P.

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.mugberiagangadharmahavidyalaya.ac.in

Reports

on

Certificate Course

On

"C Programming"

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

STATE STATE

Organized by

Department of Mathematics (UG & PG)

Mugberia Gangadhar Mahavidyalaya

ACCREDITED BY NAAC WITH GRADE B+ Affiliated

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 Subcommittee.

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

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.mugberiagangadharmahavidyalaya.ac.in

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.

Dr. Swapan Kumar Misra

Principal

Mugberia Gangadhar Mahavidyalaya

Principal
Mugberla Gangadhar Mahavidyelaya



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:

- 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 known 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 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)

Mugberia 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	Anwesha 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						

Certificate Course On"C Programming"

Organized by Dept of Mathematics (UG & PG)

Mugberia Gangadhar Mahavidyalaya

Bhupatinagar :: Purba Medinipur :: 721425

× 2			Attendance on A G	221	if	7	C	0	J	ع			20	2	C	A	2	r.	C	n	
1						K	E	J.	13	1	E	K							IOI		
		- 7	Attendance on A certificate	Mg.	T	Vie	0.19	100	N.	^				1	<u>JK</u>	19	40 50	Think the	TE.	the Child	1000
	Serial	Roll	NAME OF DUDIES	Sl. No. & dt. of Adm in the Adm. Reg.	10	1 10	211	П	N	1	12	13	AA	14	14	15					I
Se L	No.	No.	Course on e- Programming.	No. &	d	0	20	Q.	3	83	06	83	100	100	92	10	13 1	APP	A SENT	17	1
	_ <	fram	Course en e-frogramming. 05/03/2022 to 18/04/2022 Amiyendra Maiti	5. E	W	54	M	M	18	31	SM	SH	TH	SH	stt	The	3	31	8 1/2	6	3
7/15		1.	Amiyendra Maiti	17	18	19	20	21	22	23	•		•	•	•	*	*				2
		2.	Annesha Khatua	21		,	22	23	29	25	26	27	28	20	30		, 5		2 33		3
		4.	Atanu Maity	22			•			23		,	27	25	26		1 5	12	8 29	36	17
		5.	Ayan Pradhan	33	34	-	-	1000	34				40	41	+2	*	- 9	34	145	4)	0
	•	6.	Ayantika Berca	34			9		1	•		,	,								,
	-	7.	Bachaspati Mondal	24	25	26	27	28	29	30	31	32	33	39	35	36	379	#3	940	a	14
	-	9.	Bidisha Sasmal	23			24	25	26	27	18	2	٠		,	*	2	73	192	33	3
		10.	Grourangi Pal	28			29	30	31	32	33	39	•	•			1 29	5 31	637	25	34
		11.	Grourangi Pal Jostindranath Samanta	28	25	40	31	32	33	34	35	36	37	38	39	40	4)		33	42	-4
		16.	Povramita Maity	25			26	27	18	29	30	31	32	33	39	-	. 0	53	637	34	1
	•	18.	Rajkumari karan	24	0				,		3		*				١.	1	,		
		22.	Shubhajit Girci	31	33	34	35	36	37	38			39	40,	11	-				42	2
	Tine .	24.	Sonali Mandal	31		,	32	33	34	35	36	37				-	, 25	839	40	41	4
		26.	Soumitra Das	24	25	26	27	28	29	30			31	32	33	349	5 2	13	728	201	4
		27.	Soumyadeep Bej	25	26	12	28	29	20	31	32	33	31	25	46	37	389	94	0 41	42	4
		28.	Subhadip Mahapatra	34	35	,			,	,	,					-		1.	1.		1
		29.	Supposit Mandal	-	-	,		*	100	,				•	,					*	,
		32.	Subhaji't Mandal Sudeshna Maity	35			26	27	20	39	20	41			,	-	· /k	24	349		-
		330	Sudipta Mondal	18	19	20		,		,	21	22								13	78
		34.	Suman Das	09	,	,			ì				10			131			13	13	1
		36.	Surrajit Maity	27	98	24		,	1	6	28		21	2	2	140	52	62	38	,	
		41.	Somsankari Mandal	-		1		•	1				,	. ,	2	2.	1		- 20	,	1
		43.	Susmita Acharya	29		,			1		./	5	2	*	-1	2	72 2	21 1	- 61	12	
1		44.	Ranafit Mandal	09		,		,	1	2		24	4	>	5	7	6	2	on 7	מיו	-
3		45.	Megha Rani Sahoo	18	,					1									76		
	·	50.	Swati Maikap	-						,	,				1	-	, .	,		73	-
I		51.	Amit Patra	13		-		,	-		10	.6	110					400			-
	-	270	Amic lastra	10							17	10	120	, ,	10	1	4	-	20		-
			ALL COLORS OF THE COLORS OF TH			-		021							3	-	-	1			-
				173	-						7						2	4			3
-	9														1	1	Y			(8)	-
E					-				1	1	1	1			9	4	+				-
1							-				1	5	7	1							
	-	A COLUMN TO A COLU				90	3				/		1	~		-	+				-
					-		1	1	0	/		6	2			-	+				-
	-				-			(1		,	0		-		-	-				-
						-		/		~	7			-		+	-				
	-					3 %			1	×	1					+	+		-		
									-	2				4	2	561	60	n	2	2	V
1														4		+	-10	3	1		
I	T		No Present della							-						7		-		-	-
-	1		No. Present daily								M	gh	ria	Ga		ncip		hav	idya	av	
E RI	100	100	No. Absent daily			100						-									

ANCE	E OF P			lo. of	days		and the second s
		92929291	404		l.all	<u> </u>	REMARKS
20 24 22 23 a	10年20年	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Late Late	Oses B	Absen	64 PAR	
CH KSH Y	MMD MY N	My Z Th				The same of the sa	
27 28	10		31	32	33	34	
1 3938 3		40 41 42		_	46	47	
33343				37	38	39	
49 50 51525	3 . 54 252	6	57	58	59	60	
					10		
44 45 44 47 61		4950516	V 53	54	55	5%	
343739	6 3 40 4	1424344 A	5.	127	6/60	(0)	
41 42	10111		9 50	51	52	•	
4546 474860	1 508 5053	35455 5 4	Y 56	59	60	9	
41 42 4349 65	र रिक्ट	464748	7.		-1 -	550	
		;		19.4	-	81	
45 4647 48 44	7		50	51	52	53	
4445	1010 IA IA	3		N R	20	·	
	. 4242 4	1 1 1		1		*	
4546		5) 52 53 5	1 55	56	58	58	
- 3638	. 39 40 41		42		L	94	
				200			
454647484	1 . 951 52		53	54	55		
26 27 2829 3	.30 3132			100	,	•	
		-	٠,			h.	
39 40 41 42	1 2 3 .		- 43	44	45	46	
39 104140	3 /4 1		1.	77		,	
, ,			•				
- 11 PB	ha 135 -	16/7.			•		
30 31 3133 34		3940A1 A	K .	1.	1	2	
	1 20 1		•	-	•		
+ = 1 2 2	132425	28 11	2.6	27		13	
					MEN		
			11				
		7	4		F.		
		-/	J		THE .		
	Ko						
	19			1	1.2	V -	
				18/0	1/2		
	9	Segue	2				
		18 0		1			
		Principal	1	•	i di di s		
	Mugberia Ga	ngadhar Ma	havidya	laya			
				MAN,			

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



The Department of Mathematics,

MUGBERIA GANGADHAR MAHAVIDYALAYA

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



This is to certify that Shri/Smt/Ms Bittie Neakab 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









The Department of Mathematics,

MUGBERIA GANGADHAR MAHAVIDYALAYA

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



This is to certify that Shri/Smt/Ms Dibate Pasia 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







The Department of Mathematics,

MUGBERIA GANGADHAR MAHAVIDYALAYA

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

Certificate

Date: 5th May 2022

Dr. Kalipada Maity Course Coordinator Mugberia Gangadhar Mahavidyalaya Dr. Swapan Kumar Misra

Principal

Mugberia Gangadhar Mahavidyalaya





The Department of Mathematics,

MUGBERIA GANGADHAR MAHAVIDYALAYA

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



This is to certify that Shri/Smt/Ms ______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









Organized by

The Department of Mathematics,

MUGBERIA GANGADHAR MAHAVIDYALAYA

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



Date: 5th May 2022

Dr. Kalipada Maity Course Coordinator Mugberia Gangadhar Mahavidyalaya

Dr. Swapan Kumar Misra
Principal

Mugberia Gangadhar Mahavidyalaya

QOS



10.05.2022

Principal Mu**gheria Gan**gadhar **Mahavidyalaya**