



# MUGBERIA GANGADHAR MAHAVIDYALAYA

P.O.—BHUPATINAGAR, Dist.—PURBA MEDINIPUR, PIN.—721425, WEST BENGAL, INDIA

NAAC Re-Accredited B+Level Govt. aided College

CPE (Under UGC XII Plan) & NCTE Approved Institutions

DBT Star College Scheme Award Recipient

E-mail : mugberia\_college@rediffmail.com // www.mugberiangangadharmahavidyalaya.ac.in

## Report

On

Skill Development Course

for

Scientific Documentation using **LATEX**

**Course Period: 24<sup>th</sup> March, 2023 to 3<sup>rd</sup> June, 2023**



Organized

by

Department of Mathematics (UG & PG)

**Mugberia Gangadhar Mahavidyalaya**

ACCREDITED BY NAAC WITH GRADE B+

Affiliated

to

Vidyasagar University

**Bhupatinagar, Purba Medinipur – 721425**

The Report is prepared by Twameka Tripathi, M.Sc in Mathematics (2022)& Alumni & Sourav Bera, M.Sc in Mathematics (2022)& Alumni, Dept of Mathematics Mugberia Gangadhar Mahavidyalaya (Bothare Alumni of Mathematics Dept.) under the guidance of Dr. Kalipada Maity, HOD, Dept. of Mathematics.

## Minutes of the Departmental meeting held on 10.03.2023

### Members present:

1. Dr. KalipadaMaity, HOD, Associate Prof., Dept. of Mathematics
2. Dr. Manoranjan De, Assistant Prof., Dept. of Mathematics
3. Mr. Suman Kumar Giri, SACT Teacher, Dept. of Mathematics.
4. Mr. Debraj Manna, SACT Teacher, Dept. of Mathematics.
5. Mr. Hironmoyee Manna, SACT Teacher, Dept. of Mathematics.
6. Mr. Bikash Panda, SACT Teacher, Dept. of Mathematics.
7. Mr. SantuHati, Contractual Teacher, Dept. of Mathematics.
8. Mr. Goutam Kumar Mandal, Contractual Teacher, Dept. of Mathematics.
9. Mr. SubhamMaity, Contractual Teacher, Dept. of Mathematics.

A short meeting was arranged at 3 pm regarding the implementation of certificate course on “LATEX” in our Department. All teachers of the department joined the meeting in time. **Dr. KalipadaMaity, HOD of Dept. of Mathematics** chaired the meeting.

### Decision taken in the meeting is:

- (1) It is decided that **Dr. KalipadaMaity** will be course director of this course.
- (2) It is decided that **Dr. Manoranjan De & Mr. Debraj Manna** will be coordinator of this course.
- (3) The course period will be scheduled from **24<sup>th</sup> March 2023–03<sup>rd</sup> June 2023**.

It is decided that the course will be delivered by lecture, interaction and doubt clearance along with an examination on topic related to Latex. Course is conduct for PG-IV sem. Course access fee for the student is decided as **Rs. 200/-**. HOD will forward the matter for approval of this course from Academic Sub-committee. Teachers are requested to prepare a routine for smooth running of course.

**The meeting comes to end with a vote of thanks.**



# MUGBERIA GANGADHAR MAHAVIDYALAYA

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Ref. No.—M.G.M. / / /

Date.....10/03/2023

From—The Principal / Secretary,

## Notice

This is to hereby notify all the students that the Dept. of Mathematics of Mugberia Gangadhar Mahavidyalaya is going to organize a Skill Development Course entitled “Scientific Documentation using LATEX” from 24<sup>th</sup> March 2023– 3<sup>rd</sup> June 2023 through offline mode. The course will be delivered by lecture, interaction, practice in the computer lab, doubt clearance and an examination on LATEX. The course access fee for the student is decided as Rs. 200/-. All interested college students are requested to contact Dr. Kalipada Maity, HOD, Dept of Mathematics (9434611354) for the said course.

*Swapan* 10.03.2023

Dr. Swapan Kumar Misra  
Principal

Mugberia Gangadhar Mahavidyalaya

*Principal*  
Mugberia Gangadhar Mahavidyalaya



**Skill Development Course  
for  
Scientific Documentation using *LATEX***

**Course Period:**

24<sup>th</sup> March 2023– 03rd June 2023

**Course Coordinators:**

1) Dr. Manoranjan De, Assistant Prof., Dept. of Mathematic

2) Mr. Debraj Manna, SACT, Dept. of Mathematics

Course Director: Dr. Kalipada Maity, HOD & Associate Professor, Dept of Mathematics, MGM.

**Course Instructors:**

Twameka Tripathi, M.Sc in Mathematics (2022)& Alumni, Dept of Mathematics  
Mugberia Gangadhar Mahavidyalaya

Sourav Bera, M.Sc in Mathematics (2022)& Alumni, Dept of Mathematics  
Mugberia Gangadhar Mahavidyalaya

**Faculty Team:**

1) Dr. KalipadaMaity, Associate Professor, Head, Department of Mathematics

2) Dr. Manoranjan De, Assistant Professor, Department of Mathematics

3) Mr. SumanGiri, SACT, Dept. of Mathematics

4) Mr. Debraj Manna, SACT, Dept. of Mathematics

5) Mr. Hiranmay Manna, SACT, Dept. of Mathematics

6) Mr. Bikash Panda, SACT, Dept. of Mathematics

7) Mr. Goutam Kumar Mandal, Contractual Teacher, Dept. of Mathematics

8) Mr. SantuHati, Contractual Teacher, Dept. of Mathematics

**Course Duration:** 30 hrs.

**Delivery Mode:** Offline

**Eligibility:** PG IV semester students only

**Contact:**Email: [kmaity78@gmail.com](mailto:kmaity78@gmail.com) / [manoranjande.1987@gmail.com](mailto:manoranjande.1987@gmail.com)

Phone No: 9434611354 / 9382292498

## About The Course

LaTeX, a document preparation system, is widely used for publishing in many scientific fields like mathematics, statistics, computer science, engineering, chemistry, physics, economics, linguistics, etc. It is a powerful and open-source system that provides numerous facilities for automating typesetting of the document: i.e. structuring page layout, listing and auto-numbering of sections, tables, figures, generating a table of contents, managing cross-referencing, citing, and indexing.

Unlike other WYSIWYG editors, the content is written in plain text along with appropriate commands, thus, allowing the user to concentrate on the content rather than the aesthetics (the way it looks). The TeX typesetting program which LaTeX uses, was designed such that anyone can create good quality material with less efforts.

This course introduces the basic concepts of LaTeX. Participants taking this course will be able to create and design documents in LaTeX and presentations in Beamer with confidence.

## Course Learning Outcome

- Handle different types of documents
- Organize documents into different sections, subsections, etc.
- Formatting pages (margins, header, footer, orientation)
- Formatting text
- Write complex mathematical formulae
- Include tables and images
- Cross-referencing, bibliography, and Indexing
- Read error messages as and when required
- Create presentations using Beamer

### CERTIFICATE OF PARTICIPATION:

The participants will be provided Certificates on successful completion of the course. It is mandatory for all participants to attend all the classes.

**REGISTRATION FEE: Rs. 200.00 (Two hundred rupees only)**

**VENUE:** Mathematics Lab, Department of Mathematics (UG & PG),  
MugberiaGangadharMahavidyalaya.

**NOTE:** The Evaluation will be done by MCQ test and Project Report on **Latex** submission. Attendance is Compulsory.

## Syllabus of “Scientific Documentation using **LATEX**”

### Topic 1: Introduction

This topic introduces the learner to LaTeX, its installation, and different IDEs. The learner creates the first document using LaTeX, organizes content into sections using article and book class of LaTeX.

### Topic 2: Styling Pages

In this topic, the session starts by reviewing different paper sizes, examines packages, formats the page by setting margins, customizing header and footer, changing the page orientation, dividing the document into multiple columns. The topic ends with reading different types of error messages.

### Topic 3: Formatting Content

This topic concentrates on formatting text (styles, size, alignment), adding colors to text and entire page, and adding bullets and numbered items. It concludes by explaining the process of writing complex mathematics.

### Topic 4: Tables and Images

The topic starts by creating basic tables, adding simple and dashed borders, merging rows and columns, and handling situations where a table exceeds the size of a page. The sessions then continue to add an image, explore different properties like rotate, scale, etc.

### Topic 5: Referencing and Indexing

In this topic, the learner learns to add cross-referencing (refer to sections, table, images), add bibliography (references), and create back index.

### Topic 6: Presentation using Beamer

Introduction to creating slides, adding frames, dividing the slide into multiple columns, adding different blocks, etc.

## REFERENCES

1. Lamport, L., Goossens, M., Mittelbach, F., &Samarin, A. (1996). LATEX| User's Guide and Reference Manual".
2. Griffiths, D. F., &Higham, D. J. (1997). *Learning LaTeX*. Society for Industrial and Applied Mathematics.
3. Kopka, H., & Daly, P. W. (2003). *Guide to LaTeX (Adobe Reader)*. Pearson Education.
4. Kottwitz, S. (2011). *LaTeX beginner's guide*. Packt Publishing Ltd.
5. Tantau, T. (2004). User's Guide to the Beamer Class, Version 3.01.

6. Adjemian, S., Bastani, H., Juillard, M., Mihoubi, F., Perendia, G., Ratto, M., & Villemot, S. (2011). *Dynare: Reference manual*, version 4.
7. Hoff, K. (2007). *LATEX-beamer Course*.
8. Datta, D. (2017). *LATEX in 24 Hours*. Springer.
9. Heck, A. *Learning LATEX by Doing*.
10. Van Dongen, M. R. (2012). *LATEX and Friends*. Springer Science & Business Media.

Department of Mathematics, MGM

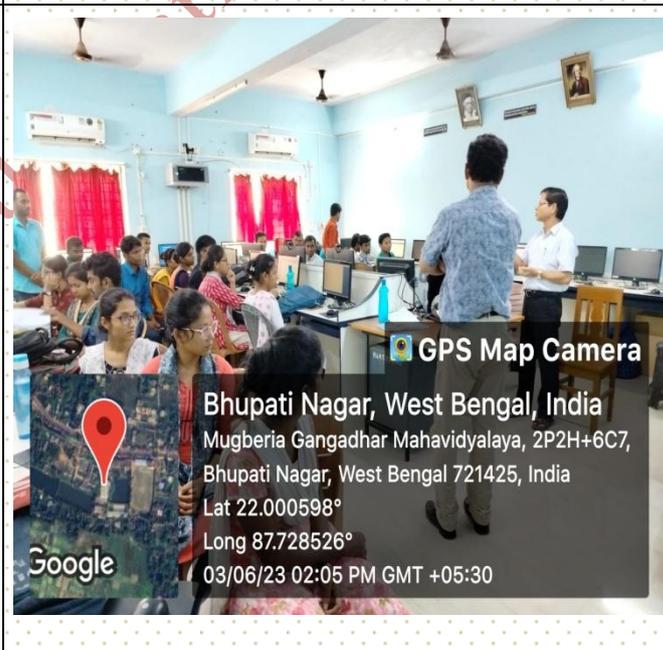
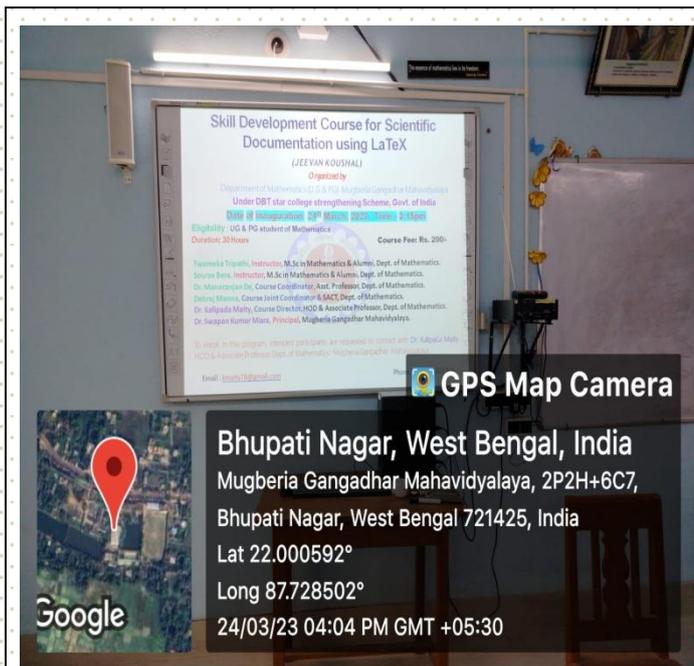
**Skill Development course for  
Scientific documentation using LaTeX  
List of Register Students**

Skill Development Certificate Course on "LaTeX"(JEEVAN KOUSHAL)  
24<sup>th</sup> March to 03<sup>rd</sup> June, 2023  
Organized by Dept of Mathematics (UG & PG)  
Registration Date 14<sup>th</sup> March to 19<sup>th</sup> March, 2023  
List of register Students

Sl. No.	Student Name	PG(SEM)	Subject	Roll number	Amount Paid	Student Signature
1	Amiya Mandal	Sem-IV	Mathematics	2551	Rs. 200.00	Amiya Mandal
2	Biren Pahari	Sem-IV	Mathematics	2554	Rs. 200.00	Biren Pahari
3	Biswajit Mondal	Sem-IV	Mathematics	2555	Rs. 200.00	Biswajit Mondal
4	Buddhadev Jana	Sem-IV	Mathematics	2556	Rs. 200.00	Buddhadev Jana
5	Debebrata Patra	Sem-IV	Mathematics	2557	Rs. 200.00	Debebrata Patra
6	Debayoti Maity	Sem-IV	Mathematics	2558	Rs. 200.00	Debayoti Maity
7	Diptangshu Barman	Sem-IV	Mathematics	2559	Rs. 200.00	Diptangshu Barman
8	Goutam Jana	Sem-IV	Mathematics	2560	Rs. 200.00	Goutam Jana
9	Krishnendu Pradhan	Sem-IV	Mathematics	2562	Rs. 200.00	Krishnendu Pradhan
10	Poushali Tripathy	Sem-IV	Mathematics	2565	Rs. 200.00	Poushali Tripathy
11	Pradyot Dalapati	Sem-IV	Mathematics	2566	Rs. 200.00	Pradyot Dalapati
12	Priti Das Adhikari	Sem-IV	Mathematics	2567	Rs. 200.00	Priti Das Adhikari
13	Puspendu Sau	Sem-IV	Mathematics	2568	Rs. 200.00	Puspendu Sau
14	Raja Kumar Shee	Sem-IV	Mathematics	2569	Rs. 200.00	Raja Kumar Shee
15	Saikat Jana	Sem-IV	Mathematics	2570	Rs. 200.00	Saikat Jana
16	Shrabani Jana	Sem-IV	Mathematics	2574	Rs. 200.00	Shrabani Jana
17	Snehasish Bhowmik	Sem-IV	Mathematics	2577	Rs. 200.00	Snehasish Bhowmik
18	Snigdha Mandal	Sem-IV	Mathematics	2578	Rs. 200.00	Snigdha Mandal
19	Sreya Jana	Sem-IV	Mathematics	2580	Rs. 200.00	Sreya Jana
20	Subhadip Mandal	Sem-IV	Mathematics	2581	Rs. 200.00	Subhadip Mandal
21	Subhamay Das	Sem-IV	Mathematics	2582	Rs. 200.00	Subhamay Das
22	Subinoy Patra	Sem-IV	Mathematics	2583	Rs. 200.00	Subinoy Patra
23	Suchismita Pradhan	Sem-IV	Mathematics	2584	Rs. 200.00	Suchismita Pradhan
24	Sudeshna Maity	Sem-IV	Mathematics	2585	Rs. 200.00	Sudeshna Maity
25	Susmita Sahoo	Sem-IV	Mathematics	2590	Rs. 200.00	Susmita Sahoo
26	Tapasi Karan	Sem-IV	Mathematics	2591	Rs. 200.00	Tapasi Karan
27	Saheb Bera	Sem-IV	Mathematics	2592	Rs. 200.00	Saheb Bera
28	Sayan Das	Sem-IV	Mathematics	2593	Rs. 200.00	Sayan Das
29	Soumya Kanti Mandal	Sem-IV	Mathematics	2594	Rs. 200.00	Soumya Kanti Mandal
30	Sumana Maity	Sem-IV	Mathematics	2595	Rs. 200.00	Sumana Maity
31	Sanchayan Laha	Sem-IV	Mathematics	2571	Rs. 200.00	Sanchayan Laha

*(Signature)*  
29/03/2023

**Dr. Kalipada Maity**  
Associate Professor of Mathematics  
Mahatma Gandhi Mahavidyalaya



Twitter Link:

<https://twitter.com/Swapank26545954/status/1664953820919779328?t=xc5oBafmaQkyv09cQOI-aQ&s=08>

The Department of Mathematics introduced a “Skill Development Course for Scientific Documentation using Latex” from 2023. In this year the program had been running 24<sup>th</sup> March – 03<sup>rd</sup> June, 2023. 31 students participated and completed (more than 30 hours) certificate course and they all were received their certificate from the Department on 24<sup>th</sup> March, 2023. The course helps the students for written their documentations like dissertation, project, lab notebook, field visit report, beamer presentation, etc.

**Skill Development Course  
for  
Scientific Documentation using LATEX**

**Student Class Attendance List**

Certificate course on 'LATEX' dated: 24/09/2022  
Under DBT start College scheme, Govt. of India.

Inaugurated by  
Dr. Sankar Kumar Mishra  
Principal of  
Mugheria Gangadhar Mahavidyalaya  
Bhupatnagar, Patna, Madhpradesh, West Bengal, India.  
PIN: 721425

Organised by  
Dept. of Mathematics  
(Mugheria Gangadhar Mahavidyalaya)

Sl No.	Full Signature of student	Semester	Roll No.	Mobile No.
1	Goutam Jana	PG-4	2560	8101343306
2	Biren Fakiri	PG-4	2559	7001004364
3	Buddhadav Jana	PG-4	2556	8388087539
4	Subhadip Mandal	PG-4	2581	9547820889
5	Biswajit Mandal	PG-4	2555	7477862130
6	Kanchendu Pradhan	PG-4	2562	7063366703
7	Saunja Kanti Mandal	PG-4	2594	938287045
8	Soumitra Das	PG-2	3326	9749730159
9	Basudev Maity	PG-2	3309	8016637099
10	Snehaish Bhoomik	PG-4	2577	7477821116
11	Hemajun Datta	PG-2	3307	8016347584
12	Sayan Das	PG-4	2593	7001884676
13	Sahab Bera	PG-4	2592	6295759471
14	Subinoy Patra	PG-4	2583	9609954247
15	Debojyoti Maity	PG-4	2558	6294672428
16	Raja Kumar Shee	PG-4	2569	8372803501
17	Sayantani Giri	PG-2	3320	8927985518
18	Shreya Jana	PG-2	3321	9732752369
19	Pradyot Balapati	PG-4	2566	9382558960
20	Puspendu Sau	PG-4	2568	8597848426
21	Subhamay Das	PG-4	2582	9064497211
22	Santa Bera	PG-2	3319	7749850453
23	Snigdha Mandal	PG-4	2578	6296475978
24	Shrabani Jana	PG-4	2579	8337806535

Dr. Kalipada Maity  
Associate Professor of Mathematics  
Mugheria Gangadhar Mahavidyalaya

Certificate course on LATEX dated: 27/04/2023  
Date - 27.04.2023 Teacher - Sourav Bera  
Time - 3:15 - 5:15 T. Kanan

SL-NO	Name	Sem	Signature
1.	Poushali Tripathy	PG (4th)	P. T.
2.	Tapani Kanan	PG (4th)	T. Kanan
3.	Pradyot Balapati	PG (4th)	P. Balapati
4.	Himaya Mandal	PG (4th)	H. Mandal
5.	Debojyoti Maity	PG (4th)	D. Maity
6.	Sayan Das	PG (4th)	S. Das
7.	Sumana Maity	PG (4th)	Sumana Maity
8.	Puspendu Sau	PG- sem-4	P. Sau
9.	Saunja Kanti Mandal	PG (4th)	S. Mandal
10.	Subinoy Patra	PG (4th Sem)	S. Patra
11.	Sahab Bera	PG (4th Sem)	S. Bera
12.	Shreya Jana	PG (4th)	S. Jana
13.	Shrabani Jana	PG (4th sem)	S. Jana
14.	Subhadip Mandal	PG (4th Sem)	S. Mandal
15.	Biswajit Mandal	PG (4th sem)	B. Mandal
16.	Pitit Das	PG (4th Sem)	P. Das
17.	Raja Kumar Shee	PG (4th sem)	R. K. Shee
18.	Susmita Sahoo	PG (4th sem)	S. Sahoo
19.	Buddhadav Jana	PG (4th Sem)	B. Jana
20.			
21.	Sudeshna Maity	PG (4th Sem)	S. Maity
22.			
23.	Suchismita Pradhan	PG (4th Sem)	S. Pradhan
24.	Goutam Jana	PG (4th Sem)	G. Jana
25.			
26.			
27.			
28.			
29.			
30.			
31.			

Dr. Kalipada Maity  
Associate Professor of Mathematics  
Mugheria Gangadhar Mahavidyalaya

GTM

Skill development course for Scientific Documentation using Latex.

Teacher: Sourav Bera (Alumni).

Student Signature	PG-4
1. Debojyoti Maity	"
2. Raja Kumar Shee	"
3. Subhamay Das	"
4. Sreya Kanti Mandal	"
5. Pradyot Dalapati	"
6. Snehaish Ghoshik.	"
7. Subhadip Mandal.	"
8. Buddhadev Jana	"
9. Amiya Mondal	"
10. Saheb Bera	"
11. Subinoy Patra	"
12. Binay Patra	"
13. Sreerani Jana	"
14. Puspendu Saha	"
15. Dipankar Barua	"
16. Susmita Sahoo	"
17. Tapasi Karan	PG-4
18. Panchali Tripathy	PG-4
19. Sanchayan Laha	PG-4
20. Sayan Das	PG-4
21. Sreya Jana	PG-4
22. Pooja Das Adhikari	PG-4
23. Shrabani Jana	PG-4
24. Suchismita Pradhan	PG-4
25. Snigdha Mandal.	PG-4
26. Sumana Maity	PG-4
27. Debabrata Patra	PG-4
28. Saikat Jana	PG-4
29. Krishendu Pradhan	PG-4

Dr. Kalipada Maity  
Associate Professor of Mathematics  
Maharaja Gargadhar Mahavidyalaya

Certificate course on 'LATEX'

Date - 28.04.2023  
Time - 3:15 - 5:15

SL. NO.	Name	Sem	Signature
1.	Sumana Maity	PG (4th)	Sumana Maity
2.	Sreya Kanti Mandal	PG (4th)	Sreya Kanti Mandal
3.	Sayan Das	PG (4th)	Sayan Das
4.	Susmita Sahoo	PG (4th)	Susmita Sahoo
5.	Debojyoti Maity	PG (4th)	D. Maity
6.	Amiya Mandal.	PG (4th)	<del>Amiya Mandal</del>
7.	Panchali Tripathy	PG-4th	P.T.
8.	Puspendu Saha	PG-4	Pusa
9.	Dipankar Barua	PG-4	<del>Dipankar Barua</del>
10.	Tapasi Karan	PG-4	T. Karan
11.	Pradyot Dalapati	PG-4	P. Dalapati
12.	Shrabani Jana	PG-4	S. Jana
13.	Sreya Jana	PG-4	S. Jana
14.	Biswajit Mandal	PG-4	B. Mandal
15.	Suchismita Pradhan	PG-4	S. Pradhan
16.	Subhadip Mandal.	PG-4	S. Mandal.
17.	Subinoy patra	PG-4	S. Patra
18.	Saheb Bera	PG-4	S. Bera
19.	Raja Kumar Shee	PG-4	R.K. Shee
20.	Pooja Das Adhikari	PG-4	P. D. Adhikari
21.	Buddhadev Jana	PG-4	B. Jana

28/04/23

Dr. Kalipada Maity  
Associate Professor of Mathematics  
Maharaja Gargadhar Mahavidyalaya

Teacher's Signature

Certificate course on 'LATEX'

Date - 04.05.2023  
Time - 3:15 - 5:15

Sl.No	Name	Sem	Signature
1.	Puspendu Sonu	PG - 4th Sem	P.S.
2.	Sumana Maitty	PG (4th Sem)	Sumana Maitty
3.	Sayan Das	PG (4th Sem)	S. Das
4.	Susmita Sahoo	PG (4th Sem)	Susmita Sahoo
5.	Debjyoti Maitty	PG (4th Sem)	D. Maitty
6.	Diptangshu Barua	PG (4th Sem)	D. Barua
7.	Bondali Tripathy	PG-4th	B.T.
8.	Biswajit Mandal	PG-4th	B. Mandal
9.	Soumya Kanti Mandal	PG (4th Sem)	S.K.M.
10.	Sabinoy Patra	PG (4th Sem)	S. Patra
11.	Amiya Mandal	PG (4th Sem)	A. Mandal
12.	Tapasi Karan	PG (4th Sem)	T. Karan
13.	Pradyot Dalapati	PG (4th Sem)	P. Dalapat
14.	Subhadip Mandal.	PG (4th Sem)	S. Mandal.
15.	Sahab Bera	PG (4th Sem)	S. Bera
16.	Raja Kumar Shee	PG (4th Sem)	R. K. Shee
17.	Suchismita Pradhan	PG (4th Sem)	S. Pradhan
18.	Psiti Das Adhikari	PG (4th Sem)	P. Das
19.	Sreyas Jana	PG (4th Sem)	S. Jana
20.	Shrabani Jana	PG (4th Sem)	S. Jana
21.	Sudeshna Maitty	PG (4th Sem)	S. Maitty
22.	Buddhadev Jana	PG (4th Sem)	B. Jana

04/05/23

Dr. Kalipada Maitty  
Associate Professor of Mathematics  
Utkal University, Bhubaneswar

Certificate Course on 'LATEX'

04/04/2023

Sl.No	Name	Sem	C.N	Roll	Sig.
1.	Diptangshu Barua	4th	18	2559	D.B.
2.	Sahab Bera	4th	13	2592	S.B.
3.	Biswajit Pahari	4th	10	2554	B. Pahari
4.	Buddhadev Jana	4th	19	2556	B. Jana
5.	Tapasi Karan	4th	15	2591	T. Karan
6.	Sudeshna Maitty	4th	25	2585	S. Maitty
7.	Suchismita Pradhan	4th	21	2584	S. Pradhan
8.	Sreyas Jana	4th	22	2580	S. Jana
9.	Shrabani Jana	4th	23	2574	S. Jana
10.	Snigdha Mandal	4th	20	2578	S. Mandal
11.	Susmita Sahoo	4th	16	2590	S. Sahoo
12.	Subhadip Mandal.	4th	6	2581	S.M.
13.	Biswajit Mandal.	4th	7	2555	B. Mandal
14.	Sheharish Bhosonik	4th	3	2577	S. Bhosonik
15.	Pradyot Dalapati	4th	4	2566	P. Dalapati
16.	Raja Kumar Shee	4th	32	2569	R.K. Shee
17.	Sabinoy Patra	4th	27	2583	S. Patra
18.	Krishnend Pradhan	4th	31	2562	K. Pradhan
19.	Subhamay Das	4th	18	2582	S. Das
20.	Soumyakanti Mandal	4th	17	2594	S. Mandal
21.	Sumana Maitty	4th	14	2595	S. Maitty
22.	Saman Das	4th	10	2593	S. Das
23.	Debjyoti Maitty	4th	12	2558	D. Maitty
24.	Amiya Mandal.	4th	9	2551	A. Mandal

04/04/23

Dr. Kalipada Maitty  
Associate Professor of Mathematics  
Utkal University, Bhubaneswar

Department

Certificate course on 'LATEX'

Date - 18.05.2023  
Time - 02:15 - 5:15

Sl. No.	Name	Sem	Signature
1.	Pawhali Tripathy	PG-4th	P.T.
2.	Prasanna Samal	PG-4	Prasanna
3.	Sayan Das	PG-4th	S. Das
4.	Sumana Maity	PG (4th sem)	Sumana Maity
5.	Piprahni Bera	PG (4th sem)	P. Bera
6.	Somya Kanti Mandal	PG (4th sem)	S.K.M.
7.	Debasjoti Maity	PG (4th sem)	D. Maity
8.	Amiya Mandal	PG (4th sem)	A. Mandal
9.	Susmita Sahoo	PG (4th sem)	S. Sahoo
10.	Tapasi Karan	PG (4th sem)	T. Karan
11.	Pradyot Dalapati	PG (4th sem)	P. Dalapati
12.	Subhadip Mandal	PG (4th sem)	S. Mandal
13.	Sreya Jana	PG (4th sem)	S. Jana
14.	Shrabani Jana	PG (4th sem)	S. Jana
15.	Biswoti Mandal	PG (4th sem)	B. Mandal
16.	Subinoy Patra	PG (4th sem)	S. Patra
17.	Suchismita Pradhan	PG (4th sem)	S. Pradhan
18.	Sahab Bera	PG (4th sem)	S. Bera
19.	Sudeshna Maity	PG (4th sem)	S. Maity
20.	Sneharshi Bhosmik	PG (4th sem)	S. Bhosmik
21.	Raja kumar shee	PG (4th sem)	R. K. Shee
22.	Bishti Das Adhikari	PG (4th sem)	P. B. A.
23.	Goutam Jana	PG (4th sem)	G. Jana
24.	Buddhader Jana	PG (4th sem)	B. Jana

Dr. Kalipada Maity  
Associate Professor of Mathematics  
Nipita Gangadhar Mahavidyalaya

Certificate Course on Latex 06/09/23

Sl. No.	Name	Sem	C.N.	Roll	Sig.
1.	Diptanshu Patra	4th	18	2552	D.P.
2.	Puspanda Sam	4th	16	2568	Prasanna
3.	Sudeshna Maity	4th	28	2585	S. Maity
4.	Sumana Maity		20	2595	S. Maity
5.	Bishti Das Adhikari		21	2567	P. B. A.
6.	Sreya Jana		22	2580	S. Jana
7.	Shrabani Jana		23	2579	S. Jana
8.	Suchismita Pradhan		25	2584	S. Pradhan
9.	Subinoy Patra		27	2583	S. Patra
10.	Pawhali Tripathy		17	2565	P.T.
11.	Susmita Sahoo		19	2590	S. Sahoo
12.	Tapasi Karan		15	2591	T. Karan
13.	Sahab Bera		13	2592	S. Bera
14.	Biswoti Patra		11	2559	B. Patra
15.	Debasjoti Maity		16	2558	D. Maity
16.	Goutam Jana		7	2560	G. Jana
17.	Sayan Das		6	2593	S. Das
18.	Pradyot Dalapati		4	2566	P. Dalapati
19.	Raja Kumar Shee		5	2569	R. K. Shee
20.	Sneharshi Bhosmik		3	2577	S. Bhosmik
21.	Krishendu Pradhan		4	2562	K. Pradhan
22.	Amiya Mandal		9	2551	A. Mandal
23.	Buddhader Jana		03	2556	B. Jana
24.	Goutam Jan				

Dr. Kalipada Maity  
Associate Professor of Mathematics  
Nipita Gangadhar Mahavidyalaya

Department

PG (Second Sem)  
MTM-297

PAGE NO. *45*  
DATE 23/05

Signature	Roll no	Program name
1. Chagan Kumar Jana	0005	Palindrome
2. Ipsita Mishra	0009	Linear Search
3. Soumitra Aditya	0026	Linear Search
4. Dipak Jaina	0006	Linear Search
5. Shubhashree Bishal	0099	Shubhashree?

*Talal present 05 only*

Certificate course on 'LATEX'

Date - 23/05/2023  
Time - 3:15 - 5:15

Sl.No.	Name	Sem	Signature
1.	Poushali Tripathy	PG (4th)	P.T.
2.	Soumya Kanti Mandal	PG (4th)	S.K.M.
3.	Pradyot Dalapati	PG (4th)	P. Dalapati
4.	Sayan Das	PG (4th)	S. Das
5.	Susmita Sahoo	PG (4th)	S. Sahoo
6.	Sumana Maity	PG (4th)	Sumana Maity
7.	Ekraja Jana	PG (4th)	S. Jana
8.	Shrabani Jana	PG (4th sem)	S. Jana
9.	Dipendu Barua	PG (4th Sem)	D. Barua
10.	Puspendu Saha	PG (4th)	P. Saha
11.	Subhadip Mandal.	PG (4th)	S. Mandal
12.	Saheb Bera	PG (4th)	S. Bera
13.	Subinoy Patra	PG (4th)	S. Patra
14.	Amiya Mandal	PG (4th)	A. Mandal
15.	Suchismita Pradhan	PG (4th sem)	S. Pradhan
16.	Raja Kumar Shee	PG (4th Sem)	R. K. Shee
17.	Tapasi Karan	PG (4th Sem)	T. Karan
18.	Snehaish Bhosainik	PG (4th sem)	S. Bhosainik
19.	Psuti Raa Adhikari	PG (4th sem)	P. R. Adhikari
20.	Debasjoti Maity	PG (4th Sem)	D. Maity
21.	Goutam Jana	PG (4th Sem)	G. Jana
22.	Buddhadev Jana	PG (4th Sem)	B. Jana

Dr. Kalipada Maity  
Associate Professor of Mathematics  
Magdalen Gangadhar Mahavidyalaya

Certificate course on  
LATEX

Date 13/04/23

Sl.No.	Name	Sem	Signature
1.	Poushali Tripathy	4th Sem	P.T.
2.	Suchismita Pradhan	4th Sem	S. Pradhan
3.	Puspendu Saha	4th Sem	P. Saha
4.	Soumya Kanti Mandal	4th Sem	S.K.M.
5.	Snigdha Mandal	4th Sem	S. Mandal
6.	Psuti Raa Adhikari	4th Sem	P. R. Adhikari
7.	Pradyot Dalapati	4th Sem	P. Dalapati
8.	Tapasi Karan	4th Sem	T. Karan
9.	Sumana Maity	4th Sem	S. Maity
10.	Goutam Jana	4th Sem	G. Jana
11.	Suchismita Pradhan	4th Sem	S. Pradhan
12.	Sydehshma Maity	4th Sem	S. Maity
13.	Amiya Mandal	4th Sem	A. Mandal
14.	Debasjoti Maity	4th Sem	D. Maity
15.	Subhadip Mandal.	4th Sem	S. Mandal
16.	Saheb Bera	4th Sem	S. Bera
17.	Subinoy Patra	4th Sem	S. Patra
18.	Buddhadev Jana	4th Sem	B. Jana

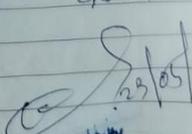
Dr. Kalipada Maity  
Associate Professor of Mathematics  
Magdalen Gangadhar Mahavidyalaya

Depa

LATEX Class

PAGE NO. K-20  
 DATE 29/05/23

Name	C.N	Sl. No.
1) Diptanshu Barman	com(Math)-25	1
2) Poushali Tripathy	com-26	2
3) Tapasi Karan	com-28	3
4) Pradyot Dalapati	com-26	4
5) Krisnendu Pradhan	com-27	5
6) Subinaya putra	com-15	6
7) Puspendu Sam	com-16	7
8) Buddhada Jana	com-19	8
9) Sudeshna Maity	com-13	9
10) Sahab Bera	com-15	10
11) Biren Bahari	com-11	11
12) Sheharish Bhowmik	com-10	12
13) Debajoti Maity	com-8	13
14) Suchismita Pradhan	com-6	14
15) Raja Kumar Shee	com-7	15
16) Subhamy Das	com-4	16
17) Snigdha Mandal	com-1	17
18) Sayan Das	com-3	18
19) Shrabani Jana	com-23	19
20) Sneha Jana	com-22	20
21) Priti Das Adhikari	com-21	21
22) Soumya Ranti Mandal	com-20	22
23) Subhadip Mandal	com-29	23
24) Biswojit Mandal	com-22	24
25) Anaya Mandal	com-9	25
26) Goutam Jana	com-16	26

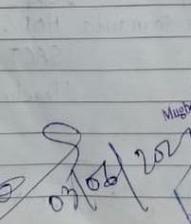
  
 29/05/23  


Certificate Distribution Ceremony  
 organized by Dept. of Mathematics  
 Mughbera Gan. Mahavidyalaya

PAGE NO. K-20  
 DATE 03/06/2023

Title: LATEX Date: 03/06/2023  
 Time: 12:15 PM - 5:15 PM

Sl. No.	Name	Sem	Signature
1.	Sourabh Kumar Mishra	Post-Gr.	S. Mishra
2.	P. T. Karan	PG-4th	P.T. Karan
3.	P. Dalapati	PG-4th	P. Dalapati
4.	Dr. Alou Ranjan Kheliso	Dept. of Philosophy	Dr. Alou
5.	Manoranjan De	Asst. Prof. Dept. of Math	Manoranjan
6.	Sourav Bera	PG Alumni (2022)	Sourav Bera
7.	Tranika Tripathi	PG Alumni (2022)	Tranika Tripathi
8.	Suchismita Pradhan	PG-4th Sem	S. Pradhan
9.	Poushali Tripathy	PG-4th	P.T. Karan
10.	Diptanshu Barman	PG-4th	D. Barman
11.	Tapasi Karan	PG-4th	T. Karan
12.	Sudeshna Maity	PG-4th	S. Maity
13.	Susmita Sahoo	PG-4th	S. Sahoo
14.	Puspendu Sam	PG-4th	P. Sam
15.	Sumana Maity	PG-4th	Sumana Maity
16.	Soumya Ranti Mandal	PG-4th	S.M.
17.	Shrabani Jana	PG-4th	S. Jana
18.	Sneha Jana	PG-4th	S. Jana
19.	Priti Das Adhikari	PG-4th	P.D.A.
20.	Subhadip Mandal	PG-4th	S. Mandal
21.	Sheharish Bhowmik	PG-4th	S. Bhowmik
22.	Raja Kumar Shee	PG-4th	R.K. Shee
23.	Biren Bahari	PG-4th	B. Bahari
24.	Goutam Jana	PG-4th	G. Jana
25.	Debajoti Maity	PG-4th	D. Maity
26.	Buddhadev Jana	PG-4th	B. Jana

  
 03/06/2023  


Departmental

PG 2nd Semester  
MTM - 297  
C - Programming

Name	Computer no.	Programming Name	Roll no.
J. Ipsita	19	Reverse alphabetic	330

Certificate course on 'LATEX'  
Date - 01.06.2023  
Time - 3:15 - 05:15

Sl.No.	Name	Sem	Signature
1.	Poushali Tripathy	PG (4th Sem)	P.T.
2.	Tappari Karan	PG (4th Sem)	T. Karan
3.	Pradyot Dalapati		4
4.	Puspendu Sam	PG-4 <sup>th</sup>	Sam
5.	Sayan Das	PG (4th)	S. Das
6.	Purnima Gann	PG (4th)	P. Gann
7.	Susmita Sahoo	PG-4th	S. Sahoo
8.	Sumya Kanti Mandal	PG (4th)	S.K.M.
9.	Subhadip Mandal	PG (4th)	S. Mandal
10.	Amiya Mandal	PG (4th)	A. Mandal
11.	Sumana Maity	PG (4th)	Sumana Maity
12.	Steya Jana	PG (4th)	S. Jana
13.	Shrabani Jana	PG (4th Sem)	S. Jana
14.	Subinoy patra	PG (4th Sem)	S. Patra
15.	Sahab Bera	PG (4th Sem)	S. Bera
16.	Sneharish Bhosmin.	PG (4th Sem)	S. Bhosmin.
17.	Suchismita Pradhan	PG (4th Sem)	S. Pradhan
18.	Sudeshna Maity	PG (4th)	S. Maity
19.	Raja kumar shee	PG (4th sem)	R.K. Shee
20.	Prati Das Adhikari	PG (4th Sem)	P. Das
21.	Debasjati Maity		D. Maity
22.	Goutam Jana		G. Jana
23.	Buddhadar Jana		B. Jana

Dr. Kalipada Maity  
Associate Professor of Mathematics  
Maharani Gangadhar Mahavidyalaya

Teacher's Signature

Certificate Course on  
LATEX

Date: 25.09.23

Sl.No	Name	Sem	Signature
1.	Sahab Bera	4th Sem	S. Bera
2.	Subinoy patra	4th Sem	S. Patra
3.	Trishorendu Pradhan	4th Sem	T. Pradhan
4.	Sneharish Bhosmin.	4th Sem	S. Bhosmin.
5.	Diptansu Berman	"	D. Berman
6.	Poushali Tripathy	"	P.T.
7.	Tapasi Karan	"	T. Karan
8.	Prati Das Adhikari	"	P. Das
9.	Sreya Jana	"	S. Jana
10.	Snigdha Mandal	4th Sem	S. Mandal
11.	Shrabani Jana	4th Sem	S. Jana
12.	Suchismita Pradhan	4th Sem	S. Pradhan
13.	Sudeshna Maity	"	S. Maity
14.	Susmita Sahoo	"	S. Sahoo
15.	Amiya Mandal	"	A. Mandal
16.	Debasjati Maity	"	D. Maity
17.	Goutam Jana	"	G. Jana

Programme  
Dr. M. De  
27.09.23

Sl.No	Name	Sem	Signature
1.	Soumitra Das	2nd (PG)	Soumitra Das
2.	Sayantani Giri	2nd (PG)	Sayantani Giri
3.	Lalita Patra	2nd (PG)	Lalita Patra
4.	Ayanika Mandal	2nd (PG)	Ayanika Mandal
5.	Subhadip Babin	2nd (PG)	Subhadip Babin
6.	Chagan Kumar Jana	2nd (PG)	Chagan Kumar Jana
7.	Hemajun Datta	2nd (PG)	Hemajun Datta
8.	Anasrath Rana	2nd (PG)	A. Rana
9.	Manoj Maity	2nd (PG)	M. Maity
10.	Basudev Maity	2nd (PG)	Basudev Maity
11.	Bipak Patra	2nd (PG)	B. Patra
12.	Shipra Jana	2nd (PG)	S. Jana
13.	Nayanka Bhunia	2nd (PG)	N. Bhunia
14.	Puja Sahoo	2nd (PG)	Puja Sahoo
15.	Somtu Bera	2nd (PG)	Somtu Bera

Dr. Kalipada Maity  
Associate Professor of Mathematics  
Maharani Gangadhar Mahavidyalaya

**Skill Development Course  
for  
Scientific Documentation using *LATEX***

**Certificate Distribution Ceremony**

Twitter Link:

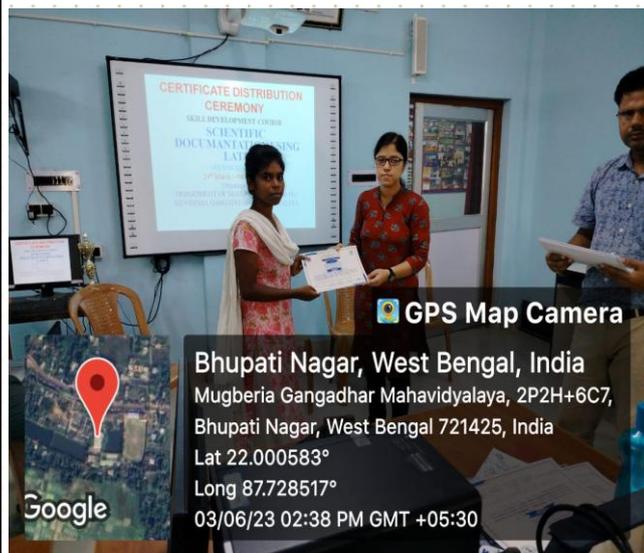
<https://twitter.com/Swapank26545954/status/1664953820919779328?t=xc5oBafmaQkyy09cQOI-aQ&s=08>



Departmental



Depart















MGM



Depart

Department of Mathematics, MGM















Department of





















Depar







**Feedback Form**

**Skill Development Certificate Courses on Latex**

**24<sup>th</sup> March 2023 to 03<sup>rd</sup> June 2023**

**Organized by**

**DEPARTMENT OF MATHEMATICS (UG & PG)**

**MUGBERIA GANGADHAR MAHAVIDYALAYA,  
BHUPATINAGAR, PURBA MEDINIPUR-721425**

**QUESTIONNAIRE FOR POST GRADUATE EXIT SURVEY (Tike The  
appropriate option)**

**(Students are asked to be completed the following 10 questions)**

1. **Did you acquire sound & sufficient knowledge of the courses taught?**

Excellent	Good	Average	Poor
	✓		

2. **Rate your skill development in terms of critical thinking & reasoning offered in the courses?**

Excellent	Good	Average	Poor
	✓		

3. **Did the courses help for COMPUTATION?**

Excellent	Good	Average	Poor
✓			

*[Handwritten signature]*  
02/06/2023

**Dr. Kalipada Maity**  
Associate Professor of Mathematics  
Mugberia Gangadhar Mahavidyalaya

4. Rate the courses in terms of their updating with recent developments.

Excellent	Good	Average	Poor
	✓		

5. Rate the courses in terms of their experimental learning and employability option?

Excellent	Good	Average	Poor
	✓		

6. Rate the courses in terms of developing research oriented skill.

Excellent	Good	Average	Poor
✓			

7. Rate the arrangement of the course is well.

Excellent	Good	Average	Poor
	✓		

8. Any Suggestion for future

No

*(Signature)*

03/08/2023

Dr. Kalipada Maity  
Associate Professor of Mathematics  
Mughera Gangadhar Mahavidyalaya

**Feedback Form**

**Skill Development Certificate Courses on Latex**

**24<sup>th</sup> March 2023 to 03<sup>rd</sup> June 2023**

**Organized by**

**DEPARTMENT OF MATHEMATICS (UG & PG)  
MUGBERIA GANGADHAR MAHAVIDYALAYA,  
BHUPATINAGAR, PURBA MEDINIPUR-721425**

**QUESTIONNAIRE FOR POST GRADUATE EXIT SURVEY (Tike The appropriate option)**

**(Students are asked to be completed the following 10 questions)**

1. **Did you acquire sound & sufficient knowledge of the courses taught?**

Excellent	Good	Average	Poor
		✓	

2. **Rate your skill development in terms of critical thinking & reasoning offered in the courses?**

Excellent	Good	Average	Poor
	✓		

3. **Did the courses help for COMPUTATION?**

Excellent	Good	Average	Poor
	✓		

  
03/06/2023

**Dr. Kalipada Maity**  
Associate Professor of Mathematics  
Mugberia Gangadhar Mahavidyalaya

4. Rate the courses in terms of their updating with recent developments.

Excellent	Good	Average	Poor
	✓		

5. Rate the courses in terms of their experimental learning and employability option?

Excellent	Good	Average	Poor
		✓	

6. Rate the courses in terms of developing research oriented skill.

Excellent	Good	Average	Poor
✓			

7. Rate the arrangement of the course is well.

Excellent	Good	Average	Poor
✓			

8. Any Suggestion for future

*K*  
03/06/2023

Dr. Kalipada Maity  
Associate Professor of Mathematics  
Mughera Gangadhar Mahavidyalaya



# MUGBERIA GANGADHAR MAHAVIDYALAYA

P.O.—BHUPATINAGAR, Dist.—PURBA MEDINIPUR, PIN.—721425, WEST BENGAL, INDIA  
NAAC Re-Accredited B+Level Govt. aided College  
CPE (Under UGC XII Plan) & NCTE Approved Institutions  
DBT Star College Scheme Award Recipient

E-mail : mugberia\_college@rediffmail.com // www.mugberiangadharmahavidyalaya.ac.in

Ref. No.—M.G.M. / / /  
From—The Principal / Secretary,

Date.....

## *Participation Certificate*

*This to certify that Miss. Twameka Tripathi, Alumni, Dept- of Mathematics (UG & PG), Mugberia Gangadhar Mahavidyalaya, has participated as a Teacher in the Skill Development Certificate Course on "Scientific documentation using LaTeX", organized by the Department of Mathematics, Mugberia Gangadhar Mahavidyalaya, Under DBT Star College Strengthening Scheme, Govt. of India held on 24<sup>th</sup> March,2023 to 3<sup>rd</sup> June,2023 (30 hours),and She has successfully completed her Course and all participants have been enriched by this deliberation.*

*I wish her every success in life.*

*Date : 3<sup>rd</sup> June,2023*

*Place : Mugberia Gangadhar Mahavidyalaya*



*Dr. Swapan Kumar Misra 3.06.2023*

*Principal*

*Mugberia Gangadhar Mahavidyalaya*

*Principal*

*Mugberia Gangadhar Mahavidyalaya*



## MUGBERIA GANGADHAR MAHAVIDYALAYA

P.O.—BHUPATINAGAR, Dist.—PURBA MEDINIPUR, PIN.—721425, WEST BENGAL, INDIA  
NAAC Re-Accredited B-Level Govt. aided College  
CPE (Under UGC XII Plan) & NCTE Approved Institutions  
DBT Star College Scheme Award Recipient

E-mail : mugberia\_college@rediffmail.com // www.mugberiangadharmahavidyalaya.ac.in

Ref. No.—M.G.M. / / /  
From—The Principal / Secretary,

Date.....

### *Participation Certificate*

*This to certify that Mr. Sourav Bera, Alumni, Dept- of Mathematics (UG & PG), Mugberia Gangadhar Mahavidyalaya, has participated as a Teacher in the Skill Development Certificate Course on "Scientific documentation using LaTeX", organized by the Department of Mathematics, Mugberia Gangadhar Mahavidyalaya, Under DBT Star College Strengthening Scheme, Govt. of India held on 24<sup>th</sup> March, 2023 to 3<sup>rd</sup> June, 2023 (30 hours), and He has successfully completed his Course and all participants have been enriched by this deliberation.*

*I wish his every success in life.*

Date : 3<sup>rd</sup> June, 2023

Place : Mugberia Gangadhar Mahavidyalaya



*Swapan* 3.06.2023  
Dr. Swapan Kumar Misra

Principal

Mugberia Gangadhar Mahavidyalaya

Principal

Mugberia Gangadhar Mahavidyalaya