



# MUGBERIA GANGADHAR MAHAVIDYALAYA

P.O.—BHUPATINAGAR, Dist.—PURBA MEDINIPUR, PIN.—721426, 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

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## A Report

on

## **A one Day Workshop How to write a research paper using LATEX : A Brief Introduction**

*Organized by*

*The Department of Mathematics*

**Mugberia Gangadhar Mahavidyalaya**

<https://twitter.com/MugberiaM/status/1538877376079310848/photo/1>

<https://twitter.com/MugberiaM/status/1538876622228561921/photo/1>

<https://twitter.com/MugberiaM/status/1538875143287619584/photo/4>

**Held on 20 June 2022**

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*Report prepared by*

**Dr. Kalipada Maity, Associate Professor & HOD, Dept of Mathematics**



## MUGBERIA GANGADHAR MAHAVIDYALAYA

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

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NOTICE

Date : 11.06.2022

This is to hereby notify all the students that the Dept. of Mathematics, Mugberia Gangadhar Mahavidyalaya is going to organize **A one Day Workshop How to write a research paper using LATEX : A Brief Introduction** on 20 June 2020 Under DBT STAR COLLEGE Strengthening Scheme (Govt. of India) at S.N. Bose Hall of the College. All the students, faculty member and researchers are requested to be present in the said workshop.

  
Dr. Swapan Kumar Misra 11-06-2022

Principal

Mugberia Gangadhar Mahavidyalaya

Principal  
Mugberia Gangadhar Mahavidyalaya







## Signature List of the Programme on 20 June 2022

Certificate course on 'LATEX' Dated: 24/06/2022  
 Under DBT start College scheme, Govt. of India

Organised by  
 Dept. of Mathematics  
 (Mugberia Gangadhar Mahavidyalaya)

Inaugurated by  
 Dr. Swapan Kumar Misra  
 Principal of  
 Mugberia Gangadhar Mahavidyalaya  
 Bhepatnagar; Paschim Medinipur, West Bengal, India.  
 PIN: 721425

Sl No.	Full Signature of student	Semester	Roll No.	Mobile No.
1	Goutam Jana	PG-4	2560	8101343306
2	Biren Pakhri	PG-4	2554	7001004864
3	Buddhadar Jana	PG-4	2556	8388987533
4	Subhadip Mandal	PG-4	2581	9547820884
5	Biswajit Mandal	PG-4	2555	7477862130
6	Krishendu Pradhan	PG-4	2562	7063366703
7	Saanya Kanti Mandal	PG-4	2594	9382817045
8	Soumitra Das	PG-2	3328	9749730159
9	Basudev Maity	PG-2	3304	8016657699
10	Sneharish 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	9609954267
15	Debasjoti Maity	PG-4	2558	6294672928
16	Raja Kumar Shee	PG-4	2569	8372803501
17	Sayantani Ghori	PG-2	3320	8927983518
18	Shreya Jana	PG-2	3321	9732752369
19	Pradyot Dalapati	PG-4	2566	9382558960
20	Puspendu Sau	PG-4	2568	8597848426
21	Subhamay Das	PG-4	2582	9064497211
22	Santa Bera	PG-2	3319	9749850458
23	Snigdha Mandal	PG-4	2578	6206475978
24	Shrabani Jana	PG-4	2574	8337806535

Dr. Kalipada Maity  
 Associate Professor of Mathematics  
 Mugberia Gangadhar Mahavidyalaya

Certificate course on LATEX Dated: 27/04/2022  
 Date - 27.04.2022 Teacher - Sourav Bera  
 Time - 3:15 - 5:15 Twanika Tripathi

SL-NO	Name	Sem	Signature
1.	Poushali Tripathy	PG (4th)	P.T.
2.	Tapasi Karan	PG (4th)	T. Karan
3.	Pradyot Dalapati	PG (4th)	P. Dal
4.	Saanya Mandal	PG (4th)	S. Mandal
5.	Debasjoti Maity	PG (4th)	D. Maity
6.	Sayan Das	PG (4th)	S. Das
7.	Sumana Maity	PG (4th)	Sumana Maity
8.	Puspendu Sau	PG-4	P. Sau
9.	Saanya Kanti Mandal	PG (4th sem)	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	Priya Das Bhikari	PG (4th sem)	P. Das
17	Raja Kumar Shee	PG (4th sem)	R. K. Shee
18	Susmita Sahoo	PG (4th sem)	S. Sahoo
19	Buddhadar 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			
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29			
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Dr. Kalipada Maity  
 Associate Professor of Mathematics  
 Mugberia Gangadhar Mahavidyalaya

Speaker : Prof. Shyamal Kumar Mandal, Dept of Mathematics, Vidyasahar University, West Bengal.

Lecture detail on **LATEX** ; a Brief Introduction is given below:

## Research Methodology Workshop 2021-22

**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*.

  
22/06/2022



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 22-06-22  
Signature of principal

Principal  
Mugberia Gangadhar Mahavidyalaya