



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

Reports on Certificate Course On “C Programming”

Course period: From 5th March, 2022 – 18th April, 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

Minutes of the Departmental meeting collaboration with DBT held on 01.03.2022

Members present:

1. Dr. Kalipada Maity, 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. Santu Hati, Contractual Teacher, Dept. of Mathematics.
8. Mr. Goutam Kumar Mandal, Contractual Teacher, Dept. of Mathematics.
9. Mr. Subham Maity, Contractual Teacher, Dept. of Mathematics.

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

Decision taken in the meeting is:

- (1) It is decided that **Dr. Kalipada Maity** will be coordinator of this course.
- (2) The course period will be scheduled from **5th March, 2022 – 18th April, 2023.**

It is decided that the course will be delivered by lecture, interaction and doubt clearance along with an examination on topic related to C Programming. Course is conduct for UG-V 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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Date 01.03.2022

Notice

This is to hereby notify all the students that the dept. of Mathematics, Mugberia Gangadhar Mahavidyalaya is going to run a certificate course on “C Programming” from 5th March 2022 to 18th April 2022 through offline mode. The course will be delivered by lecture, Computer Lab practices, Assignment Solve, interaction and doubt clearance along with a examination on topic related to C Programming. The course will be conduct for UG-V sem. Course access fee for the student is decided as Rs. 200/-. All the students of our college especially of the Dept. of Mathematics UG-V SEM are requested to be present in this course.

 01.03.2022
Dr. Swapan Kumar Misra

Principal

Mugberia Gangadhar Mahavidyalaya



Principal
Mugberia Gangadhar Mahavidyalaya

Certificate Course

On

“C Programming”

Course period: From 5th March, 2022 – 18th April, 2023

Course Coordinators:

- 1) Dr. Kalipada Maity, HOD, Associate Prof., 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 C Programming Language, aspiring students to know about high level computer language on C Programming. The **specific objectives** of the course are-

❖ C language is considered as the mother language of all the modern programming languages because it builds the base for other programming languages, the course is designed to provide complete knowledge of C language. Students will be able to develop logics which will help them to create programs, applications in C. Also by learning the basic programming constructs they can easily switch over to any other language in future.

COURSE LEARNING OUTCOME:

Knowledge: The course aims to give students a broad understanding of the most important modern computer language. This course gives the knowledge to solve

many problems in different mathematical subjects. After the completion of this course, the students will be able to develop applications.

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. 200.00 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 C Programming submission. Attendance is Compulsory.

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

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

“C” Programming Language Syllabus

Introduction and First Program:

Introduction, Art of Programming through Algorithms and Flowcharts, Why Programming, History of C Language, Hello World Program.

Overview of C:

History and importance of C, Basic structure of C program, executing a C program.

Constants, Variable and Data Types:

Introduction, Character Set, C Tokens, Keywords and Identifiers, Constants, Variables, Data Types, Declaration of Variables, Assigning Values to Variables, Defining Symbolic Constants.

Managing Input and Output Operations:

Reading a Character, Writing a Character, Formatted Input, Formatted Output.

Console IO Operations:

Printf and Scanf, Unformatted IO Functions.

Operators and Expressions :

Introduction, Arithmetic Operators, Relational Operators, Logical Operators, Assignment Operators, Increment and Decrement Operators, Conditional Operator, Special Operators, Arithmetic Expressions, Arithmetic Operators, Operator Precedence and Associativity.

Decision Making and Branching:

Introduction, Decision Making with IF Statement, Simple IF Statement, the IF-ELSE Statement, Nesting of IF-ELSE Statements, The ELSE IF Ladder, The Switch statement, The ? : Operator, The goto statement.

Decision Making and Looping:

Introduction, The while Statement, The do statement, The for statement, Jumps in LOOPS.

❖ Reference Books:

1. E. Balagurusamy: Programming in ANSI C
2. Y. Kanetkar: Let us C.
3. C. Xavier: Programming in C.
4. Srivastava and Srivastava: C in Depth
5. M. Pal, Programming in C with numerical and Statistical Methods

A Skill Development Certificate Course

On

"C Programming "

Organised by

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

Mugberia Gangadhar Mahavidyalaya

Date of Inauguration: 5th March, 2022

Eligibility:UG Sem-V student of Mathematics.

Duration: 30 Hours

Registration Fee: Rs. 200/-

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

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

To enroll in this program, intended participants are requested to contact with Dr. Kalipada Maity, HOD & Associate Professor, Dept. of Mathematics : Mugberia Gangadhar Mahavidyalaya

Email : kmaity78@gmail.com

Phone No : 9434611354

Certificate Course On “C Programming”

Organized by Dept of Mathematics (UG & PG)

Mugheria Gangadhar Mahavidyalaya

Bhupatinagar :: Purba Medinipur :: 721425

Registration Date : 01.03.2022 – 04.03.2022

List of register Students

Sl. No.	Student Name	UG(SEM)	Amount Paid
1	Anwasha Samanta	SEM- V	Rs. 200.00
2	Bithi Maikap	SEM- V	Rs. 200.00
3	Debraj Mondal	SEM- V	Rs. 200.00
4	Dipak Paria	SEM- V	Rs. 200.00
5	Indrani Das	SEM- V	Rs. 200.00
6	Manoj Maity	SEM- V	Rs. 200.00
7	Megha Santra	SEM- V	Rs. 200.00
8	Nandita Jana	SEM- V	Rs. 200.00
9	Pabitra Mondal	SEM- V	Rs. 200.00
10	Partha Pratim Maity	SEM- V	Rs. 200.00
11	Pradip Maity	SEM- V	Rs. 200.00
12	Puspendu Maity	SEM- V	Rs. 200.00
13	Ranjit Pradhan	SEM- V	Rs. 200.00
14	Sabyasachi Maji	SEM- V	Rs. 200.00
15	Samik Das	SEM- V	Rs. 200.00
16	Santu Bera	SEM- V	Rs. 200.00
17	Saswati Giri	SEM- V	Rs. 200.00
18	Sourav Das	SEM- V	Rs. 200.00
19	Sourav Tripathy	SEM- V	Rs. 200.00
20	Srijan Das	SEM- V	Rs. 200.00
21	Subhadip Jana	SEM- V	Rs. 200.00
22	Subhajit Jana	SEM- V	Rs. 200.00
23	Surjadip Barik	SEM- V	Rs. 200.00

Principal
Mugheria Gangadhar Mahavidyalaya

ANCE OF PUPILS

OF 5th March to 18th April
2022

ANCE										No. of days																																
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
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REMARKS

No. of working days during the Month -

Certificate Course On "C Programming"

Organized by Dept of Mathematics (UG & PG)

Mugberia Gangadhar Mahavidyalaya

Bhupatinagar :: Purba Medinipur :: 721425

The list of certificates on "C" Programming



Certificate Course
on
C-Programming
from 05.03.2022 to 18.04.2022




Organized by

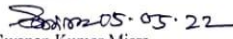
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MUGBERIA GANGADHAR MAHAVIDYALAYA
Bhupatinagar:: Purba Medinipur :: West Bengal ::721425

Certificate

This is to certify that Shri/Smt/Ms Biti Maikabhas successfully participated and completed 30 hours for the Certificate Course on C-Programming by the Department of Mathematics, Mugberia Gangadhar Mahavidyalaya on and from 05.03.2022 to 18.04.2022.

Date: 5th May 2022


Dr. Kalipada Maity
Course Coordinator
Mugberia Gangadhar Mahavidyalaya


Dr. Swapan Kumar Misra
Principal
Mugberia Gangadhar Mahavidyalaya



Certificate Course
on
C-Programming
from 05.03.2022 to 18.04.2022




Organized by


The Department of Mathematics,
MUGBERIA GANGADHAR MAHAVIDYALAYA
Bhupatinagar:: Purba Medinipur :: West Bengal ::721425

Certificate

This is to certify that Shri/Smt/Ms Dipak Paria has successfully participated and completed 30 hours for the Certificate Course on C-Programming by the Department of Mathematics, Mugberia Gangadhar Mahavidyalaya on and from 05.03.2022 to 18.04.2022.

Date: 5th May 2022


Dr. Kalpada Maity
Course Coordinator
Mugberia Gangadhar Mahavidyalaya


Dr. Swapan Kumar Misra
Principal
Mugberia Gangadhar Mahavidyalaya



Certificate Course
on
C-Programming
from 05.03.2022 to 18.04.2022




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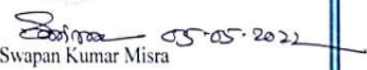
The Department of Mathematics,
MUGBERIA GANGADHAR MAHAVIDYALAYA
Bhupatinagar:: Purba Medinipur :: West Bengal ::721425

Certificate

This is to certify that Shri/Smt/Ms Manoj Maity.....has successfully participated and completed 30 hours for the Certificate Course on C-Programming by the Department of Mathematics, Mugberia Gangadhar Mahavidyalaya on and from 05.03.2022 to 18.04.2022.

Date: 5th May 2022


Dr. Kalipada Maity
Course Coordinator
Mugberia Gangadhar Mahavidyalaya


Dr. Swapan Kumar Misra
Principal
Mugberia Gangadhar Mahavidyalaya



Certificate Course
on
C-Programming
from 05.03.2022 to 18.04.2022




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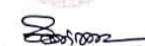
The Department of Mathematics,
MUGBERIA GANGADHAR MAHAVIDYALAYA
Bhupatinagar:: Purba Medinipur :: West Bengal :: 721425

Certificate

This is to certify that Shri/Smt/Ms Indrani Das has successfully participated and completed 30 hours for the Certificate Course on C-Programming by the Department of Mathematics, Mugberia Gangadhar Mahavidyalaya on and from 05.03.2022 to 18.04.2022.

Date: 5th May 2022


Dr. Kalipada Maity
Course Coordinator
Mugberia Gangadhar Mahavidyalaya


Dr. Swapan Kumar Misra
Principal
Mugberia Gangadhar Mahavidyalaya

Depa



Certificate Course
on
C-Programming
from 05.03.2022 to 18.04.2022



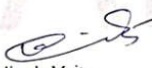
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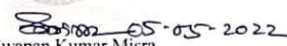
The Department of Mathematics,
MUGBERIA GANGADHAR MAHAVIDYALAYA
Bhupatinagar:: Purba Medinipur :: West Bengal :: 721425

Certificate

This is to certify that Shri/Smt/Ms B. Debraj Mondal has successfully participated and completed 30 hours for the Certificate Course on C-Programming by the Department of Mathematics, Mugberia Gangadhar Mahavidyalaya on and from 05.03.2022 to 18.04.2022.

Date: 5th May 2022


Dr. Kalipada Maity
Course Coordinator
Mugberia Gangadhar Mahavidyalaya


Dr. Swapan Kumar Misra
Principal
Mugberia Gangadhar Mahavidyalaya




15.05.2022
Principal
Mugberia Gangadhar Mahavidyalaya