#### 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 10<sup>th</sup> April 2023 to 24<sup>th</sup> 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 corse 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
OF REMARKAVIDYALAYA - RAJGURUNAGAR

Prof. R. M. Wayal

Department of Mathematics
Hutatma Rajguru
'ahavidyalaya,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

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:

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 Duration of the process**  : Test (No. of students appear - 22, Absent -00)

: 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:

C. No	¥7
Sr. No.	Unit
1.	Introduction
	1.1 Definition and applications of LaTeX
	1.2 Preparation and compilation of LaTeX file
	1.3 LaTeX syntax : commands, environment and
	packages
2.	Fonts Selection
	2.1 Text-Mode Fonts
	2.2 Math-Mode Fonts
	2.3 Emphasized Fonts
	2.4 Colored Fonts
3.	Formatting Text
	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.	Table Preparation
	5.1 Table through the tabular environment
	5.2 Table through the tabularx environment
6.	Figure Insertion
	6.1 Inserting a simple figure
	6.2 Side-by-side figures

	6.3 Rotated figures
7.	Figure Drawing
	7.1 Circles and circular arcs
	7.2 Straight lines and vectors
	7.3 Curves
8.	Equation Writing
	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.

#### 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	Name faculty
			Lectures	
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.

### 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.

### 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

${f Time}$	Monday	Tuesday	Wednesday
8.20-9.10	Mathematics	Physics	Chemistry

- Q.6) Insert figure with width 6cm and height 7.5 cm.
- Q.7) Type the following equation

$$x = r\cos\phi\sin\theta,\tag{1}$$

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

$$z = r\cos\theta \tag{2}$$

Q.8) Type following matrix

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

### 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

Time	Monday	Tuesday	Wednesday
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

$$\lim_{n \to \infty} \frac{n^3 - \sqrt{n+1}}{n^5 + 1} \tag{1}$$

Q.8) Type the following reaction

$$\mathrm{NH_3} \stackrel{\mathrm{D_2}}{\rightleftharpoons} \mathrm{NH_2D} \stackrel{\mathrm{D_2}}{\rightleftharpoons} \mathrm{ND_3}$$

### 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.	О
2	Aliya Sardar Inamdar	S. Y. B. Sc.	О
3	Kadam Rutuja Ananta	S. Y. B. Sc.	0
4	Khatal Mayuri Anil	S. Y. B. Sc.	О
5	Ladake Vinayak Dattatray	S. Y. B. Sc.	В
6	Sanket Chandrakant Lohar	S. Y. B. Sc.	О
7	Mhase Dhanashri Rajendra	S. Y. B. Sc.	О
8	Shinde Vaishnavi Rajesh	S. Y. B. Sc.	0
9	Sabale Sakshi Navnath	S. Y. B. Sc.	0
10	Sawant Shivani Shivaji	S. Y. B. Sc.	0
11	Prajval Arvind Sawte	S. Y. B. Sc.	A
12	Shinde Vaishnavi Sunil	S. Y. B. Sc.	О
13	Thigale Anurag Ramdas	S. Y. B. Sc.	В
14	Waghule Shruti Sahebrao	S. Y. B. Sc.	О
15	Adawale Pooja Ramdas	M. Sc.	0
16	Andre Karishma Rajaram	M. Sc.	0
17	Chaudhari Pragati Subhash	M. Sc.	A
18	Gore Durga Bhagvan	M. Sc.	0
19	Jambhale Pranjal Mahesh	M. Sc.	О
20	Pokharkar Komal Balasaheb	M. Sc.	0
21	Rakshe Akshata Machindra	M. Sc.	О
22	Walunj Utkarsha Sanjay	M. Sc.	A

### 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
١.	Pokhorkor Komal Balosaheb	Somal	gromal
2.	Mhase Dhanashri Rajendra	- Prahose	Traheus
3	Kadam Ruluja Ananla	Buela	Fluller.
4.	Khalal Mayuri Anil	Bythelef	Ochhalil
კ -	Jawant Shivani Shivaji	Shiresi	Shiver
6.	Isamdar Alya Bardar	Barrate	Faradol
7.	Smuli sahebzao Waghule	waguls	Dogule
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10	Gore Durga Bhagian	Gore	Prove,
11	Vinayak Ladake	Qirajok	Dirayak
12	Sanket Lohar	tohar	Sohar
13	Sahil Dangle	= 04-	CAM
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18	Rakshe Akshata Machindra	1 Otherska	Starte
19	Jamphare Pragal mancoh	problate	28bbase

Topic: Introduction, Font selection

Name of Teacher:

### Hutatma Rajguru Mahavidyalaya Rajgurunagar Department of Mathematics, Statistics and Chemistry

Short-Term Course 2022-23 LaTeX: The Typesetting Software

Date - 11/04/2023

1. Potharkor kornal Balasaheb  2. Mhase Dhanashri Rajendra  3. Kudam Rulyia Ananla  4. Khatal Mayuri Anil  5. Antita Biradar  6. Shruti Sahebrao Waghule  8. Thatadar Aliya Rordar  9. Walun Utkorsha Ganjay.  10 Gore Durga Bhagyan  11 Sahle sakshi Alaynath  12 Shinde Vaishnavi Rajesh  13 Porgic Sahil Santosh  14 Vindyak Ladke  15 Sankel Lohar  16 Prajwal Sawate  17 Anurag Thigale  18 Adawale Pooja Ramday  20 Chaydhabi Pragati Subhash  21 Rakhe Akshata Machindra  22 Jambhale Pro O'al Manesh  23 Sawant Shivuni Shivoji Sliven  24 Shiver  25 Shiver  26 Prajwal Sawate  27 Andre Korishma Rajerrum  28 Chaydhabi Pragati Subhash  29 Chaydhabi Pragati Subhash  20 Chaydhabi Pragati Subhash  21 Rakhe Akshata Machindra  22 Jambhale Pro O'al Manesh  23 Sawant Shivuni Shivoji Sliven	Sr.	Name	Theory	Practical
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15 Sanket Lohar  16 Prajwal Sawate  17 Anurag Thigale  18 Adawale Pooja Ramdow  19 Andre Korishma Rajaram Koniaghda Koniaghda  20 Chaudhar Pragati Subhash Kagasati Kagasat  21 Rakhe Akshata Machindra  22 Jambhne Pragal Manesh pribhale Phibhale  23 Sawant Shivani Shivoji Shivei Shivei		Nimuar looke	Oi rajak	Dirayak
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17 Anurag Thigale  18 Adawale Pooja Ramdow - Adaute House  19 Andre Korishma Rajaram Korisajahah Korisajahah  20 Chaudhasi Pragati Subhash Korgotati Kragati  21 Rakshe Akshata Machindra Tarakue Pragati  22 Jambhale Pragal Manesh pribhale phibhale  23 Sawant Shivani Shivaji Shivei Shivei	A STATE OF THE STA	Sauket Folia:	Water State of State	Acuela -
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18 Adawale Pooja Kanidas  19 Andre Korishma Rajaram Karilajahda Karilajahda  20 Chaudhari Pragati subhash Karajahda Karilajahda  21 Rakshe Akshata Machindra  22 Jambhale Pra O'al Manesh probhale phibhale  23 Sawant Shivani Shivaji Shivei Shivei		Anurag Inigare	Mounte	Humile
20 Chaudhari Pragati subhash ragari ragari 21 Rakshe Akshata Machindra Jaharina Phibhale Pra O'al Manesh tribhale Prabale Shirein	18	Adamale Pooja Kamalas		
21 Rakshe Aksheta Machindra Jakakola Bribhale Pra Dal Manesh prinbhale Probale Shirein	19	Andre Karishma Rajaram	1	wagata
21 Rakshe Aksheta Machinara 22 Jambhale Pra O'al Manesh prinbhale phibhale 23 sawant shivoni shivoji Shivei Shiveii	20	chaudhael Pragati subhash		
22 Jambhale Provid Manesh probhale Phonale 23 sowant shiveni shiveji Shivei	21	Rakshe Akshata Machindra	T AMERICA	
23 sawant shivori shivoji Shiveri Shiveri	22	Jambhale Provid Manesh	probhale	pinbhale
1/2 mux	23		Shirein	Shirein
				- 12 muja

Topic: Formatting Text

Name of Teacher: Wayal

### 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
١.	Pokharkar komal Balasaheb	Bomal	Bowal
<b>Q</b> .	Andre Karishma Rajaram	Kovifythdu	Farifagedon
3.	Walunj Utkarsha Sunjay	With	Oltu-
4)	Pogja Ramdas Adawale	Adeule	Adaule
5)	Pragati abbutitos chaudhari	gragati	Projecti's
6)	Jambale Prunjul Manesh	mbhale	pmbhale
7)	Sanket Lonar	Johan	Hohar
8)	Sanil Dangale	= 0M	90N
3)	Anurag Thigale	Son	30
10)	Vinayak Ladake	Diragak	Dirajak
11)	Shinde Vaishnavi Rajesh	Shindle	Phirele
12)	Sable Sakshi Novnath	SoFshi	Barrdes
13)		- Smhert	Barthe
14)	Mhase Dhomashii Rajendra		Asmoure
12)	Rakshe Akshata Machindra	Capable	Copping
16	Khadal Mayuri Anil	(Bakhoute)	(makhala)
17	Sawant Thivani Thivaji	Shiveni	Shivei.
18	Shinde Vaishnayi Sunil	Shinde	Thinese
16	Kadam Ruluja Ananta	Ruels	Quel
.•.		-	
		1	

Topic: Listing Tends

Name of Teacher: Raksh A.R.

### 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	<b>±</b> onar	dongr
2.	Prajwal Arvind Sawate	Azueti.	Accepte.
3.	Sahil Santosh Dangie	= 1/14	= W
4.	Vinayak Dattatray Ladke	Dirojak	alrayak
5.	Sable Sakshi Navnath	Satshi	Salsalai
6-	Shinde Vaishnavi Rajesh	Phinde	Prinde
_7	Mhase Dhamashri Rajendra	- Know	Raheise
8-	Kadem Rutiya Anconta	Rite	Rutu
9.	Waghule shouti sahebrao	Mague	Maghe _
10.	Isandar Aliya Sardar	Domdae	Horrday
!1	kohinkae pratiksha viiay	Techinkey	(Forekia)
12 -	Pokharkar komal Balasahet	Honal	gonal
13.	Gore Durga Bhagvan	Davie.	DOOK.
14.	Pooja Ramdas Adawate.	Adeule	Admile
15.	Pragati Subhash chaudhari.	Gragati	1999ahi
16	Karishma tojuran Indu.	Karlythalu	Karlajsta
17	Rakghe Akshuta Machindra	Marile	deaths
18	Jaroba le Pranjal malash	problem	omline.
19	Sawant Shivani Shivaji	Shinlens	Shiremi
20	Mayuri Anil Hotel	Pathelel	Publish
			,

Topic: Table Preparation

Name of Teacher:

Wayal R.M.

### Hutatma Rajguru Mahavidyalaya Rajgurunagar Department of Mathematics, Statistics and Chemistry

### **Short-Term Course 2022-23**

LaTeX: The Typesetting Software

Date - 17/4/23

Sr.	Name	Theory	Practical
No.	200000000000000000000000000000000000000		
_ 1	Mayur Anil Knatal	Pakhetel	(Bathely)
2_	Idivani Ilivaji Javant	Shiver	Shirein
3	Schil Santosh Dangle		= aly
4	Son Ket chandra Kantlohar	Foliar.	Foliar.
5	Vinayak ladake	Dinapok	Qinajak
6	Pra Purol sowate	Acute.	Aawti.
٦.	Anurag fliggele	Av.	A
8.	Jambhale Pranjal Mahesh	pmbhale	Phbhale
9	Rakshe Akshata Machindra	1 abanka	James
10	Waghule Shruli Sahebrao	ottogile	origalle
11.	Shinde Voishnavi bunl	Chinole	Shinde
12	Mase Shancishri Rajenelea	Righterce	Donhees
13.	Gore purga Bhagvan	Bore	Brone
14.	Malunj Utkarsho sanjay	(noutes	melly.
15.	Andre Karishma Rajaram	Kartydia	Kaikajach
16.	Pokharkar komal Balusaheb	Bomal	primal
17.	Chaudhari Pragati Subhash.	Sogati	so gatt
18.	Sable Sakshi Navnath	Sakshi	Sorshi
19.	Shinde Vaishnavi Rajesh	Thirde	Thirde
20'	Pooja Ramdas Adawale	- Adeale	Adende
21	Isandar Aliya Sardar	Burnder	Borndon
22	Kadam Rutujo Anantu	Ruel	- Jul

Topic: Figure insertion

Name of Teacher:

### Hutatma Rajguru Mahavidyalaya Rajgurunagar Department of Mathematics, Statistics and Chemistry

Short-Term Course 2022-23

LaTeX: The Typesetting Software

Date - 19 14/28

Sr.	Name	Theory	Practical
No.			
1.	Gore Durga Bhagyan.	Bore.	Bores
2,	Jambhale Pranjal Mahash	pm bhate.	probhale.
उ.	Rakshe Akshata Machindra	~ apaksto	- Arable
4.	Poojo Ramdas Adawale	Adule	Acteur
5.	chaudhaei Progati subhash	Pragati .	Dagati
6	Walunj Utkorsha Sanjay.	(Marin)	Karify da
7-	Andre karishma Rajaram	Kwarythe	1
8.	Pokharkar komal Balasaheb		Borral .
9.	Sanket Chandrakant Lohar	stohar	Sohar,
10.	Sahil Santosh Dangle	M_	- M
11.	Vinayak pattatray Ladke	Vinage	Qirapk -
12.	Mhase Dhonashri Bajenetra	Bancise	Emhera
13	Kadam Rufuja Anunfa	Rooven	Keelin
14	Khalal Mayori Anil	(polyhotal_	Makhatel.
15	Sawant Shivani Shivaji	Theman.	Thiwis
13	Waghule should Sahebaaa	Magule	Waglete Bligs
1817	Aliya Inandar	Aliya	Congr.
18	Vaeshanavi Rojesh Shinde	Oshird	(V) shride
19	Vauhauri Stunde	vaiden	Varihan
w	Jakshi Sable	(Sakehi	Lakeli
	,	1	

Topic: Figure Drawing

Name of Teacher: Thorat 5. R.

### Hutatma Rajguru Mahavidyalaya Rajgurunagar Department of Mathematics, Statistics and Chemistry

### Short-Term Course 2022-23

LaTeX: The Typesetting Software

Date - 21-04-23

Sr.	Name	Theory	Practical
No.			
	Yaishnavi Sunil Shinde	Shinde	Shinde
2.	Maghule Shruti Sahehrao	Brogule.	Broneise
8.	Islaghule Shruti Sahebrao Mhose Dhomoshri Rajenetro	Rightie	Broncise
Ł.	Mayur Anil Khatal	Onthelet	Pakhalelin
5.	Kadam Ruluja Ananta	Keny	Kulls
-6	Dungle Sahil Santosh	= M	<u>=</u> M
7.	Prajual Arvind Sawte	Bacute.	Saut.
8	Anurag Ramdas Thigale	High	High
g.	Sanket Chandrakant Longr	Lohar	Sahar
10.	Vinayak Dattatray Ladake	Qinquak	Rimpk
11	Shinde Vaishnavi Rajesh	Shinele	Shirele
12	Sawant Shivani Shivaji	Shiren	Shiren
13	Sable Sakshi Navnath	Sarshin	Sershi
14	Tebrob syst reborder	Agrodas	- Farman
15	Rakshe Akshata Machindra	Mapha	nakalaka
16.	Chaudhaei Pragati Subhash	pragati	Bragabi
17.	Pooja Ramdas Adawale	Adouble	Adaule
18.	Jambhall Pragical Mahish	pribhate	pmbhale.
	Gore Durga Bhagvas	Bine	Boxe
20.	Pokharkar komal Balasaheb	gomes	Romal
21	Andre karishma Rajaram	Farifigle	Koutajsche
22	Naturi) utkarsha sanjay.	CROCIONI	(Applete)

Topic: Equation writing

Name of Teacher:

Wayar R.M

### 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.	Name	Sign
No.		//
1	Yaishnavi Sunil Shinde	Shinde
2	Waghule shruti sahebrao	Hagule
g.	Mhase Dhomashri Rajenelses	Bakketi-
4	Mayun Ani! Khata!	
5.	Kadam Rutuja Ananta	Ruclus
В	Dangle sahil Santosh	<u>dy</u>
7.	prayral Arvinel Soute	Ascerte.
8	Anuraa Ramdas Thiaale	Higde
9	Anurag Ramdas Thigale Sanket Chandrakant Lohar	Sohar
10	Vinayak Dattatray Ladake	Qi rayak
11	Sable sakshi Navnath	Jakshi -
12	Irandar Aliya Sardar	Famdae
13	sawant shivani shivaji	Shirain
14	Shinde Vaishnavi Rajesh	Phinde
		-

id and R.M

### Hutatma Rajguru Mahavidyalaya Rajgurunagar Department of Mathematics, Statistics and Chemistry Examination: Short-Term Course 2022-23

LaTeX: The Typesetting Software Date - 24/04/2023

Sr.	Name	Sign
No.		
1)	Pooja Ramdes Adowale	Adaule
2)	Chaudhazi pragati subha	Dagati.
_3)	Rakshe Akshata Machindra	1 Capable
4)	Jambhale Pranjal Mahesh	prinbhale.
5)	Gore Durga Bhagvas	Broke
<u>6)</u>	Walunj Utkarsha Sanjay.	walup!
4)	Pokharkar komal Balasaheb	gronsel.
8)	Andre Karishma Rajaram	Jarifajshdu.
		Ů

( Wayal R.M.)

### 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.	0
2	Aliya Sardar Inamdar	S. Y. B. Sc.	0
3	Kadam Rutuja Ananta	S. Y. B. Sc.	О
4	Khatal Mayuri Anil	S. Y. B. Sc.	0
5	Ladake Vinayak Dattatray	S. Y. B. Sc.	В
6	Sanket Chandrakant Lohar	S. Y. B. Sc.	0
7	Mhase Dhanashri Rajendra	S. Y. B. Sc.	0
8	Shinde Vaishnavi Rajesh	S. Y. B. Sc.	0
9	Sabale Sakshi Navnath	S. Y. B. Sc.	0
10	Sawant Shivani Shivaji	S. Y. B. Sc.	0
11	Prajval Arvind Sawte	S. Y. B. Sc.	A
12	Shinde Vaishnavi Sunil	S. Y. B. Sc.	0
13	Thigale Anurag Ramdas	S. Y. B. Sc.	В
14	Waghule Shruti Sahebrao	S. Y. B. Sc.	0
15	Adawale Pooja Ramdas	M. Sc.	0 .
16	Andre Karishma Rajaram	M. Sc.	0
17	Chaudhari Pragati Subhash	M. Sc.	A
18	Gore Durga Bhagvan	M. Sc.	0
19	Jambhale Pranjal Mahesh	M. Sc.	0
20	Pokharkar Komal Balasaheb	M. Sc.	0
21	Rakshe Akshata Machindra	M. Sc.	О
22	Walunj Utkarsha Sanjay	M. Sc.	Α

Wayal R.M. (co-ordinator)

### 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: SY, Bsc.

e-mail Id: Sanketlohar 2002@gmail.com

Sr. No.	Particulars	Strongly Agree	Agree	Neutral	Disagre e	Strongly Disagree
1	The objectives of the course were clearly defined	Ε	~			
2	The course contents were easy to follow					
3	The trainers were knowledgeable about the training topic	4	~			
4	The course was well organized within stipulated time		V		Я	
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			9	

### 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 Shrufi Class: SYBSC.

e-mail Id:

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

### 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: SYBSC.
e-mail Id: sawteprajwal@gmail.com.

Sr. No.	Particulars	Strongly Agree	Agree	Neutral	Disagre e	Strongly Disagree
1	The objectives of the course were clearly defined		V			Disagree
2	The course contents were easy to follow		~			9
3	The trainers were knowledgeable about the training topic					el .
4	The course was well organized within stipulated time		V			
5	Participation and interaction were encouraged		V			
6	The trainers were well prepared		L			1
7	The facilities provided were adequate and comfortable		~			
8	Any suggestion for improving	the program		<b>8</b> 8		

### Hutatma Rajguru Mahavidyalaya, Rajgurunagar Department of Mathematics, Statistics, and Chemistry Short - Term Course 2022-23

LaTeX: The Typesetting Software Feedback Form

Name of student: Vinajak Dattatrya ladake

Class: SYBSC.

e-mail Id: vinayakladke 2450@gmeil com.

Sr. No.	Particulars	Strongly Agree	Agree	Neutral	Disagre e	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	V	2	,		7
4	The course was well organized within stipulated time		~			
5	Participation and interaction were encouraged		V	¥.		
6	The trainers were well prepared	L.	·			
7	The facilities provided were adequate and comfortable		~			
8	Any suggestion for improving	the program	l	z.		6

### 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 Sordar Inamdar

Class: SYBSC

e-mail Id: alijasinamdar@gmail.com Contact No.: 9503391305

Sr. No.	Particulars	Strongly Agree	Agree	Neutral	Disagre	Strongly Disagree
1	The objectives of the course were clearly defined	Agree	~			Disagree
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		<u> </u>			
5	Participation and interaction were encouraged	<u></u>				
6	The trainers were well prepared		~			
7	The facilities provided were adequate and comfortable		/			
8	Any suggestion for improving	the program		*		×

### Hutatma Rajguru Mahavidyalaya, Rajgurunagar Department of Mathematics, Statistics, and Chemistry

### Short - Term Course 2022-23

LaTeX: The Typesetting Software Feedback Form

Name of student: Mayori Aril khatal.

Class: SYBSc

e-mail Id:

Sr. No.	Particulars	Strongly Agree	Agree	Neutral	Disagre e	Strongly Disagree
1	The objectives of the course were clearly defined	1				
2	The course contents were easy to follow	<u></u>				
3	The trainers were knowledgeable about the training topic		<u></u>	79		
4	The course was well organized within stipulated time		L-			
5	Participation and interaction were encouraged		~			
6	The trainers were well prepared		1			
7	The facilities provided were adequate and comfortable	= (45)	レ			
8	Any suggestion for improving	the program	1	8 🕏	b	

### 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: shivanisawant 2050@ gmail.com

Sr.	Particulars	Strongly	Agree	Neutral	Disagre	Strongly
No.		Agree			e	Disagree
1	The objectives of the course were clearly defined		~			
2	The course contents were easy to follow	<b>/</b>				
3	The trainers were knowledgeable about the training topic	✓		14		
4	The course was well organized within stipulated time	g.	~			
5	Participation and interaction were encouraged		<b>✓</b>	-		
6	The trainers were well prepared	V ,				
7	The facilities provided were adequate and comfortable		~			
8	Any suggestion for improving	the program		•		

### 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: Sakshisable 092@9mail.com

Sr. No.	Particulars	Strongly Agree	Agree	Neutral	Disagre e	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	~	ja	·		
4	The course was well organized within stipulated time		~			×
5	Participation and interaction were encouraged		_			
6	The trainers were well prepared	V				-
7	The facilities provided were adequate and comfortable	=	~			
8	Any suggestion for improving	the progran	1	×	155	

### 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

Sr. No.	Particulars	Strongly Agree	Agree	Neutral	Disagre e	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	l.	_ #		

### 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: 54BSc.

e-mail Id: vaishnavishinde 1883 @ gmail.com

Sr. No.	Particulars	Strongly Agree	Agree	Neutral	Disagre	Strongly Disagree
1	The objectives of the course were clearly defined	B	/			Disagree
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	*	







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



This is to certify that

Mr. Mrs. Waghule Sheuti Sahebrao

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'







Rajgurunagar, Ta . Khed, Dist. Pune 410505 Accredited B<sup>++</sup>Grade by NAAC

# CERTIFICATE

This is to certify that
Mr./Mrs. <u>Leajval devind</u> Sante
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 Head

•

/ice-Principal







Rajgurunagar, Ta . Khed, Dist. Pune 410505 Accredited B<sup>++</sup>Grade by NAAC



	This is to certify that
A	1r.Mrs. Shinde Vaishnaui Sunil
o	f FY/SY/T.Y.B.Sc./M.Sc. has successfully completed Short Term Course on "LaTeX:
	he Typesetting Software" organized by Department of Mathematics, Statistics, and
C	Themistry during 10th April – 24th April, 2023 and obtained Grade'Q_'

Co-ordinator

Foral:

Head

Vice-Principal







Rajgurunagar, Ta . Khed, Dist. Pune 410505 Accredited B<sup>++</sup>Grade by NAAC

## CERTIFICATE

This is to certify that	$\sim$ $\sim$ 1		
Mr. Mrs. Joel	Durga Bhag	gran	
of FY/SY/T.Y.B.Sc./M	I.Sc. has successfully con	npleted Short Term Course on "I	LaTeX:
The Typesetting Soj	ftware" organized by D	Department of Mathematics, Statistic	es, and
Chemistry during 10th	April – 24 <sup>th</sup> April, 2023 an	d obtained Grade	

Co-ordinator

Vice-Principal







Rajgurunagar, Ta . Khed, Dist. Pune 410505 Accredited B<sup>++</sup>Grade by NAAC



This is to certify that
Mr./Mrs. Sdauale Sooja Randas
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

Foral

Anuly mi

Vice-Principal







Rajgurunagar, Ta . Khed, Dist. Pune 410505 Accredited B<sup>++</sup>Grade by NAAC



This is to certify that

Mr. Mr. dede Karishna Rojasan

of FYSYT.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 10" April - 24" April, 2023 and obtained Grade 'O'

Co-ordinatar

Head Head

Vice-Principal







Rajgurunagar, Ta . Khed, Dist. Pune 410505 Accredited B<sup>++</sup>Grade by NAAC



This is to certify that

Mr./Mrs. Chaudhari Lagati Subhash.

Co-ordinator

Foral

Pauligmi Head

Vice-Principal







Rajgurunagar, Ta . Khed, Dist. Pune 410505 Accredited B<sup>++</sup>Grade by NAAC



This is to certify that				
7 ,,	0.00	0	0/	~

Mr./Mrs. Jambhale Sanjal 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

Co-ordinator

Forat.

Paul Kami

Vice-Principal















