# D.K.M College for Women (Autonomous), Vellore-632001

## **Department of Mathematics**

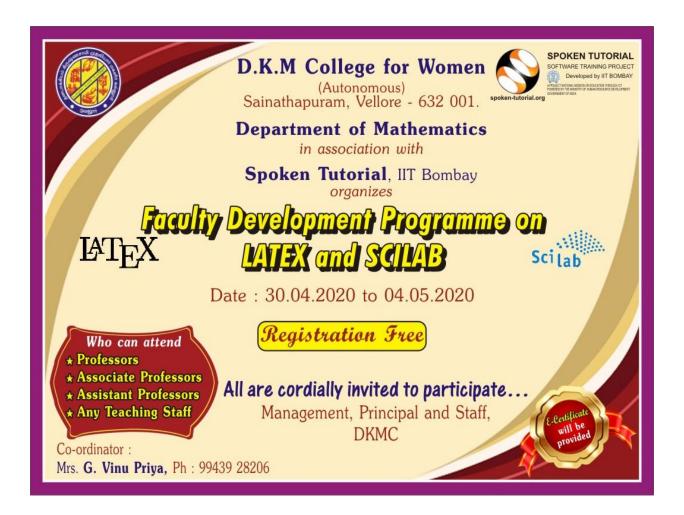
in association with

**Spoken Tutorial, IIT Bombay** 

organized

# Faculty Development Programme on LATEX and SCILAB

#### **INVITATION**



The Department of Mathematics organized five days "Faculty Development Programme on LATEX and SCILAB" from 30.04.2020 to 04.05.2020 in association with Spoken Tutorial, IIT Bombay. The course material was provided by the Spoken Tutorial Project, IIT Bombay. Spoken Tutorial is an initiative of National Mission on Education to promote IT literacy through open source software. A Comprehensive set of topics pertaining to LaTeX and Scilab were covered in the training by the Spoken Tutorial Project, IIT Bombay, funded by the National Mission on Education through ICT, MHRD, Government of India. The Coordinator for this FDP is Mrs. G. Vinu Priya, Assistant Professor, Department of Mathematics, D.K.M College for Women, Vellore and Ms. Swapnali Kadam, Tamil Nadu Training Coordinator, Spoken Tutorial, IIT Bombay.

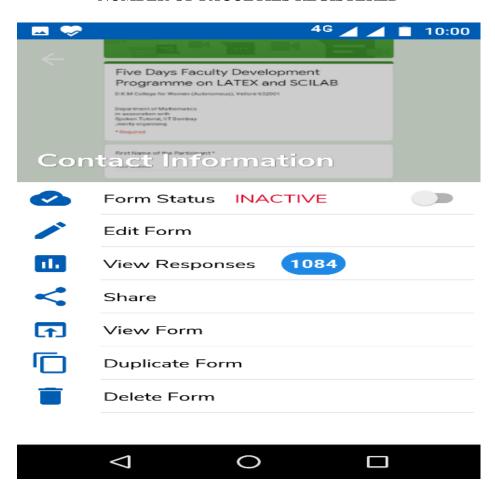
LaTeX is a high-quality typesetting system, it includes features designed for the production of technical and scientific documentation. In this series, we can also learn to use XFig, the diagram component of LaTeX. LaTeX is available as free software. LaTeX is widely used for the communication and publication of scientific documents in many fields, including mathematics, statistics, computer science, engineering, physics, economics, linguistics, quantitative psychology, philosophy, and political science. It also has a prominent role in the preparation and publication of books and articles that contain complex multilingual materials, LaTeX uses the TeX typesetting program for formatting its output, and is itself written in the TeX macro language.

**Scilab** is a free and open-source, cross-platform numerical computational package and a high-level, numerically oriented programming language. It can be used for signal processing, statistical analysis, image enhancement, fluid dynamics simulations, numerical optimization, and modeling, simulation of explicit and implicit dynamical systems and symbolic manipulations. Scilab is one of the two major open-source alternatives to MATLAB, the other one being GNU

Octave. Scilab puts less emphasis on syntactic compatibility with MATLAB than Octave does. Scilab is a Mathematical and scientific calculation software, open source substitute for MATLAB, very useful for all science and engineering students, in academics particularly.

Nearly 800 faculties from all disciplines and from different states registered and got benefitted from this faculty development programme. All the information were circulated in Whatsapp and Mail. This was the great opportunity for the faculties to enrich the knowledge during the lockdown period. Assignments were given to all the participants. E- Certificate was issued to all the participants through mail.

## NUMBER OF FACULTIES REGISTERED



## NUMBER OF FACULTIES COMPLETED

