



HSNC UNIVERSITY, MUMBAI

Kishinchand Chellaram College

Department of Life Sciences

Under the aegis of DBT Star Status

Organizes

Q-rius Lecture Series – 4

‘Learning Using LaTeX’

A Hands-on Training Workshop



Life Sciences department, K. C. College, HSNC University under the aegis of DBT Star Status, organized a workshop under the Q-rius Lecture Series on Wednesday 23rd February, 2022. This was the first offline hands-on training workshop organized by the department. The second year and third year Life Sciences students were a part of this workshop. Dr. Pratiksha Kadam, Assistant Professor, Department of Statistics, K. C. College was invited as the resource person. The session was commenced by a welcome address given by Dr. Tejashree Shanbhag, Vice Principal of Sciences, K. C. College. After that a brief introduction of the speaker to all the students was given.

Pratiksha ma'am started the session by providing basic information about LaTeX and its applications, explaining to the students why it is useful software system for document preparation. The various online and offline editors and compilers that support LaTeX were mentioned. In this current workshop, the free online editor – ‘Overleaf’ was used and students were taught to create their own account and document file on the editor. The resource person then went on to describing the preamble used for typesetting in LaTeX, which is the first section written before the text of the document itself, in which the type of document, and other information the compiler will need to format the document correctly is specified. With this ma'am also taught various commands (e.g. `\documentclass{}`, `\usepackage{}`, `\title{}`) that are a part of the preamble.

Dr. Pratiksha Kadam also taught the students how to add graphics, symbols and numbers to the document with commands like (`\includegraphics{}`, `\begin{figure name}[h!]`, `\begin{enumerate}`, etc.). Even commands required to make the text bold and italics were included. Students created their own project alongside the resource person which helped them better understand the function of LaTeX and clear their queries. Lastly, Dr. Sagarika Damle, Head of Department of Life Sciences, K. C. College, gave concluding remarks and thanked all the student volunteers of Evengers – Student Event Management Committee for putting up a great session.

The students were appreciative of the session and its usefulness in helping them write, edit and publish scientific documents. They further expressed their wish to take part in such fun and knowledgeable workshops in the future.



Dr. Pratiksha Kadam introducing the students to the basic commands of LaTeX



Participants engage in hand-on training