



ABOUT SVNIT

The institute, one of the pioneering engineering institutions of the country, was established in 1961 as Sardar Vallabhbhai Regional College of Engineering & Technology and was given a status of National Institute of Technology, in 2002. At present, there are six undergraduate courses, seventeen postgraduate courses and Ph.D. programmers in all disciplines of engineering and applied sciences. It has an excellent placement record with a number of top-ranking companies visiting the campus. The whole campus has connectivity of the internet with fiber optic network including faculty quarters and student hostels.

ABOUT THE DEPARTMENT

The Department of Applied Mathematics & Humanities has always believed in striving for excellence in research and teaching and succeeded in this endeavor to a large extent. Over the years, the department has evolved as one of the epicenter of research in Gujarat, India.

In the pursuit for research the Faculty members of the department have covered a vast area such as Numerical & Classical methods in fluid mechanics, Special functions, Integral Transforms, Approximation theory, Operator theory and Fuzzy logic, Mathematical Modeling, Numerics of differential equations, fractional differential equations, Mathematical and Computational Biology, Bioinformatics, Techno innovation to Techno entrepreneurship, General Management, Entrepreneurship, Marketing, Post Modern Fiction and Indian English Fiction..

PATRON

Prof. S.R. Gandhi
Director, SVNIT
Surat

COORDINATORS

Dr. Shailesh K. Srivastava
Dr. Indira P. Debnath
Dr. Sushil Kumar

ABOUT CCE

Center for Continuing Education (CCE) was established in Feb-2017 at SVNIT with Prime objective to imparting skill developing training programs to faculty, research scholars, UG/PG students, industry professional through planning and organizing Workshop/STTP/Expert talks on the concept of Self-Sustainability approach as per MHRD Guide-lines.

WHO CAN ATTEND?

- Academician
- Research Scholars
- Industry persons
- UG & PG students
- Staffs/supporting staffs

Participants are advised to keep laptops for hands-on practice during the sessions.

One-Week Short Term Course ON “Academic Writing using LATEX”

04-08 Jan, 2021

(Online Mode)



Organized by

Department of Applied Mathematics and
Humanities
S. V. National Institute of Technology
Surat -395007
Gujarat, India

In Association with the
CCE, SVNIT

PROGRAMME OBJECTIVE

This workshop aims to provide a comprehensive theoretical and hands on practice with LaTeX for preparing research articles, thesis writing and oral presentation. It will be useful for beginners and also who are using it on a regular basis.

COURSE CONTENTS

- Introduction to LaTeX, Writing applications, Classes and Packages (Enumerate, Itemize, AMS Packages), Texts Formatting, Page Layout and Style.
- Mathematical environment, different formats for equations.
- Handling of Tables, Figures in LaTeX documents.
- Famous LaTeX packages like Chemfig command, TikZ Package etc.
- Technical References/ Bibliography database collection and citation using Jabref.
- Demonstration of different Journals (AMS, Elsevier, Springer etc.) and conference (IEEE, Springer, etc.) formats.
- Thesis Writing: Organization of Chapters, Use of TikZ for flowchart, Appendices, Conversion of MATLAB Codes in LaTeX, Book style, Table of Contents, List of figures, List of Tables, Index.
- Presentation using Beamer.

RESOURCE PERSONS

The lectures in the course will be delivered by eminent personalities and experts in the area from reputed academic institutions and universities.

WHY LATEX?

LaTeX is a high-quality typesetting system which is widely used for document preparation in academics. Though it was invented for writing mathematics “beautifully” during 1985, nowadays, LaTeX is used not only to write documents in mathematics but also physics, computer science, engineering, economics, psychology, social and political sciences. LaTeX is preferably used for technical/scientific papers writing for journals by researchers, engineers and mathematicians at large. Over a period, LaTeX has evolved, and now it can draw complicated molecules in organic chemistry, list bibliography in various ways at the stroke of a feather. In contrast to Microsoft Word, LaTeX can handle large documents very easily. Some useful features of LATEX are:

- Typesetting of journal articles, technical reports, thesis, books, and slide presentations.
- Simpler to handle large documents containing sections, cross-references, tables, mathematical equations, footnotes and figures.
- Typesetting of complex mathematical formulae.
- Advanced typesetting of mathematics with AMS-LATEX.
- Automatic generation of table of contents, bibliographies and indexes.

ELIGIBILITY

The training program is open to engineering college and polytechnic teachers, research scholars, PG students (M. Sc. And M. Tech) and Industry personnel.

Last Date of Registration: 25th December, 2020
Registration Fee

UG/PG/Ph.D. Scholars : 300/-
Faculty : 600/-
Industry Delegates : 5000/-

The certificate of participation will be issued only to those candidates securing more than 80% attendance.

E-certificates will be sent to the participants by email.

Details of account for Program Fee Submission:

Account Holder name: **Director, SVNIT-CCE**
SBI Account Number: **37030749143**
Branch Name: **SBI, SVRCET Branch**
Bank IFSC: **SBIN0003320**

Please mention "STC-Latex" in the Description/Remark during payment.

Registration can be done using the following link:

[Click for the Registration](#)

Contact Details:

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Last Date of Registration: 25th Dec, 2020