Department of Information Technology

Expert Talk
On
LaTeX

Our college A. P. Shah Institute of technology organised a session for students of Information Technology and Computer Engineering on LaTeX on 20th September 2019. This Session was organised under the guidance of HOD IT Prof.Kiran Deshpande and HOD Computer Prof.Sachin Malave. The Hands-on session was taken by Prof.Vishal Badgujar faculty of IT department. A Dedicated 60 node lab is facilities 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 fulfilment 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 an existing project on online platform for editing, after that chapter's 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, cantering, 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.