

K.T.S.P. MANDAL'S

**HUTUTMA RAJGURU MAHAVIDYALAYA, RAJGURUNAGAR
TAL-KHED, DIST-PUNE 410 505**

DEPARTMENT OF MATHEMATICS, STATISTICS, AND CHEMISTRY

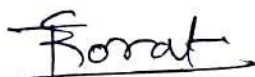
BRIEF REPORT OF SHORT-TERM COURSE

LaTeX: The Typesetting Software

Sr. No.	Particulars	Details
1	Date	10/04/2023-24/04/2023
2	Name of the event	Short-Term Course on LaTeX: The Typesetting Software
3	Duration of the programme	30 Hrs
4	Venue	Hutatma Rajguru Mahavidyalaya, Rajgurunagar
5	Name of coordinator	Prof. R. M. Wayal
6	Number of Participants	22
7	Activity belongs to which criteria	Criteria I
8	Curricular/Co-Curricular/Extra-Curricular	Extra-Curricular

Department of Mathematics, Statistics, and Chemistry organized Short-Term Course on LaTeX: The Typesetting Software for S.Y.B.Sc. and M.Sc. students from 10th April 2023 to 24th April 2024. The LaTeX is a powerful typesetting software widely used for the preparation of academic and research documents; it is

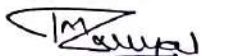
an essential tool for pursuing mathematics and science-related disciplines. The short-term course was conducted by experienced faculty members from the Mathematics Department, who have a deep understanding of LaTeX and its applications in academic writing. Students were provided with an overview of what LaTeX is and its advantages over conventional word processors. Hands-on training on essential LaTeX command for document creation, formatting, mathematical notations, including sections, chapters, table, figures, mathematical equations, and chemical reactions etc. was given to students. This short-term course was helpful in enhancing students understanding of LaTeX and its capabilities, improve their confidence in using LaTeX for academic assignments and research. Feedback from participants was overwhelmingly positive.



Prof. S. R. Thorat

HEAD,

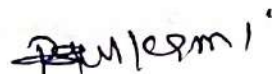
**DEPARTMENT OF STATISTICS
HUTATMA RAJGURU MAHAVIDYALAYA - RAJGURUNAGAR**



Prof. R. M. Wayal

Head

**Department of Mathematics
Hutatma Rajguru
Mahavidyalaya, Rajgurunagar**



Dr. P. S. Kulkarni

Head

**Department of Chemistry
Hutatma Rajguru Mahavidyalaya
Rajgurunagar**

Name of Department	: Department of Mathematics, Statistics, and Chemistry
Name of short-term course	: LaTeX: The Typesetting Software
Objectives of the course	: The purpose of this course is <ul style="list-style-type: none"> 1) To provide an understanding of the basic mechanisms of LaTeX using plain text as a vehicle. 2) To acquaint students with the latest typesetting skills, which shall enable them to prepare high quality typesetting. 3) To acquaint students with the typesetting basic Mathematics in LaTeX.
Course outcome	: After completing this course the student will be able to: <ul style="list-style-type: none"> 1) Know basic information about LaTeX. 2) Format words, lines and paragraphs. 3) Present data in tabular form. 4) Insert and draw a figure in the document. 5) Type Mathematical equations. 6) Write a article in LaTeX software.
Evaluation Process	: Test (No. of students appear - 22 , Absent -00)
Duration of the process	: Two weeks.

1) **Name of Department** : Mathematics, Statistics and Chemistry

2) **Name of Course** : LaTeX : The Typesetting Software

3) **Duration of Course** : 30 Hrs.

4) **No. of participants**:22

5) **Syllabus**:

Sr. No.	Unit
1.	<u>Introduction</u> 1.1 Definition and applications of LaTeX 1.2 Preparation and compilation of LaTeX file 1.3 LaTeX syntax : commands, environment and packages
2.	<u>Fonts Selection</u> 2.1 Text-Mode Fonts 2.2 Math-Mode Fonts 2.3 Emphasized Fonts 2.4 Colored Fonts
3.	<u>Formatting Text</u> 3.1 Labeling 3.2 Texts alignment 3.3 New lines and paragraphs 3.4 Blank Spaces 3.5 Preventing line break 3.6 Adjusting blank space after a period mark 3.7 Hyphenating a word
4.	<u>Listing Texts</u> 4.1 Numbered listing through the enumerate environment 4.2 Unnumbered listing through the itemize environment 4.3 Nesting various listing environments
5.	<u>Table Preparation</u> 5.1 Table through the tabular environment 5.2 Table through the tabularx environment
6.	<u>Figure Insertion</u> 6.1 Inserting a simple figure 6.2 Side-by-side figures

7.	6.3 Rotated figures <u>Figure Drawing</u> 7.1 Circles and circular arcs 7.2 Straight lines and vectors 7.3 Curves
8.	<u>Equation Writing</u> 8.1 Basic Mathematical notations and delimiters 8.2 Simple equations 8.3 Array equations 8.4 Splitting an equations in multiple lines 8.5 Vector and matrix 8.6 Chemical reaction

6) Course outcome :

After completing this course the student will be able to:

- i. Know basic information about LaTeX.
- ii. Format words, lines and paragraphs.
- iii. Present data in tabular form.
- iv. Insert and draw a figure in the document.
- v. Type Mathematical equations.
- vi. Write a article in LaTeX software.

K.T.S.P. Mandal's
HUTATMA RAJGURU MAHAVIDYALAYA , RAJGURUNAGAR
Department of Mathematics, Statistics, and Chemistry
Short-Term Course 2022-23
LaTeX: The Typesetting Software
Time Table

Sr.No.	Date	Time	No. of Lectures	Name faculty
1	10/04/2023	11.30 - 12.30	Theory	Prof. Wayal R.M.
		12.30 - 3.30	Practical	Prof. Wayal R.M.
2	11/04/2023	11.30 - 12.30	Theory	Prof. Wayal R.M.
		12.30 - 3.30	Practical	Prof. Wayal R.M.
3	12/04/2023	11.30 - 12.30	Theory	Prof. Rakshe A R.
		12.30 - 3.30	Practical	Prof. Rakshe A R.
4	13/04/2023	11.30 - 12.30	Theory	Prof. Wayal R.M.
		12.30 - 3.30	Practical	Prof. Wayal R.M.
5	17/04/2023	11.30 - 12.30	Theory	Prof. Wayal R.M.
		12.30 - 3.30	Practical	Prof. Wayal R.M.
6	19/04/2023	11.30 - 12.30	Theory	Prof. Thorat S.R.
		12.30 - 3.30	Practical	Prof. Thorat S.R.
7	21/04/2023	11.30 - 12.30	Theory	Prof. Wayal R.M.
		12.30 - 3.30	Practical	Prof. Wayal R.M.
8	23/04/2023	11.00-12.30	Examination	Prof. Wayal R.M.
9	24/04/2023	11.00-12.30	Examination	Prof. Wayal R.M.

K.T.S.P. Mandal's
Hutatma Rajguru Mahavidyalaya Rajgurunagar
Department of Mathematics, Statistics and Chemistry
Short-Term Course 2022-23
LaTeX : The Typesetting Software
List of Student

Sr. No.	Name	Class
1	Dangle Sahil Santosh	S. Y. B. Sc.
2	Aliya Sardar Inamdar	S. Y. B. Sc.
3	Kadam Rutuja Ananta	S. Y. B. Sc.
4	Khatal Mayuri Anil	S. Y. B. Sc.
5	Ladake Vinayak Dattatray	S. Y. B. Sc.
6	Sanket Chandrakant Lohar	S. Y. B. Sc.
7	Mhase Dhanashri Rajendra	S. Y. B. Sc.
8	Shinde Vaishnavi Rajesh	S. Y. B. Sc.
9	Sabale Sakshi Navnath	S. Y. B. Sc.
10	Sawant Shivani Shivaji	S. Y. B. Sc.
11	Prajval Arvind Sawte	S. Y. B. Sc.
12	Shinde Vaishnavi Sunil	S. Y. B. Sc.
13	Thigale Anurag Ramdas	S. Y. B. Sc.
14	Waghule Shruti Sahebrao	S. Y. B. Sc.
15	Adawale Pooja Ramdas	M. Sc.
16	Andre Karishma Rajaram	M. Sc.
17	Chaudhari Pragati Subhash	M. Sc.
18	Gore Durga Bhagvan	M. Sc.
19	Jambhale Pranjal Mahesh	M. Sc.
20	Pokharkar Komal Balasaheb	M. Sc.
21	Rakshe Akshata Machindra	M. Sc.
22	Walunj Utkarsha Sanjay	M. Sc.

K.T.S.P. Mandal's
Hutatma Rajguru Mahavidyalaya Rajgurunagar
Department of Mathematics, Statistics and Chemistry
Short-Term Course 2022-23
LaTeX : The Typesetting Software
Examination

Date-23/4/2023

Time-11.00-12.30

Marks-30

Attempt any six of the following

- Q.1) Prepare a document containing title, name of author and date.
- Q.2) Using LaTeX write the following sentence in italic boldface with 12 point size in red color. Calculus is the branch of Mathematics which deals with the study of derivatives and integrations.
- Q.3) Prepare the following list

Hutatma Rajguru Mahavidyalaya, Rajgurunagar

Class: S.Y.B.Sc.

Subject: Mathematics

- 1. Linear Algebra
 - (a) Matrices and system of linear equations
 - (b) Vector Space-I
 - (c) Vector Space-II
- 2. Vector Calculus
 - (a) Vector-Valued function
 - (b) Integrals
 - (c) Surface integral

- Q.4) Prepare your Resume containing Name, Date of birth, Address, Qualification, Contact number.
- Q.5) Construct the following table

Table 1: Time-Table

	Monday	Tuesday	Wednesday
Time	Mathematics	Physics	Chemistry

Q.6) Insert figure with width 6cm and height 7.5 cm.

Q.7) Type the following equation

$$x = r \cos \phi \sin \theta, \quad (1)$$

$$y = r \sin \phi \sin \theta,$$

$$z = r \cos \theta \quad (2)$$

Q.8) Type following matrix

$$\begin{bmatrix} 1 & 2 & -4 \\ 3 & -4 & 5 \\ 5 & -7 & 4 \end{bmatrix}$$

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Hutatma Rajguru Mahavidyalaya Rajgurunagar
Department of Mathematics, Statistics and Chemistry
Short-Term Course 2022-23
LaTeX : The Typesetting Software
Examination

Date-24/4/2023

Time-11.00-12.30

Marks-30

Attempt any six of the following

Q.1) Prepare the following document

Hutatma Rajguru Mahavidyalaya, Rajgurunagar

Class-M.Sc.II

Date:24/4/2023

Time: 11.00-12.30

Marks:30

Q.2) Prepare the following document

1. Co-ordinator
2. India-Delhi
3. Wheather condition—Like hot

Q.3) Prepare the following list

- F.Y.B.Sc. A Group
 - Mathematics
 - Statistics
 - Physics
 - Chemistry
- F.Y.B.Sc. B Group
 - Botany
 - Zoology
 - Physics
 - Chemistry

Q.4) Prepare the following list

Menu Card

Item	:	Prize in Rs.
Wada pav	:	15
Pizza	:	250
Chicken Burger	:	500

Q.5) Construct the following table

Table 1: Time-Table

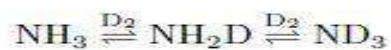
	Monday	Tuesday	Wednesday	
Time	8.20-9.10	Mathematics	Physics	Chemistry

Q.6) Write a simple LaTeX code showing clock wise rotated image by 45 degree.

Q.7) Type the following equation

$$\lim_{n \rightarrow \infty} \frac{n^3 - \sqrt{n} + 1}{n^5 + 1} \quad (1)$$

Q.8) Type the following reaction



K.T.S.P. Mandal's
Hutatma Rajguru Mahavidyalaya Rajgurunagar
Department of Mathematics, Statistics and Chemistry
Short-Term Course 2022-23
LaTeX : The Typesetting Software

Sr. No.	Name	Class	Grade
1	Dangle Sahil Santosh	S. Y. B. Sc.	O
2	Aliya Sardar Inamdar	S. Y. B. Sc.	O
3	Kadam Rutuja Ananta	S. Y. B. Sc.	O
4	Khatal Mayuri Anil	S. Y. B. Sc.	O
5	Ladake Vinayak Dattatray	S. Y. B. Sc.	B
6	Sanket Chandrakant Lohar	S. Y. B. Sc.	O
7	Mhase Dhanashri Rajendra	S. Y. B. Sc.	O
8	Shinde Vaishnavi Rajesh	S. Y. B. Sc.	O
9	Sabale Sakshi Navnath	S. Y. B. Sc.	O
10	Sawant Shivani Shivaji	S. Y. B. Sc.	O
11	Prajval Arvind Sawte	S. Y. B. Sc.	A
12	Shinde Vaishnavi Sunil	S. Y. B. Sc.	O
13	Thigale Anurag Ramdas	S. Y. B. Sc.	B
14	Waghule Shruti Sahebrao	S. Y. B. Sc.	O
15	Adawale Pooja Ramdas	M. Sc.	O
16	Andre Karishma Rajaram	M. Sc.	O
17	Chaudhari Pragati Subhash	M. Sc.	A
18	Gore Durga Bhagvan	M. Sc.	O
19	Jambhale Pranjal Mahesh	M. Sc.	O
20	Pokharkar Komal Balasaheb	M. Sc.	O
21	Rakshe Akshata Machindra	M. Sc.	O
22	Walunj Utkarsha Sanjay	M. Sc.	A

K.T.S.P. Mandal's

Hutatma Rajguru Mahavidyalaya Rajgurunagar

Department of Mathematics, Statistics and Chemistry

Short-Term Course 2022-23

LaTeX : The Typesetting Software

Date - 10/04/2023

Sr. No.	Name	Theory	Practical
1.	Pokharkar Komal Balasaheb	<u>Bomal</u>	<u>Bomal</u>
2.	Mhase Dhanashri Rajendra	Bhase	Bhase
3.	Kadam Rutuja Ananta	<u>Budha</u>	<u>Budha</u>
4.	Khatol Mayuri Anil	<u>Bukhatol</u>	<u>Bukhatol</u>
5.	Jawant Shivani Shivaji	<u>Shivani</u>	<u>Shivani</u>
6.	Jamdar Aliya Sardar	Jamdar	Jamdar
7.	Shruti Sahebzao Waghule	<u>Waghule</u>	<u>Waghule</u>
8.	Shinde Vaishnavi Sunil	<u>Shinde</u>	<u>Shinde</u>
9.	Shinde Vaishnavi Rajesh	<u>Shinde</u>	<u>Shinde</u>
10.	Gore Durga Bhagvan	<u>Gore</u>	<u>Gore</u>
11.	Vinayak Ladake	<u>Vinayak</u>	<u>Vinayak</u>
12.	Sanket Lohar	<u>Lohar</u>	<u>Lohar</u>
13.	Sahil Dangle	<u>Sahil</u>	<u>Sahil</u>
14.	Prajwal Sawate	<u>Sawate</u>	<u>Sawate</u>
15.	Sable Sakshi Navnath	<u>Sakshi</u>	<u>Sakshi</u>
16.	Adawale Pooja Ramdas	<u>Adawale</u>	<u>Adawale</u>
17.	Chaudhari Pragati Subhash	<u>Pragati</u>	<u>Pragati</u>
18.	Raksha Akshata Machindra	<u>Raksha</u>	<u>Raksha</u>
19.	Jambhale Pranjali Mahesh	<u>Jambhale</u>	<u>Jambhale</u>

Topic: Introduction,
Font selection

Name of Teacher:

Pranjali
Waghale R.M.

K.T.S.P. Mandal's

Hutatma Rajguru Mahavidyalaya Rajgurunagar
Department of Mathematics, Statistics and Chemistry

Short-Term Course 2022-23

LaTeX : The Typesetting Software

Date - 11/04/2023

Sr. No.	Name	Theory	Practical
1.	Pokharkar Komal Balasaheb	Borna	Borna
2.	Mhase Dhanashri Rajendra	Bornale	Bornale
3.	Kadam Rutuja Ananta	Ruelm	Ruelm
4.	Khatal Mayuri Anil	Bakhatal	Bakhatal
5.	Ankita Biradar	Ankita	Ankita
6.	Shruti Sahebaoo Waghule	Waghule	Waghule
7.	Shinde Vaishnavi Sunil	Shinde	Shinde
8.	Tramdar Aliya Sardar	Boradar	Boradar
9.	Walunj Uttarksha Sanjay.	Borunj	Borunj
10.	Gore Durga Bhagvan	Bore	Bore
11.	Sable Sakshi Navnath	Sakshi	Sakshi
12.	Shinde Vaishnavi Rajesh	Shinde	Shinde
13.	Dangle Sahil Santosh	Sahil	Sahil
14.	Vinayak Ladke	Dinayak	Dinayak
15.	Sanket Lohar	Sohar	Sohar
16.	Prajwal Sawate	Aruate	Aruate
17.	Anurag Thigale	Sant	Sant
18.	Adawale Pooja Ramdas	Adawale	Adawale
19.	Andre Karishma Rajaram	Karishma	Karishma
20.	Chaudhary Pragati Subhash	Pragati	Pragati
21.	Rakhe Akshata Machindra	Rakhe	Rakhe
22.	Jambhale Prajwal Manesh	Pimbhale	Pimbhale
23.	Sawant Shivani Shivaji	Shivani	Shivani

Topic: Formatting Text

Name of Teacher: Wajal R.M.

K.T.S.P. Mandal's

Hutatma Rajguru Mahavidyalaya Rajgurunagar

Department of Mathematics, Statistics and Chemistry

Short-Term Course 2022-23

LaTeX : The Typesetting Software

Date - 12-04-23

Sr. No.	Name	Theory	Practical
1.	Pokharkar Komal Balasaheb	Bomal	Bomal
2.	Andre Karishma Rajaram	Karishma	Karishma
3.	Walunj Utkarsha Sanjay	Utkarsha	Utkarsha
4)	Pooja Ramdas Adawale	Adawale	Adawale
5)	Pragati Subhash Chaudhari	Pragati	Pragati
6)	Jambhale Pranjali Manesh	Jambhale	Jambhale
7)	Sanket Lonar	Lonar	Lonar
8)	Sahil Dangale	Sahil	Sahil
9)	Anurag Thigale	Anurag	Anurag
10)	Vinayak Ladake	Vinayak	Vinayak
11)	Shinde Vaishnavi Rajesh	Shinde	Shinde
12)	Sable Sakshi Navnath	Sakshi	Sakshi
13)	Inamdar Aliya Sardar	Inamdar	Inamdar
14)	Mhase Dhamaski Rajendra	Mhase	Mhase
15)	Raksh Akshata Machindra	Raksh	Raksh
16)	Khadal Mayuri Anil	Khadal	Khadal
17)	Jawant Shivani Shivaji	Shivani	Shivani
18)	Shinde Vaishnavi Sunil	Shinde	Shinde
19)	Kadam Rutuja Ananta	Rutuja	Rutuja

Topic: Listing Texts

Name of Teacher: Raksh A.R.

K.T.S.P. Mandal's

Hutatma Rajguru Mahavidyalaya Rajgurunagar

Department of Mathematics, Statistics and Chemistry

Short-Term Course 2022-23

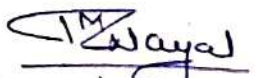
LaTeX : The Typesetting Software

Date - 13-04-23

Sr. No.	Name	Theory	Practical
1.	Sanket Chandrakant Lohar	Lohar	Lohar
2.	Prajwal Arvind Sawate	Sawate	Sawate
3.	Sabil Santosh Dangle	Sabil	Sabil
4.	Vinayak Dattatray Ladke	Vinayak	Vinayak
5.	Sable Sakshi Navnath	Sakshi	Sakshi
6.	Shinde Vaishnavi Rajesh	Shinde	Shinde
7.	Mhase Dhanashri Rajendra	Mhase	Mhase
8.	Kadern Rutuja Ananta	Rutuja	Rutuja
9.	Waghule Shrutika Sahebrao	Waghule	Waghule
10.	Ipamdar Atiya Sardar	Ipamdar	Ipamdar
11.	Kohinkar pratiksha vijay	Kohinkar	Kohinkar
12.	Pokharkar Komal Balasahab	Komal	Komal
13.	Gore Purnga Bhagvan	Gore	Gore
14.	Pooja Ramdas Adawale	Adawale	Adawale
15.	Pragati Subhash Chaudhari	Pragati	Pragati
16.	Karishma Kajanan Anand	Karishma	Karishma
17.	Rakhe Akshata Machindra	Rakhe	Rakhe
18.	Jambhale Pranjali Mahesh	Jambhale	Jambhale
19.	Sawant Shivani Shivaji	Shivani	Shivani
20.	Mayuri Anil Khatke	Mayuri	Mayuri

Topic: Table Preparation

Name of Teacher:


Wayal R.M.

K.T.S.P. Mandal's

Hutatma Rajguru Mahavidyalaya Rajgurunagar

Department of Mathematics, Statistics and Chemistry

Short-Term Course 2022-23

LaTeX : The Typesetting Software

Date - 17/4/23

Sr. No.	Name	Theory	Practical
1	Mayuri Anil Khatal	Khatal	Khatal
2	Jadhavi Shivaji Jawant	Shivaji	Shivaji
3	Sahil Santosh Dangle	Shil	Shil
4	Sonket Chandrakant Lohar	Falhar	Falhar
5	Vinayak Ladoke	Dinayak	Dinayak
6	Prajwal Sawate	Aawate	Aawate
7	Anurag Jhigale	Anurag	Anurag
8	Jambhale Pranjal Mahesh	Primbhale	Primbhale
9	Raksh Akshata Machindra	Vankar	Vankar
10	Waghule Shweta Sahebrao	Waghule	Waghule
11	Shinde Vaishnavi Sunil	Shinde	Shinde
12	Mhase Dhameshri Rajendra	Rmhase	Rmhase
13	Gore Purga Bhagvan	Gore..	Gore..
14	Kalunj Uttarksha Sunjay	Kalunj	Kalunj
15	Andre Karishma Rajaram	Karishma	Karishma
16	Pokharkar Komal Balasaheb	Komal	Komal
17	Chaudhari Pragati Subhash.	Pragati	Pragati
18	Sable Sakshi Navnath	Sakshi	Sakshi
19	Shinde Vaishnavi Rajesh	Shinde	Shinde
20	Pooja Ramdas Adawale	Adawale	Adawale
21	Inamdar Aliya Sardar	Inamdar	Inamdar
22	Kadam Rutuja Ananta	Rutuja	Rutuja

Topic: Figure insertion

Name of Teacher:

Wajal R.M.

K.T.S.P. Mandal's
Hutatma Rajguru Mahavidyalaya Rajgurunagar
 Department of Mathematics, Statistics and Chemistry
 Short-Term Course 2022-23
 LaTeX : The Typesetting Software

Date - 19/4/23

Sr. No.	Name	Theory	Practical
1.	Gore Durga Bhagvan.	Gore	Gore
2.	Jambhale Pranjal Mahesh	JM Jambhale	JM Jambhale
3.	Raksh Akshata Machindra	Raksh	Raksh
4.	Pooja Ramdas Adawale	Adawale	Adawale
5.	Chaudhari Pragati Subhash	Pragati	Pragati
6.	Walunj Utkarsha Sanjay.	Walunj	Walunj
7.	'Andre Karishma Rajaram	Karishma	Karishma
8.	Pokharkar Komal Balasaheb	Komal	Komal
9.	Sanket Chandrakant Lohar	Lohar	Lohar
10.	Sahil Sanjosh Dangle	Sahil	Sahil
11.	Vinayak Dattatray Ladke	Vinayak	Vinayak
12.	Mhase Dharmeshi Rajendra	Mhase	Mhase
13.	Kadam Rutuja Ananta	Kadam	Kadam
14.	Khatal Mayuri Anil	Khatal	Khatal
15.	Sawant Shivani Shivaji	Shivani	Shivani
16.	Waghule Shruti Sahebrao	Waghule	Waghule
18-17	Aliya Inamdar	Aliya	Aliya
18	Vaishnavi Rajesh Shinde	Vaishnavi	Vaishnavi
19	Vaishnavi Shinde	Vaishnavi	Vaishnavi
20	Jakshi Jable	Jakshi	Jakshi

Topic: Figure Drawing

Name of Teacher: Thorat S.R.

K.T.S.P. Mandal's

Hutatma Rajguru Mahavidyalaya Rajgurunagar

Department of Mathematics, Statistics and Chemistry

Short-Term Course 2022-23

LaTeX : The Typesetting Software

Date - 21-04-23

Sr. No.	Name	Theory	Practical
1.	Vaishnavi Sunil Shinde	Shinde	Shinde
2.	Waghule Shruuti Sahebrao	Waghule	Waghule
3.	Mhase Dhameshri Rajendra	Mhase	Mhase
4.	Mayuri Anil Khatal	Khatal	Khatal
5.	Kadam Rutuja Ananta	Kadam	Kadam
6.	Dangle Sahil Santosh	Dangle	Dangle
7.	Pravara Arvind Sawate	Sawate	Sawate
8.	Anurag Ramdas Thigale	Thigale	Thigale
9.	Sanket Chandrakant Lonar	Lonar	Lonar
10.	Vinayak Dattatray Ladake	Vinayak	Vinayak
11.	Shinde Vaishnavi Rajesh	Shinde	Shinde
12.	Sawant Shivani Shivaji	Shivaji	Shivaji
13.	Sable Sakshi Navnath	Sakshi	Sakshi
14.	Isamdar Abiya Wardar	Isamdar	Isamdar
15.	Raksha Akshata Machindra	Raksha	Raksha
16.	Chaudhari Pragati Subhash	Pragati	Pragati
17.	Pooja Ramdas Adawale	Adawale	Adawale
18.	Jambhale Pranjal Mahesh	Jambhale	Jambhale
19.	Gore Durga Bhagvan	Gore ...	Gore ...
20.	Polchurkar Komal Balasahab	Komal	Komal
21.	Andre Karishma Rajaram	Karishma	Karishma
22.	Nalun] Utkarsha Sanjay.	Utkarsha	Utkarsha

Topic: Equation writing

Name of Teacher:

Waghat R.M.

K.T.S.P. Mandal's

Hutatma Rajguru Mahavidyalaya Rajgurunagar

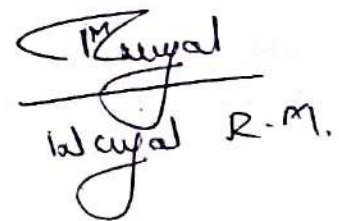
Department of Mathematics, Statistics and Chemistry

Examination: Short-Term Course 2022-23

LaTeX : The Typesetting Software

Date - 23/04/2023

Sr. No.	Name	Sign
1	Vaishnavi Sunil Shinde	Shinde
2	Waghule Shrutti Sahebrao	Waghule
3	Mhase Dharmeshri Rajendree	Mhase
4	Mayuri Anil Khatal	Khatal
5	Kadam Rutuja Ananta	Kadam
6	Dangle Sahil Santosh	Dangle
7	Pravara Arvind Sawte	Sawte
8	Anurag Ramdas Thigale	Thigale
9	Sanket Chandrakant Lohar	Lohar
10	Vinayak Dattatray Ladake	Ladake
11	Sable Sakshi Navnath	Sable
12	Toamdar Aliya Sardar	Toamdar
13	Sawant Shivani Shivaji	Sawant
14	Shinde Vaishnavi Rajesh	Shinde


Wajayal R.M.

K.T.S.P. Mandal's
Hutatma Rajguru Mahavidyalaya Rajgurunagar
Department of Mathematics, Statistics and Chemistry
Short-Term Course 2022-23
LaTeX : The Typesetting Software

Sr. No.	Name	Class	Grade
1	Dangle Sahil Santosh	S. Y. B. Sc.	O
2	Aliya Sardar Inamdar	S. Y. B. Sc.	O
3	Kadam Rutuja Ananta	S. Y. B. Sc.	O
4	Khatal Mayuri Anil	S. Y. B. Sc.	O
5	Ladake Vinayak Dattatray	S. Y. B. Sc.	B
6	Sanket Chandrakant Lohar	S. Y. B. Sc.	O
7	Mhase Dhanashri Rajendra	S. Y. B. Sc.	O
8	Shinde Vaishnavi Rajesh	S. Y. B. Sc.	O
9	Sabale Sakshi Navnath	S. Y. B. Sc.	O
10	Sawant Shivani Shivaji	S. Y. B. Sc.	O
11	Prajval Arvind Sawte	S. Y. B. Sc.	A
12	Shinde Vaishnavi Sunil	S. Y. B. Sc.	O
13	Thigale Anurag Ramdas	S. Y. B. Sc.	B
14	Waghule Shruti Sahebrao	S. Y. B. Sc.	O
15	Adawale Pooja Ramdas	M. Sc.	O
16	Andre Karishma Rajaram	M. Sc.	O
17	Chaudhari Pragati Subhash	M. Sc.	A
18	Gore Durga Bhagvan	M. Sc.	O
19	Jambhale Pranjal Mahesh	M. Sc.	O
20	Pokharkar Komal Balasaheb	M. Sc.	O
21	Rakshe Akshata Machindra	M. Sc.	O
22	Walunj Utkarsha Sanjay	M. Sc.	A

R. M. Wajal
Wajal R. M.
(co-ordinator)

K. T. S. P. Mandal's
Hutatma Rajguru Mahavidyalaya, Rajgurunagar
Department of Mathematics, Statistics, and Chemistry
Short - Term Course 2022-23
LaTeX: The Typesetting Software
Feedback Form

Name of student: Lohar Sanket Chandrakant
Class: 5th BSc.
e-mail Id : sanketlohar2002@gmail.com
Contact No.: 8975830701

Sr. No.	Particulars	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The objectives of the course were clearly defined		✓			
2	The course contents were easy to follow	✓				
3	The trainers were knowledgeable about the training topic		✓			
4	The course was well organized within stipulated time		✓			
5	Participation and interaction were encouraged		✓			
6	The trainers were well prepared	✓				
7	The facilities provided were adequate and comfortable	✓				
8	Any suggestion for improving the program n/o					

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Hutatma Rajguru Mahavidyalaya, Rajgurunagar
Department of Mathematics, Statistics, and Chemistry
Short - Term Course 2022-23
LaTeX: The Typesetting Software
Feedback Form

Name of student: Waghule shruti
Class: SYBSc.
e-mail Id :
Contact No.: 8421347132

Sr. No.	Particulars	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The objectives of the course were clearly defined	✓				
2	The course contents were easy to follow		✓			
3	The trainers were knowledgeable about the training topic	✓				
4	The course was well organized within stipulated time		✓			
5	Participation and interaction were encouraged			✓		
6	The trainers were well prepared	✓				
7	The facilities provided were adequate and comfortable		✓			
8	Any suggestion for improving the program					

K. T. S. P. Mandal's
Hutatma Rajguru Mahavidyalaya, Rajgurunagar
Department of Mathematics, Statistics, and Chemistry
Short - Term Course 2022-23
LaTeX: The Typesetting Software
Feedback Form

Name of student: PRAJWAL ARVIND SAWTE
Class: SY BSC
e-mail Id: sawteprajwal@gmail.com
Contact No.: 8261073616

Sr. No.	Particulars	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The objectives of the course were clearly defined		✓			
2	The course contents were easy to follow		✓			
3	The trainers were knowledgeable about the training topic	✓				
4	The course was well organized within stipulated time		✓			
5	Participation and interaction were encouraged		✓			
6	The trainers were well prepared		✓			
7	The facilities provided were adequate and comfortable		✓			
8	Any suggestion for improving the program NO.					

K. T. S. P. Mandal's
Hutatma Rajguru Mahavidyalaya, Rajgurunagar
Department of Mathematics, Statistics, and Chemistry
Short - Term Course 2022-23
LaTeX: The Typesetting Software
Feedback Form

Name of student: Vinayak Dattatrya Ladake
Class: SYBSc
e-mail Id : vinayakladke2450@gmail.com.
Contact No.: 7499424597

Sr. No.	Particulars	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The objectives of the course were clearly defined		✓			
2	The course contents were easy to follow		✓			
3	The trainers were knowledgeable about the training topic	✓	✓			
4	The course was well organized within stipulated time		✓			
5	Participation and interaction were encouraged		✓			
6	The trainers were well prepared	✓	✓			
7	The facilities provided were adequate and comfortable		✓			
8	Any suggestion for improving the program					

K. T. S. P. Mandal's
Hutatma Rajguru Mahavidyalaya, Rajgurunagar
Department of Mathematics, Statistics, and Chemistry
Short - Term Course 2022-23
LaTeX: The Typesetting Software
Feedback Form

Name of student: Aliya Sardar Inamdar
Class: SYBSc
e-mail Id: aliyasardar@gmail.com
Contact No.: 9503391305

Sr. No.	Particulars	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The objectives of the course were clearly defined		✓			
2	The course contents were easy to follow	✓				
3	The trainers were knowledgeable about the training topic	✓				
4	The course was well organized within stipulated time		✓			
5	Participation and interaction were encouraged	✓				
6	The trainers were well prepared		✓			
7	The facilities provided were adequate and comfortable		✓			
8	Any suggestion for improving the program NO.					

K. I. S. P. Mandal's
Hutatma Rajguru Mahavidyalaya, Rajgurunagar
Department of Mathematics, Statistics, and Chemistry
Short - Term Course 2022-23
LaTeX: The Typesetting Software
Feedback Form

Name of student: *Mayati Aril khatal*

Class: *SYBSc*

e-mail Id :

Contact No.: *8237958365*

Sr. No.	Particulars	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The objectives of the course were clearly defined	✓				
2	The course contents were easy to follow	✓				
3	The trainers were knowledgeable about the training topic		✓			
4	The course was well organized within stipulated time		✓			
5	Participation and interaction were encouraged		✓			
6	The trainers were well prepared		✓			
7	The facilities provided were adequate and comfortable		✓			
8	Any suggestion for improving the program <i>No</i>					

K. T. S. P. Mandal's
Hutatma Rajguru Mahavidyalaya, Rajgurunagar
Department of Mathematics, Statistics, and Chemistry
Short - Term Course 2022-23
LaTeX: The Typesetting Software
Feedback Form

Name of student: Sawant Shivani Shivaji
Class: S.Y. Bsc
e-mail Id : shivanisawant2050@gmail.com
Contact No.: 9579217352

Sr. No.	Particulars	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The objectives of the course were clearly defined		✓			
2	The course contents were easy to follow	✓				
3	The trainers were knowledgeable about the training topic	✓				
4	The course was well organized within stipulated time		✓			
5	Participation and interaction were encouraged		✓			
6	The trainers were well prepared	✓				
7	The facilities provided were adequate and comfortable		✓			
8	Any suggestion for improving the program No					

K. T. S. P. Mandal's
Hutatma Rajguru Mahavidyalaya, Rajgurunagar
Department of Mathematics, Statistics, and Chemistry
Short - Term Course 2022-23
LaTeX: The Typesetting Software
Feedback Form

Name of student: Sable Sakshi Navnath

Class: S.Y.B.Sc.

e-mail Id : Sakhisable092@gmail.com

Contact No.: 7350657946

Sr. No.	Particulars	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The objectives of the course were clearly defined		✓			
2	The course contents were easy to follow	✓				
3	The trainers were knowledgeable about the training topic	✓				
4	The course was well organized within stipulated time		✓			
5	Participation and interaction were encouraged		✓			
6	The trainers were well prepared	✓				
7	The facilities provided were adequate and comfortable		✓			
8	Any suggestion for improving the program No					

K. T. S. P. Mandal's
Hutatma Rajguru Mahavidyalaya, Rajgurunagar
Department of Mathematics, Statistics, and Chemistry
Short - Term Course 2022-23
LaTeX: The Typesetting Software
Feedback Form

Name of student: Dangle Sahil
Class: SYBsc.
e-mail Id : danglesahil@gmail.com
Contact No.: 8329260200

Sr. No.	Particulars	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The objectives of the course were clearly defined		✓			
2	The course contents were easy to follow	✓				
3	The trainers were knowledgeable about the training topic	✓				
4	The course was well organized within stipulated time		✓			
5	Participation and interaction were encouraged		✓			
6	The trainers were well prepared	✓				
7	The facilities provided were adequate and comfortable		✓			
8	Any suggestion for improving the program No					

K. T. S. P. Mandal's
Hutatma Rajguru Mahavidyalaya, Rajgurunagar
Department of Mathematics, Statistics, and Chemistry
Short - Term Course 2022-23
LaTeX: The Typesetting Software
Feedback Form

Name of student: Shinde Vaishnavi Rajesh

Class: SYBSc.

e-mail Id : vaishnavishinde1883@gmail.com

Contact No.: 8767354488

Sr. No.	Particulars	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The objectives of the course were clearly defined		✓			
2	The course contents were easy to follow		✓			
3	The trainers were knowledgeable about the training topic	✓				
4	The course was well organized within stipulated time		✓			
5	Participation and interaction were encouraged		✓			
6	The trainers were well prepared	✓				
7	The facilities provided were adequate and comfortable		✓			
8	Any suggestion for improving the program No					



K.T.S.P. MANDAL'S

HUTATMA RAJGURU MAHAVIDYALAYA

Rajgurunagar, Ta . Khed, Dist. Pune 410505

Accredited B⁺⁺ Grade by NAAC

CERTIFICATE

This is to certify that

Mr./Mrs. Waghule Shreuti Sakebrao

of FY/SY/T.Y.B.Sc./M.Sc. has successfully completed *Short Term Course* on "LaTeX: The Typesetting Software" organized by Department of Mathematics, Statistics, and Chemistry during 10th April – 24th April, 2023 and obtained Grade 'O'


Co-ordinator


Head


Head


Vice-Principal


Principal



K.T.S.P. MANDAL'S

HUTATMA RAJGURU MAHAVIDYALAYA

Rajgurunagar, Ta . Khed, Dist. Pune 410505

Accredited B⁺⁺ Grade by NAAC

CERTIFICATE

This is to certify that

Mr./Mrs. Rajival Devind Sawte

of FY/SY/T.Y.B.Sc./M.Sc. has successfully completed **Short Term Course** on "LaTeX: The Typesetting Software" organized by Department of Mathematics, Statistics, and Chemistry during 10th April – 24th April, 2023 and obtained Grade A


Co-ordinator


Head


Head


Vice-Principal


Principal



K.T.S.P. MANDAL'S

HUTATMA RAJGURU MAHAVIDYALAYA

Rajgurunagar, Ta . Khed, Dist. Pune 410505

Accredited B⁺⁺ Grade by NAAC

CERTIFICATE

This is to certify that

Mr./Mrs. Shinde Vaishnavi Sunil

of FY/SY/T.Y.B.Sc./M.Sc. has successfully completed Short Term Course on "LaTeX: The Typesetting Software" organized by Department of Mathematics, Statistics, and Chemistry during 10th April - 24th April, 2023 and obtained Grade 'O'


Co-ordinator


Head


Head


Vice-Principal


Principal



K.T.S.P. MANDAL'S

HUTATMA RAJGURU MAHAVIDYALAYA

Rajgurunagar, Ta . Khed, Dist. Pune 410505
Accredited B⁺⁺ Grade by NAAC

CERTIFICATE

This is to certify that

Mr./Mrs. *Gore Durga Bhagwan*

of FY/SY/T.Y.B.Sc./M.Sc. has successfully completed Short Term Course on "LaTeX: The Typesetting Software" organized by Department of Mathematics, Statistics, and Chemistry during 10th April - 24th April, 2023 and obtained Grade *'O'*

S.M. Wajad
Co-ordinator

Ronal
Head

Rajkumari
Head

[Signature]
Vice-Principal

[Signature]
Principal



K.T.S.P. MANDAL'S

HUTATMA RAJGURU MAHAVIDYALAYA

Rajgurunagar, Ta . Khed, Dist. Pune 410505
Accredited B⁺⁺ Grade by NAAC

CERTIFICATE

This is to certify that

Mr./Mrs. Adawale Pooja Ramdas

of FY/SY/T.Y.B.Sc./M.Sc. has successfully completed Short Term Course on "LaTeX: The Typesetting Software" organized by Department of Mathematics, Statistics, and Chemistry during 10th April - 24th April, 2023 and obtained Grade 'O'


Co-ordinator


Head


Head


Vice-Principal


Principal



K.T.S.P. MANDAL'S

HUTATMA RAJGURU MAHAVIDYALAYA

Rajgurunagar, Ta . Khed, Dist. Pune 410505

Accredited B⁺⁺ Grade by NAAC

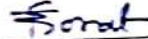
CERTIFICATE

This is to certify that

Mr./Mrs. dede Karishma Rajaram

of FY/SY/T.Y.B.Sc./M.Sc. has successfully completed Short Term Course on "LaTeX: The Typesetting Software" organized by Department of Mathematics, Statistics, and Chemistry during 10th April - 24th April, 2023 and obtained Grade 'O'


Co-ordinator


Head


Head


Vice-Principal


Principal



K.T.S.P. MANDAL'S

HUTATMA RAJGURU MAHAVIDYALAYA

Rajgurunagar, Ta . Khed, Dist. Pune 410505

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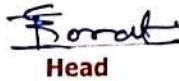
CERTIFICATE

This is to certify that

Mr./Mrs. Chaudhari Pragati Subhash

of FY/SY/T.Y.B.Sc./M.Sc. has successfully completed Short Term Course on "LaTeX: The Typesetting Software" organized by Department of Mathematics, Statistics, and Chemistry during 10th April – 24th April, 2023 and obtained Grade 'A'


Co-ordinator


Head


Head


Vice-Principal


Principal



K.T.S.P. MANDAL'S

HUTATMA RAJGURU MAHAVIDYALAYA

Rajgurunagar, Ta . Khed, Dist. Pune 410505

Accredited B⁺⁺ Grade by NAAC

CERTIFICATE

This is to certify that

Mr./Mrs. *Jambhale Pranjal Mahesh*

of FY/SY/T.Y.B.Sc./M.Sc. has successfully completed Short Term Course on "LaTeX: The Typesetting Software" organized by Department of Mathematics, Statistics, and Chemistry during 10th April - 24th April, 2023 and obtained Grade 'O'

S.M. Jayal
Co-ordinator

Sorath
Head

Ravikanti
Head

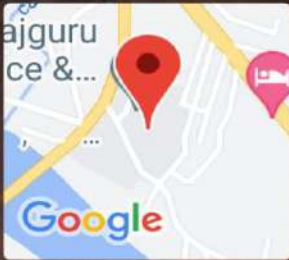
[Signature]
Vice-Principal

[Signature]
Principal





GPS Map Camera



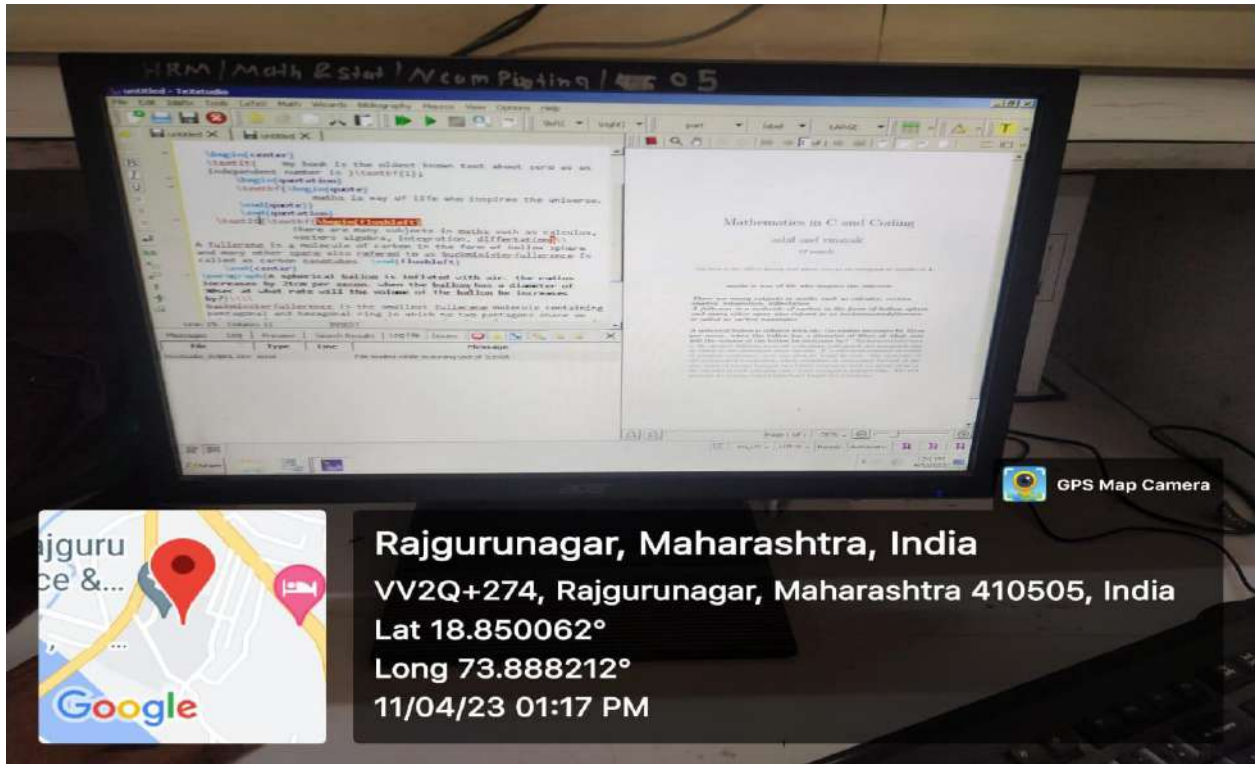
Rajgurunagar, Maharashtra, India
VV2Q+274, Rajgurunagar, Maharashtra 410505, India
Lat 18.849864°
Long 73.888081°
11/04/23 12:48 PM



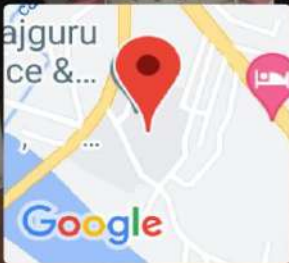
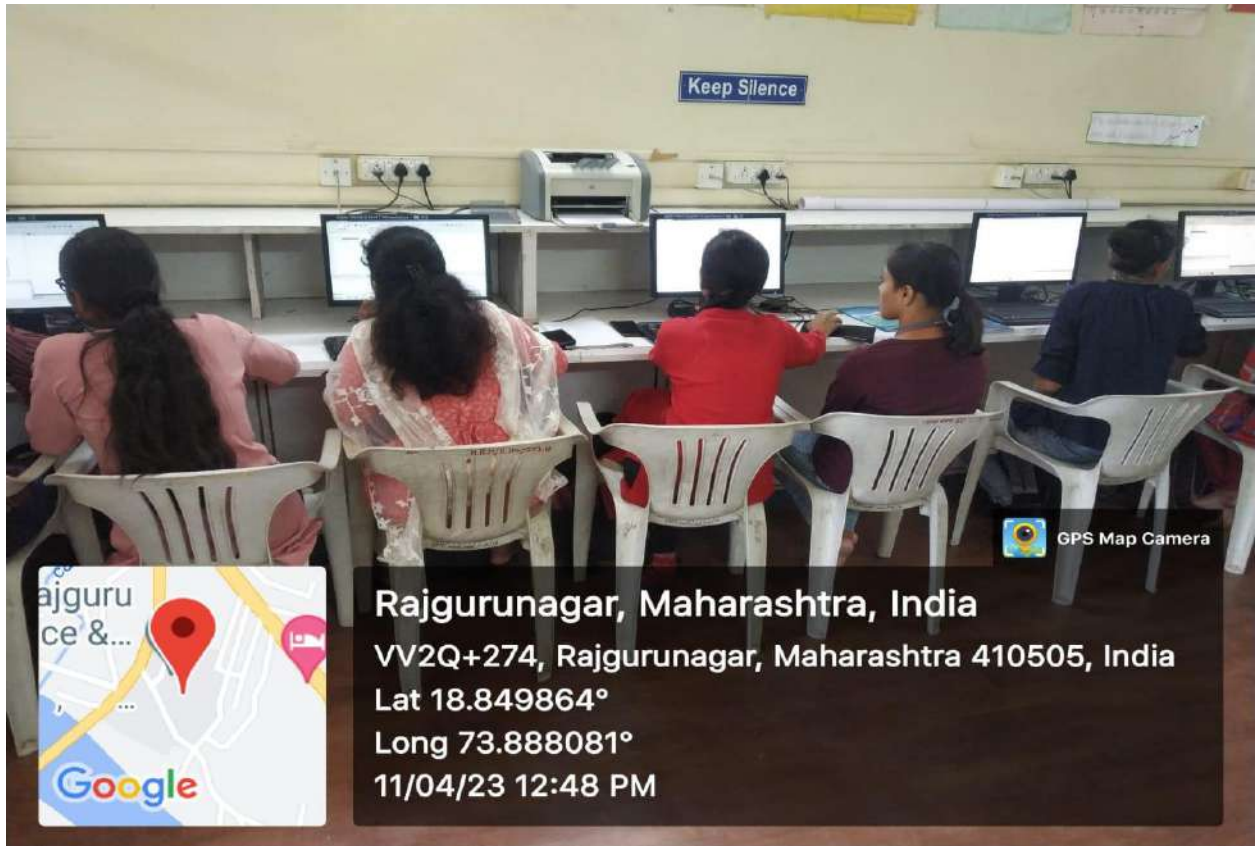
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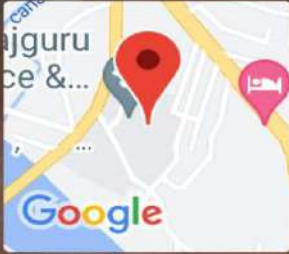
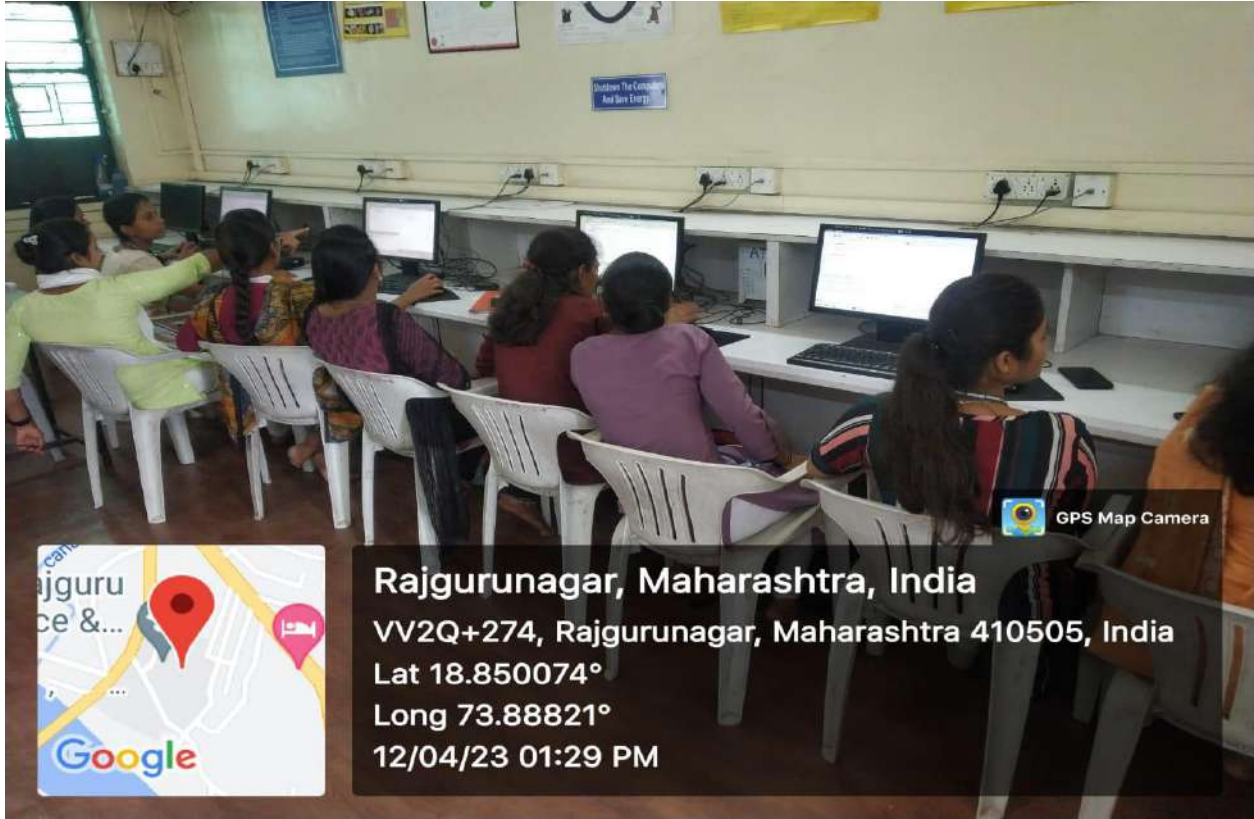
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VV2Q+5CJ, Rajgurunagar, Maharashtra 410505, India
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Long 73.888318°
10/04/23 01:08 PM



Rajgurunagar, Maharashtra, India
VV2Q+274, Rajgurunagar, Maharashtra 410505, India
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Long 73.888212°
11/04/23 01:17 PM



Rajgurunagar, Maharashtra, India
VV2Q+274, Rajgurunagar, Maharashtra 410505, India
Lat 18.849864°
Long 73.888081°
11/04/23 12:48 PM



Rajgurunagar, Maharashtra, India
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Long 73.88821°
12/04/23 01:29 PM



Rajgurunagar, Maharashtra, India
VV2Q+274, Rajgurunagar, Maharashtra 410505, India
Lat 18.850111°
Long 73.888241°
13/04/23 12:48 PM