

DR. AMBEDKAR COLLEGE, DEEKSHA BHOOMI, NAGPUR

Department of Mathematics

**One Day Intercollegiate Workshop on Languages of scientific
Writing “Latex” and “Matlab”**

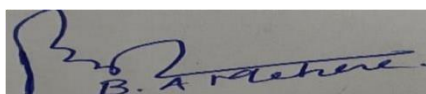
NOTICE

All the students of B.Sc. are hereby informed to attend the One Day Intercollegiate Workshop on Languages of scientific Writing “Latex” and “Matlab” organized by the Department of Mathematics, Dr Ambedkar College, Deekshabhoomi, Nagpur and Sant Gadge Maharaj Mahavidyalaya, Hingna on 19th June 2021 at 2.00 pm.

The speakers for the workshop are

1. Dr. Rajani Anturkar, HOD, Department of Mathematics, Sant Gadge Maharaj Mahavidyalaya, Hingna.
2. Dr. Jitesh Tripathi, Assistant Professor, Department of Mathematics, Dr. Ambedkar College, Deekshabhoomi, Nagpur.

Time: Saturday, 19th June 2021 Time: 2.00pm.



Dr. Mrs. Bhumi Mehere

Principal, Dr. Ambedkar College

Deekshabhoomi, Nagpur.

Co-ordinator

Prof. S.M. Pawar

Associate Professor, Department of Mathematics.

Dr. Ambedkar College, Deekshabhoomi, Nagpur

In collaboration with

Sant Gadge Maharaj Mahavidyalaya, Hingna

organizing

**"One day Workshop on "Languages
for Scientific writing Latex and
Matlab"**

19th June 2021

Join at 2.00 pm

Resource Persons

Dr. Rajani Anturkar
Assistant Professor
Sant Gadge Maharaj
Mahavidyalaya, Hingna

Coordinator
Prof. S.M.Pawar
Head
Department of Mathematics

Dr. Jitesh Tripathi
Assistant Professor
Dr. Ambedkar College,
Deekshabhoomi, Nagpur

Chairperson
Dr. Mrs. B.A.Mehere
Principal

Report:

The students of B.Sc. of Dr. Ambedkar College, Deekshabhoomi, Nagpur and Sant Gadge Maharaj Mahavidyalaya, Hingna attended the One Day Intercollegiate Workshop on Languages of scientific Writing “Latex” and “Matlab” organized by the Department of Mathematics, Dr Ambedkar College, Deekshabhoomi, Nagpur and Sant Gadge Maharaj Mahavidyalaya, Hingna on 19th June 2021 at 2.00 pm. Chairperson for the workshop was Dr. B.A.Mehere, Principal, Dr. Ambedkar College, Deekshabhoomi, Nagpur.

The speakers for the workshop were

1. Dr. Rajani Anturkar, HOD, Department of Mathematics, Sant Gadge Maharaj Mahavidyalaya, Hingna.
2. Dr. Jitesh Tripathi, Assistant Professor, Department of Mathematics, Dr. Ambedkar College, Deekshabhoomi, Nagpur.

Dr. Rajani Anturkar, gave a lecture on the skills of scientific writing using Latex software. She discussed various commands used to prepare a scientific document using LATEX.

Dr. Jitesh Tripathi presented the skills of enriching a scientific article with data interpretation and graphs using MATLAB software. He demonstrated various programming skills used to interpret scientific data and 2D, 3D graph plotting with MATLAB software.

The program was attended by a large number of students from both the colleges. The lectures were followed by question answer sessions in which the speakers were very enthusiastic in answering all their queries.

Prof S.M.Pawar, Co-ordinator of the workshop, introduced the speakers at the beginning and co-ordinated the program. The program ended with the vote of thanks to the speakers and the students for making the program successful.

Photographs:

This screenshot shows a Google Meet window with a screen share of a PowerPoint presentation. The slide is titled "What is LaTeX?" and contains the following text:

- LaTeX is pronounced "lay-tech" or "lah-tech," not "la-tek."
- LaTeX is a document preparation system for high-quality typesetting.
- LaTeX is most often used to produce technical or scientific documents, but it can be used for almost any form of publishing.

The meeting interface shows the presenter's name as Rajani Shelote and a list of participants including Chanda Rane, sushama pawar, vaneshwari chidam, nitya chauke, Nancy Sori, Pragati Khawase, and Shilvani Gohane. The system tray at the bottom indicates the time is 2:05 PM on 6/19/2021.

This screenshot shows a Google Meet window with a screen share of a PowerPoint presentation. The slide is titled "Why Use LaTeX?" and contains the following text:

- Designed by academics and easily accommodates academic use.
- Professionally crafted predefined layouts make a document really look as if "printed."
- Mathematical symbols and equations are easily integrated.
- Even complex structures such as footnotes, references, table of contents, and bibliographies can be generated easily.
- Forces author to focus on logical instead of aesthetic structure of a document.
- Creates more beautiful documents.
- Portable, compatible, flexible, versatile, and cheap (or free)!

The meeting interface shows the presenter's name as Rajani Shelote and a list of participants including Chanda Rane, sushama pawar, vaneshwari chidam, nitya chauke, Nancy Sori, Pragati Khawase, and Sanket Deogade. The system tray at the bottom indicates the time is 2:05 PM on 6/19/2021.

Google Meet - afv-maql-zzv

Rajani Shelote is presenting

Introduction to LaTeX - Dumbrescu (Compatibility Mode) - Microsoft PowerPoint

Installing LaTeX

- On Windows
- MiKTeX
 - MiKTeX is a typesetting system for the Windows.
 - Download from www.miktex.org for free
 - It is generally recommended to install MiKTeX first, then WinEdt.
- TeXnicCenter
 - TeXnicCenter is a text editor.
 - TeXnicCenter creates the source file (.tex and others).
 - Download from www.tetniccenter.org

Meeting details: 2:07 PM, 6/19/2021

Participants: Nikita Pund and 40 more, Rajani Shelote, Amrita Bhattacharya, sushama pawar, vaneshwari chidam, rufuja chauke, Nancy Soni, Pragati Khawase, Chanda Rane

Google Meet - afv-maql-zzv

Rajani Shelote is presenting

TeXnicCenter - [Demo]

```

\documentclass[12pt]{article}
\begin{document}
\title{a sample paper on latex}
\maketitle
\section{Equation of quadratic equation}
\begin{equation}
\label{eq1} \text{\(a\)}b^2 + *b^2 + *c = 0
\end{equation}
\frac{a}{b} + *b^2 + *c = 0
This is first line. \\
this is second line. \\
Your name: \alpha
\end{document}
  
```

Log messages:

```

I found no \citation command---while reading file E:\Thesis of kalpana Pandey\Demo.aux
I found no \bibdata command---while reading file E:\Thesis of kalpana Pandey\Demo.aux
I found no \bibstyle command---while reading file E:\Thesis of kalpana Pandey\Demo.aux
(There were 3 error messages)
Could not find input index file E:\Thesis of kalpana Pandey\Demo nor E:\Thesis of kalpana Pandey\Demo.idx.
Usage: C:\Program Files (x86)\MiKTeX 2.9.1\miktex\bin\miktex.exe [-r logopt] [-o sty] [-c ind] [-c log] [-p num] [dxo idx] ...
LaTeX-Result: 2 Error(s), 1 Warning(s), 1 Bad Box(es), 1 Page(s)
  
```

Meeting details: 2:21 PM, 6/19/2021

Participants: Swati Patel and 40 more, Rajani Shelote, Lukesh Agashe, sushama pawar, vaneshwari chidam, rufuja chauke, Nancy Soni, Mohain Sheikh, Kahlil Wadhwa

Meet - afv-maqq-szv

meet.google.com/afv-maqq-szv?pli=1&authuser=1

Rajani Shelote is presenting

Introduction to LaTeX - Dumitrescu [Compatibility Mode] - Microsoft PowerPoint

Seeing the Document

Press on the smiling bear to convert to .dvi

Press on the PDF+happy bear to convert to .pdf and open it

Press on the PDF/LaTeX to convert to .pdf

Click to add notes

meet.google.com is sharing your screen. Stop sharing Hide

1:54 AM 6/19/2021

Meeting details

Workshop attenda...csv

26°C Rain showers

ENG 2:04 PM 6/19/2021

Turn on captions

Rajani Shelote is presenting

Go to Settings to activate Windows.

(no subject) - rajanishelote@gm... Meet

meet.google.com/afv-maqq-szv

Jitesh Tripathi is presenting

Introduction to Matlab

Matlab

- Stands for MATRIX LABORatory
- Interpreted language
- Scientific programming environment
- Very good tool for the manipulation of matrices
- Great visualisation capabilities
- Loads of built-in functions
- Easy to learn and simple to use

Click to add notes

1:57 AM | afv-maqq-szv

Pradya Telang

37 others

You

Omprakash Dalal

VIPUL AKHARE

Lukesh Agashe

Mohsin Sheikh

sushama pawar

Jitesh Tripathi

Failed - Download error

1:57 AM 6/19/2021

meet.google.com/afv-maqq-szv

Jitesh Tripathi is presenting

Variables

- Don't have to declare type
- Don't even have to initialise
- Just assign in command window

```
>> a=12; % variable a is assigned 12
```

Labels: Matlab prompt, assign operator, suppress command output, comment operator

MOHIT TITAR has left the meeting

Jitesh Tripathi

sushama pawar

Mohsin Sheikh

Lukesh Agashe

VIPUL AKHARE

Tanmay Fale

vaneshwari chidam

34 others

You

2:00 AM | afv-maqq-szv

IMG-20210619-W...jpg Failed - Download error

Type here to search

2:00 AM 6/19/2021

meet.google.com/afv-maqq-szv

Jitesh Tripathi is presenting

Functions

- Programming in Matlab.
- Users can write functions which can be called from the command line.
- Functions can accept input variable(s) and will output variable(s).
- Functions will **not** manipulate variable(s) in the Matlab Workspace.
- In Matlab functions closely resemble scripts and can be written in the Matlab editor. Matlab functions have the function keyword.
- Remember that the filename of a function will be its calling function name.
- Don't overload any built-in functions by using the same filename for your functions or scripts!
- Functions can be opened for editing using the open command. Many built-in Matlab functions can also be viewed using this command.

Jitesh Tripathi

sushama pawar

Mohsin Sheikh

Lukesh Agashe

VIPUL AKHARE

Ashwini Dhole

vaneshwari chidam

33 others

You

2:08 AM | afv-maqq-szv

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2:08 AM 6/19/2021

(no subject) - rajanishelote@gmail.com x Meet

meet.google.com/afv-maqq-szv

Nikita Gadge

vaneshwari chidam

Nancy Soni

sushama pawar

Jitesh Tripathi

rutuja chauke

Pragati Khawase

28 others

Turn off camera (ctrl + e)

1:32 AM | afv-maqq-szv

IMG-20210619-W...jpg

IMG-20210619-W...jpg
Failed - Download error

Show all

Type here to search

1:32 AM
6/19/2021