



Parshvanath Charitable Trust's  
**A. P. SHAH INSTITUTE OF TECHNOLOGY**  
(Approved by AICTE New Delhi & Govt. of Maharashtra, Affiliated to University of Mumbai)  
(Religious Jain Minority)

## Department of Computer Engineering

### REPORT ON LaTeX SESSION

Our college A. P. Shah Institute of technology organised a session for students of Information Technology and Computer Engineering on LaTeX on 28/07/2017. This Session was organised under the guidance of HOD Computer Prof.Sachin Malave.

The Hands-on session was taken by Prof. A.R.Kalugade faculty of Computer department. A Dedicated 60 node lab is facilitated to students so that every student gets a hands-on experience on LaTeX. The session started with some answers of basic question that may be in mind of the students such as Why LaTeX is required for proper, well formatted documentation, How it can be possible in online and offline platforms, What are the different tools available for LaTeX in different operating systems, What are the advantages and disadvantages of such tools for better selection.

After the Explanation, Final Year Thesis LaTeX template is given to all students which includes all the guidelines by university of mumbai to fulfillment of a required black book so that student get a hands-on experience on report itself by using online platform of overleaf for latex.

A hands-on started with creating a new project or upload a existing project on online platform for editing, after that chapters hierarchy from the report was explained which includes explanation of how chapters, sections & sub-sections can be created by using latex tags, later how to bold, italic, centering, spacing specific text by using tags. After hands-on on text part we shifted to image and tables how to import graphics on latex and how to create specific rows and column tables in report by using respective tags. And the last demonstration of how automatically contents or index, list of figures and list of tables can be created. Overall it was an informative session to get basic idea about the LaTeX and students are able to prepare their any project, presentations, publication papers in LaTeX.

Prof.Amol Kalugade

Faculty Coordinator

Prof. Sachin Malave

Head of the Department