



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

A Skill Development Certificate Course

On

“**MATLAB**”

Course Period: **8th September 2022– 16th January 2023**



Organized

by

Department of Mathematics (UG & PG)

Under DBT Star College Strengthening Scheme

MugberiaGangadharMahavidyalaya

ACCREDITED BY NAAC WITH GRADE B+

Affiliated

to

Vidyasagar University

Bhupatinagar, Purba Medinipur – 721425

Minutes of the Departmental meeting collaboration with DBT held on 02.09.2022

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 “MATLAB” 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 **Mr. SantuHati** will be coordinator of this course.
- (3) The course period will be scheduled from **08th September, 2022 to 16th January 2023. Friday in every week.**

It is decided that the course will be delivered by lecture, interaction and doubt clearance along with an examination on topic related to MATLAB. Course is conduct for UG-III sem. Course access fee for the student is decided as **Rs. 50/-**. 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.



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

Date.....

Date: 02-09-2022

Department of Mathematics

Notice

This is to hereby notify all the students that the dept. of Mathematics, MugberiaGangadharMahavidyalaya is going to organize a certificate course on “MATLAB” from 08th September, 2022 to 16th January, 2023 in our department through offline mode. The course will be delivered by lecture, interaction and doubt clearance along with a examination on topic related to MATLAB. The course will be conduct for UG-III sem. Course access fee for the student is decided as Rs. 50/- .All the students of our college especially of our dept. UG-III sem, are requested to be present in this course.

A Skill Development Certificate Course

On

“MATLAB”

Course period: 8th September 2022– 16th January 2023

Course Director:

- 1) Dr. Kalipada Maity, HOD, Associate Prof., Dept. of Mathematics

Course Coordinators:

- 1) Mr. Santu Hati, Contractual Teacher, Dept. of Mathematics

Faculty Team:

- 1) Dr. Swapan Kumar Misra, Chair Person & Principal, Mugberia Gangadhar Mahavidyalaya
- 2) Dr. Kalipada Maity, Associate Professor, Head, Department of Mathematics (UG & PG), Mugberia Gangadhar Mahavidyalaya
- 3) Dr. Manoranjan De, Assistant Professor, Department of Mathematics (UG & PG) Mugberia Gangadhar Mahavidyalaya
- 4) Mr. Bikash Panda, SACT Teacher, Dept. of Mathematics.
- 5) Mr. Suman Kumar Giri, SACT Teacher, Dept. of Mathematics.
- 6) Mr. Debraj Manna, SACT Teacher, Dept. of Mathematics.
- 7) Mr. Hironmoyee Manna, SACT Teacher, Dept. of Mathematics.
- 8) Mr. Santu Hati, Contractual Teacher, Dept. of Mathematics.
- 9) Mr. Goutam Kumar Mandal, Contractual Teacher, Dept. of Mathematics.
- 10) Mr. Subham Maity, Contractual Teacher, Dept. of Mathematics.

Course Duration: 30 hrs

Delivery Mode: Offline

OBJECTIVES:

The overall **aim** of the course would be to gain the skills on MATLAB, aspiring students to know about high level computer language on MATLAB. The **specific objectives** of the course are-

❖ MATLAB is considered as one of the most important tools and modern computer language, and this course enable the students to learn many of MATLAB commands and how to use them in programming to solve many problems in different mathematical subjects, specially in numerical analysis and other subjects which connected to computer oriented mathematics.

COURSE LEARNING OUTCOME

Knowledge: The course aims to give students a broad understanding of the most important tools and modern computer language, and this course enables the students to learn many of MATLAB commands. This course gives the knowledge to solve many problems in different mathematical subjects, specially in numerical analysis.

Competence: Students should become competent in planning, conducting, evaluating and presenting a research project.

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. 50.00 (Fifty rupees Only)

VENUE: Mathematics Lab, Department of Mathematics (UG & PG), Mugberia Gangadhar Mahavidyalaya.

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

Course specific outcome: Develop the basic concept of “MATLAB”.

Curriculum approved by: Departmental Committee & academic sub-committee, Mugberia Gangadhar Mahavidyalaya.

Syllabus of “MATLAB”

Programming in MATLAB: Basic concept on MATLAB. The Matlab workspace, data types, Variables, Assignment statements, arrays, sets, matrices, Introduction to M – file scripts, Input and output functions, conditional control statements, Loop control statements, break, continue and return statements.

List of practical (using any software)

1. Calculate the sum $1/1 + 1/2 + 1/3 + 1/4 + \dots + 1/N$.
2. Enter 100 integers into an array and sort them in an ascending order.
3. Solution of transcendental and algebraic equations by i) Bisection method ii) Newton Raphson method. iii) Secant method. iv) Regula Falsi method.

4. Solution of system of linear equations i) LU decomposition method ii) Gaussian elimination method iii) Gauss-Jacobi method iv) Gauss-Seidel method
5. Interpolation i) Lagrange Interpolation ii) Newton Interpolation
6. Numerical Integration i) Trapezoidal Rule ii) Simpson's one third rule iii) Weddle's Rule iv) Gauss Quadrature
7. Method of finding Eigenvalue by Power method
8. Fitting a Polynomial Function
9. Solution of ordinary differential equations i) Euler method ii) Modified Euler method iii) RungeKutta method

REFERENCES

1. Gilat A. MATLAB: an Introduction with Applications. New York: Wiley; 2008.
2. Palm III WJ. Introduction to MATLAB for Engineers. New York: McGraw-Hill; 2011.

A Skill Development Certificate Course

On

"MATLAB "

Organised by

Department of Mathematics (U.G & P.G)

Under DBT Star College Strengthening Scheme

MugberiaGangadharMahavidyalaya

Date of Inauguration: 08th September, 2022

Eligibility: Students of Mathematics (Hons) Sem.- III only

Duration: 30 Hours Registration Fee: Rs. 50/-

Dr. Swapan Kumar Misra, Principal, MugberiaGangadharMahavidyalaya

Dr. KalipadaMaity, Courses Director, HOD & Associate Professor, Dept. of Mathematics

Mr. SantuHati, Coordinator, Teacher of Dept. of Mathematics

To enroll in this program, intended participants are requested to contact with Dr. KalipadaMaity, HOD & Associate Professor, Dept. of Mathematics ,MugberiaGangadharMahavidyalaya

Email : kmaity78@gmail.com

Phone No : 9434611354

Skill Development Certificate Course on MATLAB (JEEVAN KOUSHAL)

08th September 2022 to 16th January 2023

Organized by Dept of Mathematics (UG & PG)

Registration Date 3rd September 2022 to 07th September 2022

List of register Students

Sl. No.	Student Name	Roll Number	UG(SEM)	Mobile Number	Amount Paid
1	SayanSahoo	1538	SEM-III	8535868655	Rs. 50.00
2	Rudra Prakash Das	1528	SEM-III	9339575335	Rs. 50.00
3	Sandipan Kala	1535	SEM-III	9932742466	Rs. 50.00
4	Sandip Kumar Paul	1533	SEM-III	8509844535	Rs. 50.00
5	ShibamMajhi	1539	SEM-III	9832185465	Rs. 50.00
6	Debanshu Roy	1513	SEM-III	8918838468	Rs. 50.00
7	Pritish Bag	1522	SEM-III	9883208190	Rs. 50.00
8	Nandini Jana	1520	SEM-III	7811002172	Rs. 50.00
9	Samapti Jana	1530	SEM-III	9083968687	Rs. 50.00
10	SomasriSau	1541	SEM-III	8101068101	Rs. 50.00
11	Ayantika Jana	1507	SEM-III	9933699319	Rs. 50.00
12	BasantiMondal	1508	SEM-III	9907216180	Rs. 50.00
13	Sonakshi Manna	1542	SEM-III	8016409205	Rs. 50.00
14	Tanmay Kumar Adak	1547	SEM-III	9083097558	Rs. 50.00
15	Rasbihari Mal	1524	SEM-III	7029334755	Rs. 50.00

Skill Development Certificate Course on MATLAB (JEEVAN KOUSHAL)

08th September 2022 to 16th January 2023

Organized by Dept of Mathematics (UG & PG)

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Skill Development Certificate Course on MATLAB (JEEVAN KOUSHAL)

08th September 2022 to 16th January 2023

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MugberiaGangadharMahavidyalaya

Bhupatinagar :: Purba Medinipur :: 721425

Student Class Attendance List

Certificate Course on MATLAB
What is MATLAB? Why we learn MATLAB language
Time - 2.15 - 4.15 PM
Date: 08/09/2022
Page: 1

- 1) Sayan Sahoo
- 2) Samaptra Jana
- 3) Ayantika Jana
- 4) Basanti Mondal.
- 5) Sonakshi Manna
- 6) Sandip Kumar Paul.
- 7) Somasri Sau
- 8) Rudra Prakash Das
- 9) Shubam Mishra
- 10) Sandipam Kaler.
- 11) Namdini Jana.
- 12) Prajish Bag
- 13) Rasbihari Mal
- 14) Debanshu Roy
- 15) Tanmay Kumar Adak

08/09/22
08/09/2022

<p>Certificate Course on MATLAB</p> <p>Basic concept on MATLAB, Workspace, variables</p> <p>Time-12.15-4.15 pm</p> <p>Date: 13/09/2022</p> <p>Page: 1</p>	
17	Sayen Sahoo
2	Samapti Jana
8	Ayanika Jana
4	Basanti Mondal
5	Sonateshi Manna
6	Sandip Kumar Paul
7	Debanshu Roy
7	Somasri Sau
8	Nandini Jana
9	Shubam majhi
10	Debanshu Roy
11	Rudra Prakash Das
12	Prilish Bag
13	Sandipan Kala
14	Tanmay Kumar Adak
15	Rasbihari Mal
<p>Dr. Kalipada Maity</p> <p>Associate Professor of Mathematics</p> <p>Mughera Gangadhar Mahavidyalaya</p> <p>13/09/2022</p>	
<p>Certificate Course on MATLAB</p> <p>Time-12.15-4.15 pm</p> <p>Date-23/09/2022</p>	
17	Sayen Sahoo
2	Samapti Jana
8	Ayanika Jana
4	Basanti Mondal
5	Sonateshi Manna
6	Sandip Kumar Paul
7	Prilish Bag
8	Debanshu Roy
9	Tanmay Kumar Adak
10	Somasri Sau
11	Nandini Jana
12	Rasbihari Mal
13	Shubam majhi
14	Sandipan Kala
15	Rudra Prakash Das
<p>Dr. Kalipada Maity</p> <p>Associate Professor of Mathematics</p> <p>Mughera Gangadhar Mahavidyalaya</p> <p>23/09/2022</p>	

Certificate Course on MATLAB
 Concept on operator, matrix, m-files
 Time - 2:15 - 4:15 pm

Date 11/11/2022

- 1) Sojan Sahoo
- 2) Samapti Jana
- 3) Ayantika Jana
- 4) Basanti Mondal.
5. Sonakshi Manna
6. Sandip Kumar Paul.
7. Tammar Kumar Adak
8. Pritish Bag
9. Rasbihari Mal
10. Somasri Sahu
11. Nandini Jana.
12. Rudra Prakash Das
13. Debanshu Roy
14. Shikam Mishra
15. Sandipan Mal.

Dr. Kalipeda Maity
 Associate Professor of Mathematics
 Murugan College

11/11/22

11/11/2022
 Dr. Kalipeda Maity
 Associate Professor of Mathematics
 Murugan College

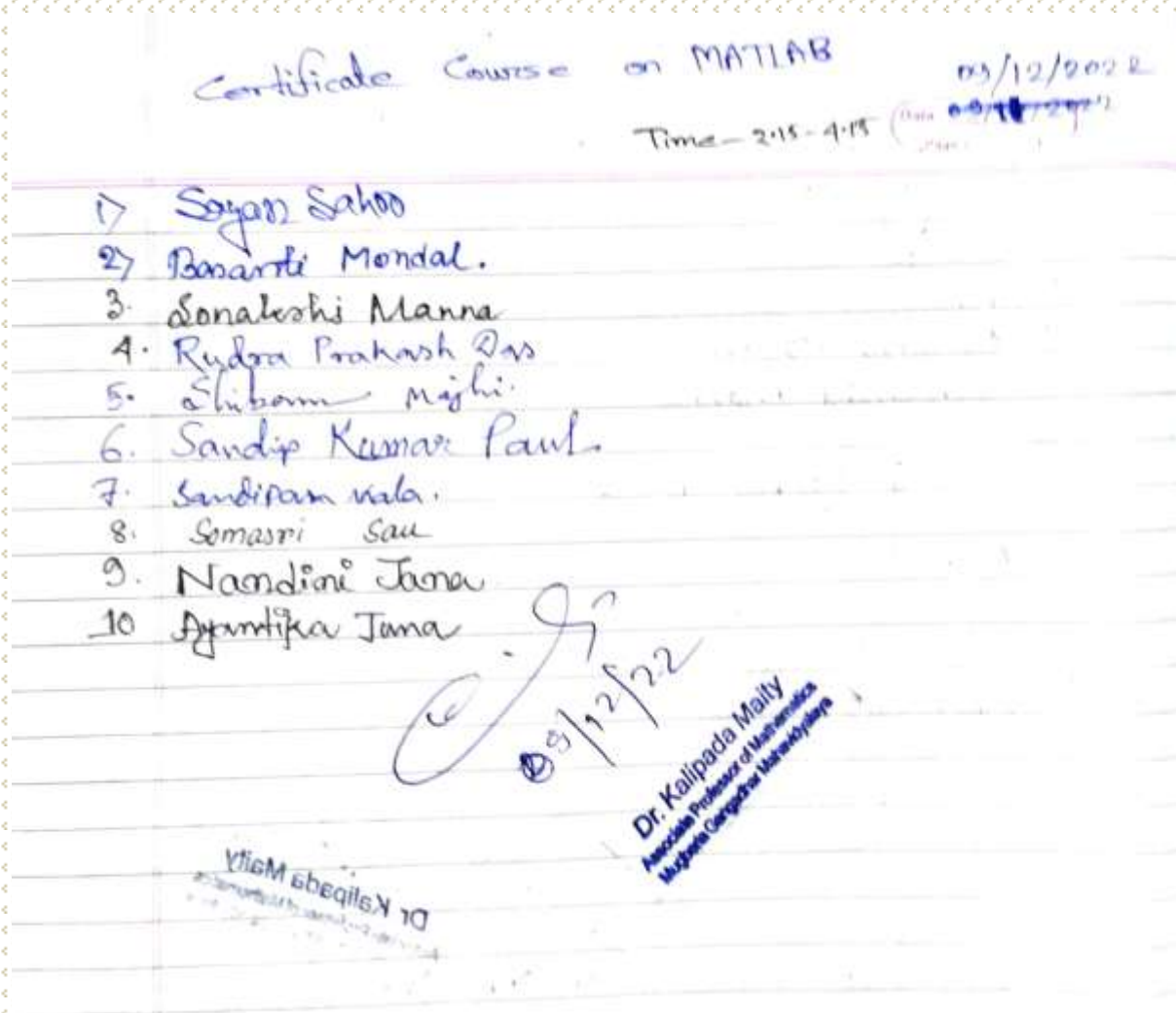
Certificate Course on MATLAB

Date - 18/11/2022

- 1) Sojan Sahoo
- 2) Samapti Jana
- 3) Ayantika Jana
- 4) Basanti Mondal.
5. Sonakshi Manna
6. Debanshu Roy
7. Tammar Kumar Adak
8. Sandip Kumar Paul.
9. Somasri Sahu
10. Nandini Jana.
11. Rudra Pr. Das
12. Shikam Mishra
13. Sandipan Mal.
14. Pritish Bag
15. Rasbihari Mal.

Dr. Kalipeda Maity
 Associate Professor of Mathematics
 Murugan College

18/11/2022
 Dr. Kalipeda Maity
 Associate Professor of Mathematics
 Murugan College



Department of

Certificate Course on MAT-LAB

1. Some practical or computational and
Time - 2.15 - 4.15 pm Date - 25/11/2022

1. Sajjan Sahoo
2. Samapti Jana
3. Agamika Jana
4. Bonarshi Mondal
5. Sonalishi Manna
6. Pratik Das
7. Sandip Kumar Paul
8. Tarun Kumar Paul
9. Radhika Mal
10. Debanishu Das
11. Rudra Pr. Das
12. Namdini Jana
13. Shikhar Majhi
14. Sandipam Vata
15. Somnari Sahu

Certificate Course on MAT-LAB

Date - 02/12/2022
Time - 4.15 - 6.15 pm

1. Sajjan Sahoo
2. Samapti Jana
3. Agamika Jana
4. Bonarshi Mondal
5. Sonalishi Manna
6. Debanishu Das
7. Radhika Mal
8. Rudra Pr. Das
9. Tarun Kumar Paul
10. Somnari Sahu
11. Namdini Jana
12. Shikhar Majhi
13. Sandipam Vata
- 14.
- 15.

Certificate Course on MATLAB
Time - 1.15 - 4.00

Date 06/01/2023

<u>Names:</u>	<u>Sem:</u>	<u>Roll no:</u>
1. <u>Sayam Sahoo</u>	3rd	1538
2. <u>Rashmi Mal</u>	3rd	1524
3. <u>Shikhar Singh</u>	3rd	1530 1530
4. <u>Gonakshi Manna</u>	3rd	
5. <u>Samapti Jana</u>	4	1530
6. <u>Sandip Kish</u>	4	1535
7. <u>Sandip Kumar Paul</u>	4	1533
8. <u>Debarshi Mondal</u>	4	1508
9. <u>Somani San</u>	4	1541
10. <u>Aparajita Jana</u>	4	1507
11. <u>Nandini Jana</u>	4	1520
12. <u>Tanmay Kumar Adak</u>	4	1547

9
06/01/23

Santia Hali 06/01/2023

Dr. Kalpana Maity
Associate Professor of Mathematics
Kalinga College, Bhubaneswar

Digitally signed by Dr. Kalpana Maity
DN: cn=Dr. Kalpana Maity, o=Kalinga College, ou=Kalinga College, email=kalpana.maity@kalingacollege.org

Dep

Certificate course on MATLAB

Time - 2.15 - 4.15

Date: 13/01/23

Page: 01

Name	Sem	Roll No
1. Sagar Sahoo	III	1538
2. Nandini Jana	III	1520
3. Resbihari Mal	III	1524
4. Shubam Majhi	III	1539
5. Debarshu Roy	III	1513
6. Tanmay Kumar Adaty	III	1547
7. Samapti Jana	III	1530
8. Sandipan Kala	III	1535
9. Rudra Prakash Das	III	1528
10. Sonakeshi Manna	III	1542
11. Ayantika Jana	III	1507
12. Sandip Kumar Paul	III	1533

13/01/2022

Santu Hati 13/01/2023

Dr. Kalipada Maiti
Associate Professor of Mathematics
Mugda Gangadhar Mahavidyalaya

Depart

Certificate Distribution Ceremony of MATLAB

16th January 2023

Organized by

Dept of Mathematics (UG & PG)

MugberiaGangadharMahavidyalaya



The list of Distributed Certificates on MATLAB

Skill Development Certificate Course
On
MATLAB (JEEVAN KOUSHAL)
8th September (2022)- 16th January, (2023)
Organized by-
Department of Mathematics (UG & PG)
In collaboration with DBT, Govt. of India.
MUGBERIA GANGADHAR MAHAVIDYALAYA
Bhupatinagar :: Purba Medinipur :: West Bengal :: 721425
Certificate

This is to certify that Mr./Mrs.....*Nandini Jana*....., a student of Department of Mathematics, *Mugberia Gangadhar Mahavidyalaya* has successfully participated & completed thirty hours for skill development certificate course on "MATLAB" and obtained Grade ..*A+*...

Note : Classification of grade is
A+: 80% and above; A : 65% to less than or equal to 79%; B: 50% to less than or equal to 64%; C : 35% to less than or equal to 49%; F : 34 % and below.

Date : 16th January 2023
Place : *Mugberia Gangadhar Mahavidyalaya*

Mr. Santu Hati
Coordinator &
Cont. Teacher

Dr. Kalipada Maitty
Course Director & HOD
Dept. of Mathematics

Dr. Swapan Kumar Misra
Principal
Mugberia Gangadhar Mahavidyalaya

Skill Development Certificate Course
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Certificate

This is to certify that Mr./Mrs.....*Pratik Bag*....., a student of Department of Mathematics, *Mugberia Gangadhar Mahavidyalaya* has successfully participated & completed thirty hours for skill development certificate course on "MATLAB" and obtained Grade ..*A+*...


Note : Classification of grade is
A+: 80% and above; A : 65% to less than or equal to 79%; B: 50% to less than or equal to 64%; C : 35% to less than or equal to 49%; F : 34 % and below.

Date : 16th January 2023
Place : *Mugberia Gangadhar Mahavidyalaya*


Mr. Santu Hati
Coordinator &
Cont. Teacher

Dr. Kalipada Maitty
Course Director & HOD
Dept. of Mathematics

Dr. Swapan Kumar Misra
Principal
Mugberia Gangadhar Mahavidyalaya



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Certificate

This is to certify that Mr./Mrs.....Rasbihari Mal....., a student of Department of Mathematics, **Mugberia Gangadhar Mahavidyalaya** has successfully participated & completed thirty hours for skill development certificate course on **"MATLAB"** and obtained Grade A.....


Note : Classification of grade is
A+: 80% and above; A : 65% to less than or equal to 79%; B: 50% to less than or equal to 64%; C : 35% to less than or equal to 49%; F : 34 % and below

Dr. Santu Hati
Mr. Santu Hati
Coordinator &
Cont. Teacher


Dr. Kalipada Maiti
Dr. Kalipada Maiti
Course Director & HOD
Dept. of Mathematics

Dr. Swapan Kumar Misra
Dr. Swapan Kumar Misra
Principal
Mugberia Gangadhar Mahavidyalaya

Dated : 16th January 2023
Place : Bhupatinagar, Bhadrakpur, West Bengal



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Certificate

This is to certify that Mr./Mrs.....Rudra Prakash Das....., a student of Department of Mathematics, **Mugberia Gangadhar Mahavidyalaya** has successfully participated & completed thirty hours for skill development certificate course on **"MATLAB"** and obtained Grade A+.....

Note : Classification of grade is
A+: 80% and above; A : 65% to less than or equal to 79%; B: 50% to less than or equal to 64%; C : 35% to less than or equal to 49%; F : 34 % and below

Dr. Santu Hati
Mr. Santu Hati
Coordinator &
Cont. Teacher

Dr. Kalipada Maiti
Dr. Kalipada Maiti
Course Director & HOD
Dept. of Mathematics

Dr. Swapan Kumar Misra
Dr. Swapan Kumar Misra
Principal
Mugberia Gangadhar Mahavidyalaya

Dated : 16th January 2023
Place : Bhupatinagar, Bhadrakpur, West Bengal

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Certificate

This is to certify that Mr./Mrs. Samapli Jana, a student of Department of Mathematics, **Mugberia Gangadhar Mahavidyalaya** has successfully participated & completed thirty hours for skill development certificate course on "MATLAB" and obtained Grade A.

Note : Classification of grade is
A+ : 80% and above; A : 65% to less than or equal to 79%; B : 50% to less than or equal to 64%; C : 35% to less than or equal to 49%; F : 34 % and below.

Date : 16th January 2023
Place : Mugberia Gangadhar Mahavidyalaya


Mr. Santa Huti
Coordinator &
Cont. Teacher


Dr. Kulipada Maiti
Course Director & HOD
Dept. of Mathematics


Dr. Swapnil Kumar Mishra
Principal
Mugberia Gangadhar Mahavidyalaya

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Certificate

This is to certify that Mr./Mrs. Sandip Kumar Paul, a student of Department of Mathematics, **Mugberia Gangadhar Mahavidyalaya** has successfully participated & completed thirty hours for skill development certificate course on "MATLAB" and obtained Grade A.

Note : Classification of grade is
A+ : 80% and above; A : 65% to less than or equal to 79%; B : 50% to less than or equal to 64%; C : 35% to less than or equal to 49%; F : 34 % and below.

Date : 16th January 2023
Place : Mugberia Gangadhar Mahavidyalaya


Mr. Santa Huti
Coordinator &
Cont. Teacher


Dr. Kulipada Maiti
Course Director & HOD
Dept. of Mathematics


Dr. Swapnil Kumar Mishra
Principal
Mugberia Gangadhar Mahavidyalaya

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Bhupatinagar :: Purba Medinipur :: West Bengal :: 721425

Certificate

This is to certify that Mr./Mrs. Sandipan Kala, a student of Department of Mathematics, **Mugberia Gangadhar Mahavidyalaya** has successfully participated & completed thirty hours for skill development certificate course on "MATLAB" and obtained Grade A.

Note : Classification of grade is
A+: 80% and above; A : 65% to less than or equal to 79%; B: 50% to less than or equal to 64%; C : 35% to less than or equal to 49%; F : 34 % and below.

Date : 5th January 2023
Place : Bhupatinagar, Gangadhar Mahavidyalaya


Mr. Santu Hati
Coordinator &
Cont. Teacher


Dr. Kalipada Maitty
Course Director & HOD
Dept. of Mathematics


Dr. Swapan Kumar Misra
Principal
Mugberia Gangadhar Mahavidyalaya

Skill Development Certificate Course
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Bhupatinagar :: Purba Medinipur :: West Bengal :: 721425

Certificate

This is to certify that Mr./Mrs. Sayan Sahoo, a student of Department of Mathematics, **Mugberia Gangadhar Mahavidyalaya** has successfully participated & completed thirty hours for skill development certificate course on "MATLAB" and obtained Grade A+.

Note : Classification of grade is
A+: 80% and above; A : 65% to less than or equal to 79%; B: 50% to less than or equal to 64%; C : 35% to less than or equal to 49%; F : 34 % and below.

Date : 5th January 2023
Place : Bhupatinagar, Gangadhar Mahavidyalaya


Mr. Santu Hati
Coordinator &
Cont. Teacher


Dr. Kalipada Maitty
Course Director & HOD
Dept. of Mathematics


Dr. Swapan Kumar Misra
Principal
Mugberia Gangadhar Mahavidyalaya

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Certificate

This is to certify that Mr./Mrs. Shibam Majhi, a student of Department of Mathematics, **Mugberia Gangadhar Mahavidyalaya** has successfully participated & completed thirty hours for skill development certificate course on "**MATLAB**" and obtained Grade ..**A**....

Note : Classification of grade is
A+ : 80% and above; A : 65% to less than or equal to 79%; B: 50% to less than or equal to 64%; C : 35% to less than or equal to 49%; F : 34 % and below.

Date : 16th January 2023
Place : Bhupatinagar, Gangadhar Mahavidyalaya


Mr. Santu Hati
Coordinator &
Cont. Teacher


Dr. Kalipada Maiti
Course Director & HOD
Dept. of Mathematics


Dr. Swapan Kumar Misra
Principal
Mugberia Gangadhar Mahavidyalaya

Skill Development Certificate Course
On
MATLAB (JEEVAN KOUSHAL)
8th September (2022)- 16th January, (2023)

Organized by-
Department of Mathematics (UG & PG)
In collaboration with DBT, Govt. of India.
MUGBERIA GANGADHAR MAHAVIDYALAYA
Bhupatinagar :: Purba Medinipur :: West Bengal :: 721425

Certificate

This is to certify that Mr./Mrs. Somabari Saha, a student of Department of Mathematics, **Mugberia Gangadhar Mahavidyalaya** has successfully participated & completed thirty hours for skill development certificate course on "**MATLAB**" and obtained Grade ..**A**....

Note : Classification of grade is
A+ : 80% and above; A : 65% to less than or equal to 79%; B: 50% to less than or equal to 64%; C : 35% to less than or equal to 49%; F : 34 % and below.

Date : 16th January 2023
Place : Bhupatinagar, Gangadhar Mahavidyalaya


Mr. Santu Hati
Coordinator &
Cont. Teacher


Dr. Kalipada Maiti
Course Director & HOD
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Certificate

This is to certify that Mr./Mrs.....Sonakeshi Manna....., a student of Department of Mathematics, **Mugberia Gangadhar Mahavidyalaya** has successfully participated & completed thirty hours for skill development certificate course on "MATLAB" and obtained Grade ..A+...

Note : Classification of grade is
A+: 80% and above; A : 65% to less than or equal to 79%; B: 50% to less than or equal to 64%; C : 35% to less than or equal to 49%; F : 34 % and below.


Mr. Santu Hati
 Coordinator &
 Cont. Teacher


Dr. Kalipada Maiti
 Course Director & HOD
 Dept. of Mathematics


Dr. Swapan Kumar Misra
 Principal
 Mugberia Gangadhar Mahavidyalaya

Date : 16th January 2023
Place : Mugberia Gangadhar Mahavidyalaya

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Certificate

This is to certify that Mr./Mrs.....Tanmay Kumar Adak....., a student of Department of Mathematics, **Mugberia Gangadhar Mahavidyalaya** has successfully participated & completed thirty hours for skill development certificate course on "MATLAB" and obtained Grade ..A+...

Note : Classification of grade is
A+: 80% and above; A : 65% to less than or equal to 79%; B: 50% to less than or equal to 64%; C : 35% to less than or equal to 49%; F : 34 % and below.


Mr. Santu Hati
 Coordinator &
 Cont. Teacher


Dr. Kalipada Maiti
 Course Director & HOD
 Dept. of Mathematics


Dr. Swapan Kumar Misra
 Principal
 Mugberia Gangadhar Mahavidyalaya

Date : 16th January 2023
Place : Mugberia Gangadhar Mahavidyalaya

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Certificate

This is to certify that Mr./Mrs.....Ayanka Jana....., a student of Department of Mathematics, **Mugberia Gangadhar Mahavidyalaya** has successfully participated & completed thirty hours for skill development certificate course on "MATLAB" and obtained Grade A.

Note : Classification of grade is
A+: 80% and above; A : 65% to less than or equal to 79%; B: 50% to less than or equal to 64%; C : 35% to less than or equal to 49%; F : 34 % and below.

 **Mr. Santu Hali**
Coordinator &
Cont. Teacher
 **Dr. Kalipada Maiti**
Course Director & HOD
Dept. of Mathematics
 **Dr. Swapan Kumar Misra**
Principal
Mugberia Gangadhar Mahavidyalaya

Date : 16th January 2023
Place : Mugberia Gangadhar Mahavidyalaya

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Certificate

This is to certify that Mr./Mrs.....Baranli Mondal....., a student of Department of Mathematics, **Mugberia Gangadhar Mahavidyalaya** has successfully participated & completed thirty hours for skill development certificate course on "MATLAB" and obtained Grade A+.

Note : Classification of grade is
A+: 80% and above; A : 65% to less than or equal to 79%; B: 50% to less than or equal to 64%; C : 35% to less than or equal to 49%; F : 34 % and below.

 **Mr. Santu Hali**
Coordinator &
Cont. Teacher
 **Dr. Kalipada Maiti**
Course Director & HOD
Dept. of Mathematics
 **Dr. Swapan Kumar Misra**
Principal
Mugberia Gangadhar Mahavidyalaya

Date : 16th January 2023
Place : Mugberia Gangadhar Mahavidyalaya



Feedback Form

Skill Development Certificate Courses on MATLAB

8th September 2022 to 16th January 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 eight questions)

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

Excellent	Good	Average	Poor
A			

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

Excellent	Good	Average	Poor
A			

3. Did the courses help for COMPUTATION?

Excellent	Good	Average	Poor
A			

Santa Rishi
16/01/2023

(Signature) 16/01/2023
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
4			

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

Excellent	Good	Average	Poor
4			

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

Excellent	Good	Average	Poor
4			

7. Rate the arrangement of the course is well.

Excellent	Good	Average	Poor
	3		

8. Any Suggestion for future

We learn many advance tool like MATLAB.
We will like more certificate courses of such concept.

Santa Heli
16/01/2023

16/01/2023
Dr. Kalipada Maity
Associate Professor of Mathematics
Mughera Gangadhar Mahapatra

Departmental Reports @ Mathematics: 2022-23

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

Excellent	Good	Average	Poor
4			

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

Excellent	Good	Average	Poor
4			

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

Excellent	Good	Average	Poor
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Excellent	Good	Average	Poor
	3		

8. Any Suggestion for future

We learn many advance tool MATLAB.
We will like more certificate courses of such concept.

Dr. K. K. H. H.
16/01/2023

Dr. K. K. H. H. H.
Associate Professor of Mathematics
Mazheria Gangadhar Mahandyalaya

Principal
16-01-2023

Principal
Mazheria Gangadhar Mahandyalaya

