



MARUDHAR KESARI JAIN COLLEGE FOR WOMEN (AUTONOMOUS)

VANIYAMBADI, TIRUPATTUR DT - 635 751

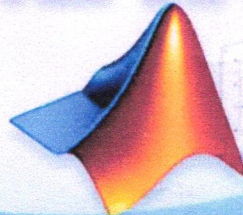
- Recognized u/s 2(f) & 12(B) of UGC Act 1956
- Permanently Affiliated to Thiruvalluvar University
- Supported by DST - FIST | DBT STAR College Scheme



PG & Research Department of Mathematics

Organizes

Skill Development in LaTEX and MATLAB



Supported by

DBT STAR COLLEGE SCHEME

Date : 21.09.2026 to 23.09.2026 | Time : 10.00 am | Venue : Data Science Lab

Resource Persons

DAY 1

21.09.2026



Dr. G. Sathishkumar

Assistant Professor & Research Supervisor
Department of Mathematics
Faculty of Science and Humanities
SRM Institute of Science and Technology,
Chennai.

Topic

**Latex for Mathematical and Scientific
Documentation**

DAY 2 & 3

22.09.2026 &
23.09.2026



Dr. D. Vinoth

Assistant Professor
Ganadipathy Tulsi's Jain Engineering College
Kaniyambadi, Vellore.

Topic

**MAT LAB: Multi-Paradigm Numerical
Computing Environment**

Sri. V. Dilip Kumar Jain
President

Sri. Anand Singhvi
Secretary

Dr. M. Inbavalli
Principal

Dr. M. Gomathi
DBT STAR College Scheme
Coordinator

Ms. N. Mahalakshmi
Head i/c
PRINCIPAL

Marudhar Kesari Jain College
for Women (Autonomous)
Vaniyambadi - 635 751.
Tirupattur District



Marudhar Kesari Jain
College for Women (Autonomous), Vaniyambadi
PG & Research Department of Mathematics

Organizes

Skill Development in LaTeX and MATLAB

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DBT STAR COLLEGE SCHEME

Time: 10.00 am

Date: 21.09.2026 to 23.09.2026

**Venue: Sri Roop Rajat Block
Data Science Lab**

AGENDA

DAY 1

- ◆ **Prayer and Tamilthai Vazhthu**
- ◆ **Welcome Address** : Ms. S. Deepika
III B. Sc Mathematics, MKJC(A)
- ◆ **Felicitation** : Dr. M. Inbavalli
Principal, MKJC(A)
- ◆ **Introduction of the Guest** : Ms. K. Elakiya
III B. Sc Mathematics, MKJC(A)
- ◆ **Honoring the Guest** : Mrs. C.B. Sumathi
Dean of Physical Sciences
- ◆ **Chief Guest Address** : Dr. G. Sathishkumar
Assistant Professor & Research Supervisor
Department of Mathematics
Faculty of Science and Humanities
SRM Institute of Science and Technology
Chennai.
- ◆ **Session Topic** : Latex for Mathematical and Scientific
Documentation
- ◆ **Vote of Thanks** : Ms. D. Harini
III B. Sc Mathematics, MKJC(A)
- ◆ **National Anthem**


PRINCIPAL

**Marudhar Kesari Jain College
for Women (Autonomous)
Vaniyambadi - 635 751.
Tirupattur District**

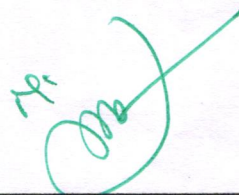
DAY 2

- ♦ **Prayer and Tamilthai Vazhthu**
- ♦ **Welcome Address** : Ms. V. Arulmathi
III B. Sc Mathematics, MKJC(A)
- ♦ **Felicitation** : Dr. M. Inbavalli
Principal, MKJC(A)
- ♦ **Introduction of the Guest** : Ms. L. Charmi
III B. Sc Mathematics, MKJC(A)
- ♦ **Honoring the Guest** : Mrs. C.B. Sumathi
Dean of Physical Sciences
- ♦ **Chief Guest Address** : Dr. D. Vinoth
Assistant Professor
Ganadipathy Tulsi's Jain Engineering College
Kaniyambadi, Vellore.
- ♦ **Session Topic** : MAT LAB: Multi-Paradigm Numerical Computing
Environment
- ♦ **National Anthem**

DAY 3

- ♦ **Prayer and Tamilthai Vazhthu**
- ♦ **Chief Guest Address** : Dr. D. Vinoth
Assistant Professor
Ganadipathy Tulsi's Jain Engineering College
Kaniyambadi, Vellore.
- ♦ **Vote of Thanks** : Ms. J. Kaameni
III B. Sc Mathematics, MKJC(A)
- ♦ **National Anthem**

ALL ARE CORDIALLY INVITED



PRINCIPAL
Marudhar Kesari Jain College
for Women (Autonomous)
Vaniyambadi - 636 751.
Tirupattur District



MARUDHAR KESARI JAIN

College for Women (Autonomous), Vaniyambadi



Activity Report

Topic/ Subject of the Activity: Skill Development in LaTeX and MATLAB on 21.09.2026 to 23.09.2026

Objective (Input):

- To develop students' practical skills in LaTeX for Mathematical and Scientific documentation.
- To familiarize students with MATLAB as a Multi-Paradigm Numerical Computing Environment.
- To enhance computational, analytical and problem-solving skills through hands-on training.
- To enable students to apply mathematical concepts using modern computational tools.

Methodology (Process):

The PG and Research Department of Mathematics, Marudhar Kesari Jain College for Women (Autonomous), Vaniyambadi, organized Skill Development in LaTeX and MATLAB supported by DBT Star College Scheme.

The three-day Skill Development Programme was conducted through expert-led demonstrations, interactive sessions and hands-on practical training.

On Day 1, Dr. G. Sathishkumar, Assistant Professor & Research Supervisor, Department of Mathematics, Faculty of Science and Humanities, SRM Institute of Science and Technology, Chennai, served as the Resource Person and delivered a session on "LaTeX for Mathematical and Scientific Documentation". The students were trained in using LaTeX for preparing mathematical and scientific documents, with emphasis on document formatting, mathematical expressions, equations and scientific presentation.

On Days 2 and 3, Dr. D. Vinoth, Assistant Professor, Ganadipathy Tulsi's Jain Engineering College, Kaniyambadi, Vellore, served as the Resource Person and conducted practical sessions on "MATLAB: Multi-Paradigm Numerical Computing Environment". The sessions focused on Numerical Computation, Mathematical Modelling, Programming, Visualization and problem-solving. Students gained practical experience by executing MATLAB commands, creating basic programmes and applying the concepts through interactive hands-

on exercises. A total of 63 students participated in the programme and benefited from the session.

Output:

- Students acquired basic skills in preparing mathematical documents using LaTeX.
- Participants gained practical exposure to MATLAB programming and numerical computation.
- Students learned to perform mathematical calculations, generate graphical representations and explore computational techniques.

Outcomes:

- Enhanced students' technical and computational skills in Mathematics.
- Improved confidence in using LaTeX for academic, project and research documentation.
- Developed familiarity with MATLAB for solving mathematical and numerical problems.

Alignment with Sustainable Development Goals (SDGs)

This activity contributes to the following SDGs:

SDG 4 – Quality Education: Promotes skill-based and technology-enabled learning through practical training in LaTeX and MATLAB.

SDG 8 – Decent Work and Economic Growth: Develops employability-oriented computational and technical skills relevant to higher education and research.

SDG 9 – Industry, Innovation and Infrastructure: Encourages the use of modern computational technologies and innovative approaches to mathematical problem-solving.

SDG 17- Partnerships for the Goals: Facilitates knowledge sharing and academic engagement through expert-led training and institutional participation.

N. Mahale

Head of the
Department

[Signature]
30/9/26
Dean

[Signature]
DBT Star
Coordinator

[Signature]
5/10/26
IQAC Director

[Signature]
Principal

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MARUDHAR KESARI JAIN

College for Women (Autonomous), Vaniyambadi

33
Years
of Educational
Excellence...

Topic: Latex for Mathematical and Scientific Documentation

Date : 21.09.2026 -23.09.2026

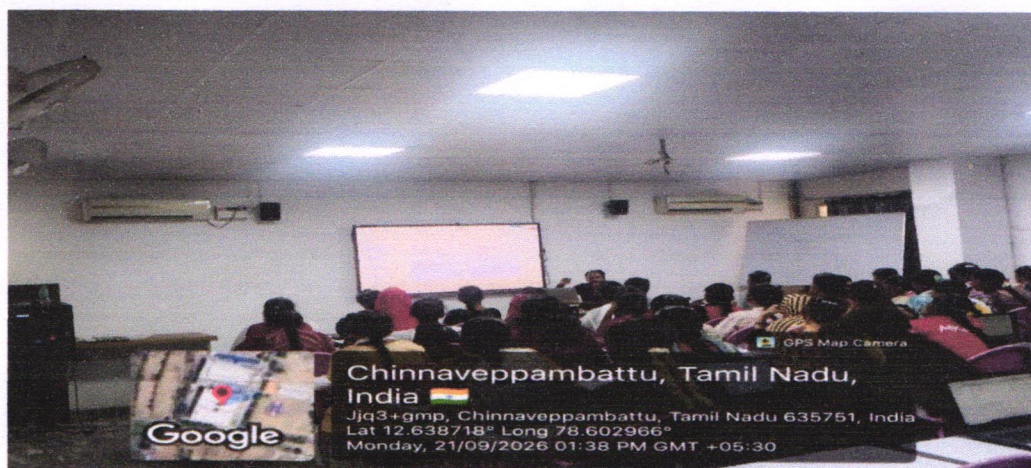
Organized by: PG & Research Department of Mathematics

Supported by

DBT Star College Scheme

DAY: 1

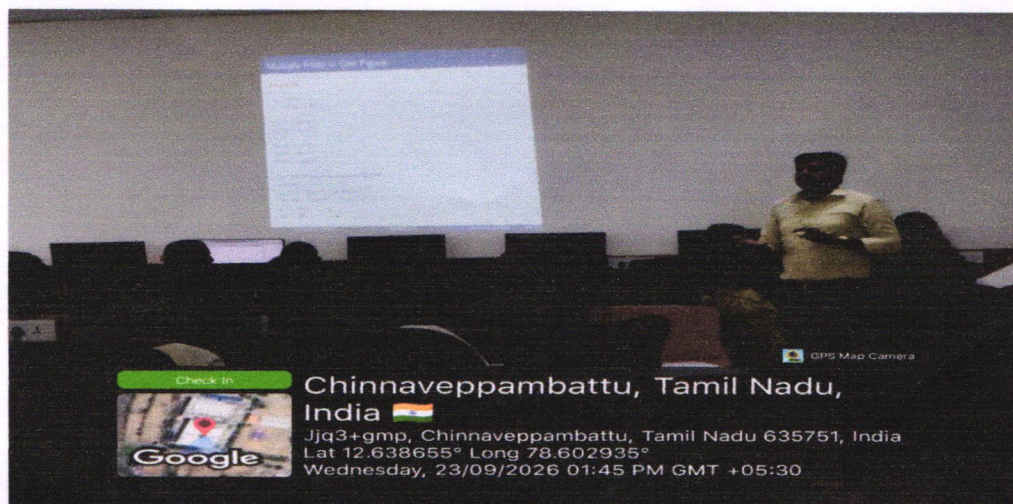
Venue: Sri Roop Rajat AV HALL



Topic: Multi-Paradigm Numerical Computing Environment

DAY: 2

Venue: Data Science Lab



Principal
Marudhar Kesari Jain College
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Vaniyambadi - 635 751,
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