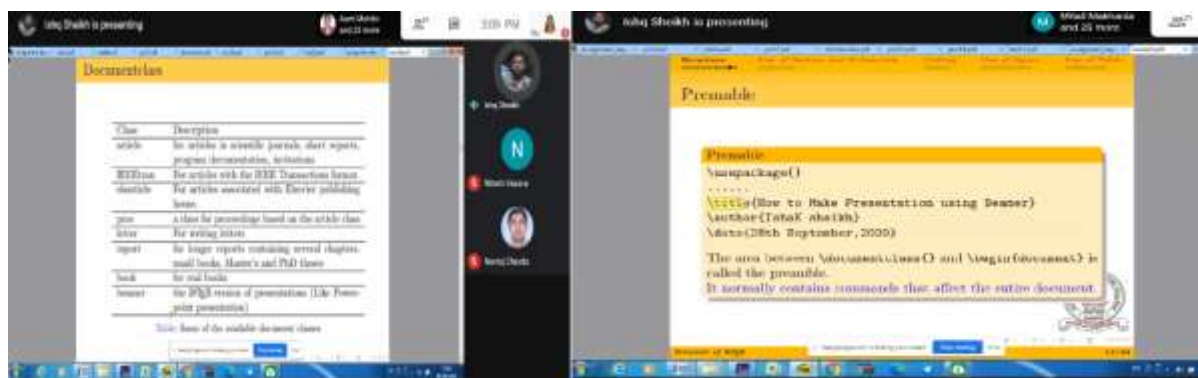
The inaugural concluded with MBIT and National.

DAY -1	
11:00 a.m. to 12:30 p.m.	**Introduction & Installation to LaTeX**

The session was conducted by Mohmadishak Sheikh. As part of introduction he covered Motivation, Structure, Use of Section and Subsection, Listing, Use of figure, Use of Table, Bibliography. LATEX is a document preparation system for high-quality typesetting. It is most often used for medium-to-large technical or scientific documents.

DAY -1	
3:00 p.m. to 5:00 p.m.	**Structure, Section, Figure, Table, Equation using LaTeX**

The session was conducted by Mohmadishak Sheikh. As part of practical session he told LATEX provides seven levels of division or sectioning for you to use in structuring your text. Chapters are only available in the book and report document classes, because they don't have any meaning in articles and letters. Documents can be divided into sections, Sub section,and sub subsection.

DAY -2	
11:00 a.m. to 12:30 p.m.	**Writing Mathematics Using LaTeX**

The session was conducted by Dr. Amit Patel. As part of practical session, he explained about how one can write mathematical equations easily in LATEX. He explained in details about Basics of Equations, Math mode, Mathematical Symbols, Sample Code, Sums and integrals, Brackets and braces, Matrices and Arrays, Examples of Matrix, Examples of Array, Horizontal spacing, Equation environment, Alignings.
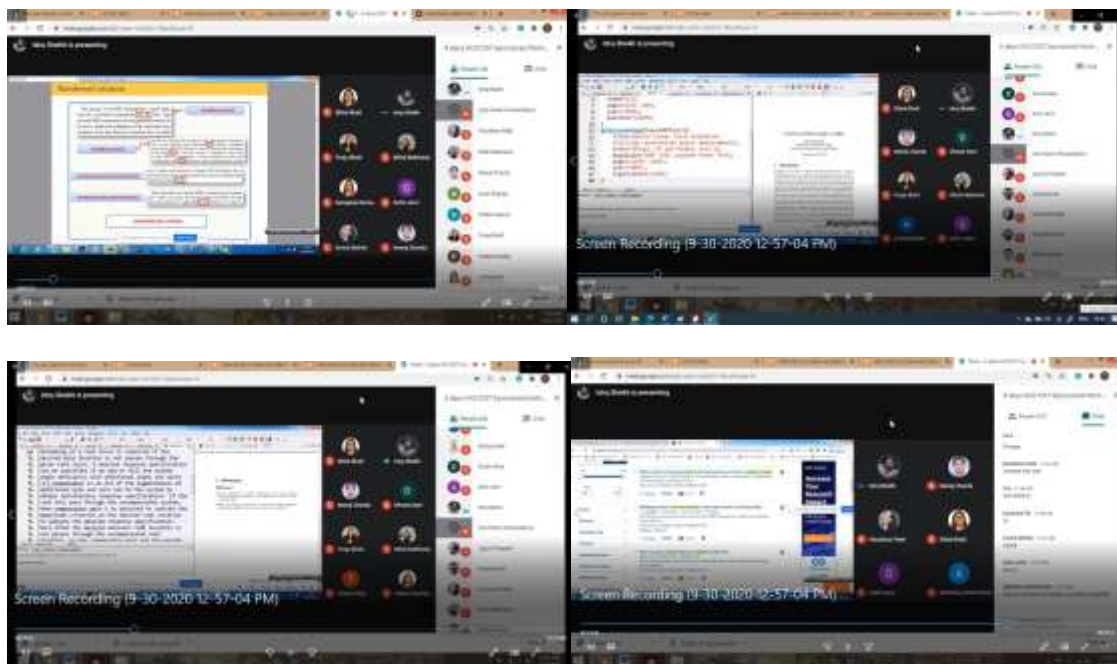
DAY -2	
3:00 p.m.to 5:00 p.m.	**Bibliography Management using LaTeX**

The session was conducted by Mohmadishak Sheikh. As part of practical session, he explained Introduction to bibliography management, naming Section, creating Figure, Table, Page number, Equation

DAY -3	
11:00 a.m. to 12:30 p.m.	**IEEE conference paper writing using LaTeX**

The session was conducted by Mohmadishak Sheikh. As part of practical session, he explained how to prepare and write papers in LATEX in IEEE format. He explained how the sections, tables, bibliography, etc is created in LATEX.
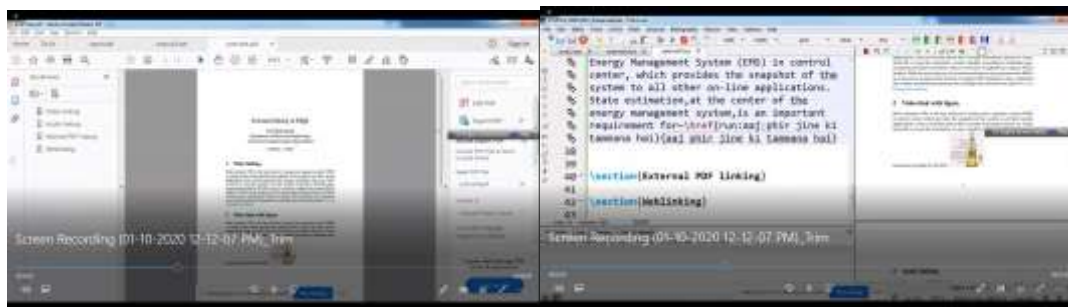

DAY -3

3:00 p.m. to 5:00 p.m.	Elsevier Manuscript Using LaTeX

DAY -4	
11:00 a.m. to 12:30 p.m.	External Linking of Audio/Video, external web linking, External PDF linking using LaTeX

The session was conducted by Mohmadishak Sheikh. As part of practical session, he explained how we can do video, audio, PDF and web linking.
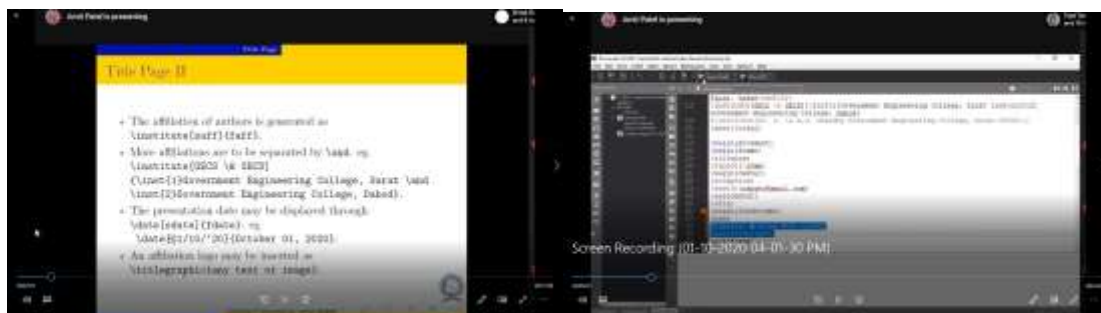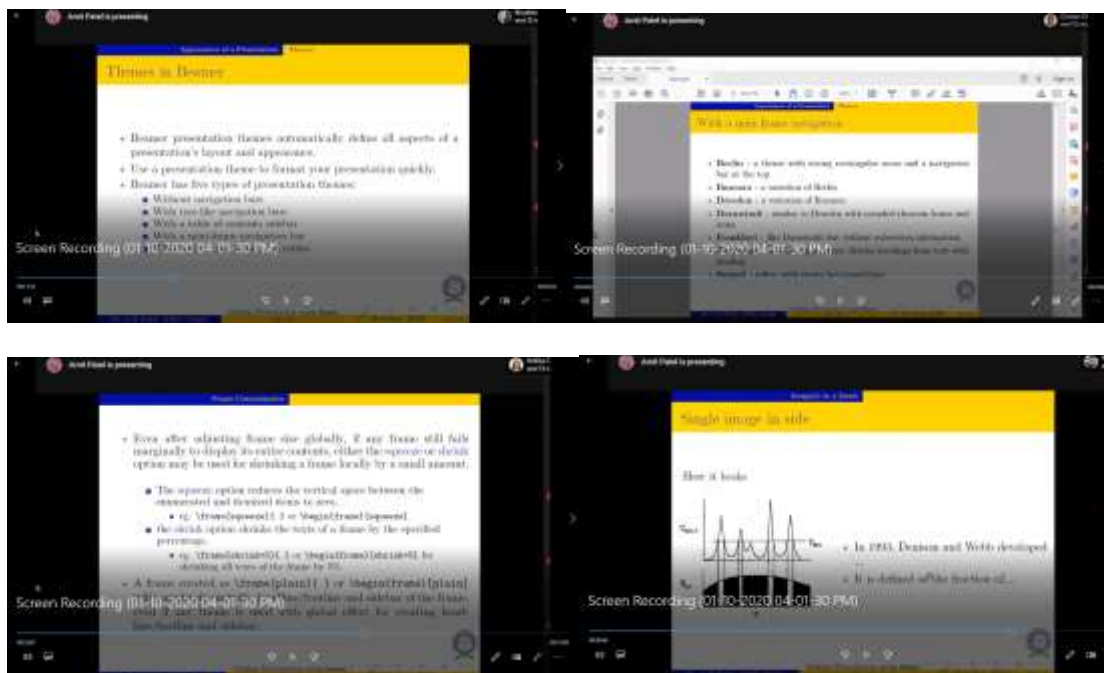

DAY -4	
3:00 p.m. to 4:30 p.m.	Beamer presentation using LaTeX

The session was conducted by Dr. Amit Patel. As part session he explained the how beamer can be used for preparing the power point presentation.

DAY -4	
4:30 p.m. to 5:00 p.m.	**Validity program**

The Validatory program was on 1st October 2020. It was held after the end of all session and quiz. Prof. Jagruti Pajapati was the anchor during the program. Dr. Hetal Chaudasma, Head of Information Technology Department at MBIT thanked all the **participants and announced the three winners of Quiz namely: Abhigna, Kaushika Patel and Bhavik Patel. Then as feedback of the Workshop Abhigna who is pursuing his bachelors degree thanked for the much helpful LATEX worshop. Kaushika Patel who is working as Head of Department at her institute told because of her busy schedule she couldn't attend all the sessions. Prof. Shital Bhatt working at MBIT college told that the workshop was very beneficial to her as it would be helpful to her in preparing reports and presentation for DPC.**

Screen Recording1 (01-10-2020 04-51-55 PM)