

Report
on
Add-on Course on
C programming: Mathematical Computing
and Beyond

Conducted By:
Department of Mathematics

2022-2023



RAJA PEARY MOHAN COLLEGE

1, Acharya Dhruba Pal Road,

Uttarpara, Hooghly, West Bengal, Pin- 712 258.

Tel No.: (033)2663-0191, Mob: 7074292263

Website: <https://www.website.rpmcollege.edu.in/>, e-mail: rajapearymohancollege@gmail.com

ISO Certified

Ref.: _____

Date: _____

DECLARATION FROM THE PRINCIPAL

This is to certify that all the data provided in this document is true to the best of my knowledge.



A RAJA PEARY MOHAN COLLEGE INITIATIVE

C PROGRAMMING: MATHEMATICAL COMPUTING & BEYOND

ADD ON COURSE BY

DEPARTMENT OF MATHEMATICS

Session : 2022-23

Course Director : Dr. Sudip Kumar Chakrabarty

Course Coordinator : Dr. Soumen Banerjee

Course Duration : 36 Hours

Mode of Teaching : Blended Mode

JOIN IN OUR PROGRAM...

STAY AHEAD OF OTHERS

Course Objective: Concepts and knowledge of *C* is the backbone in the Software Programming. The objective of the course is to give a thorough training on various the concepts of *C* and provide an exposure to its applications in different Mathematical computations and real-life scenario.

Mode Of delivery & Timings: Lectures (Online, in the evening) & Hands on (in the Lab)

Eligibility: 10+2 (with Mathematics as a subject)

Syllabus (Outline):

1. Overview of Programming
2. Introduction to C
3. Data types, Variables, Constants
4. Operators, Expressions, Assignments
5. Control statements
6. Console Input/Output
7. Arrays
8. Functions
9. Pointers
10. Structures and Unions
11. The C Preprocessor
12. Header Files
13. Applications of C Programming in Mathematical Computing
14. Real world programming: Examples

Course fee: Rs. 250/-

Number of seats: 25

Contact for information and registration: courses.maths.rpmc@gmail.com

C Programming: Mathematical Computing and Beyond

ADD-ON COURSE 2023

Department of Mathematics

A Brief Report of The Course

Today time has come for our students not only excellent in academic degree, but also acquire inter-disciplinary skills. We want to create adequate opportunities for our students to acquire these skills within our campus by saving their time, money and energy. Realizing this urgency of enhancing the skill, Department of Mathematics of Raja Peary Mohan College organized an Add On course “ C Programming: Mathematical Computing and Beyond”. This course was offered to all Honours and General students of Mathematics. The course was of thirty six hours duration (from 27th March, 2023—6th June, 2023) and delivered in blended mode (theory lectures on online platform and hands on training in the departmental lab). During the course Assignments were given to the students and Lab Examination was conducted, also. After completion of the course certificates are distributed among successful candidates on 14th June 2023.



RAJA PEARY MOHAN COLLEGE

রাজা প্যারীমোহন কলেজ

1, ACHARYA DHRUBA PAL ROAD, UTTARPARA, HOOGHLY, WEST BENGAL, PIN - 712 258

Tel No. : 033-2663-0191 & 7074292263

E-mail : rajapearymohancollege@gmail.com Website : www.rpmcollege.edu.in

১, আচার্য্য ধ্রুব পাল রোড উত্তরপাড়া, হুগলী, পশ্চিমবঙ্গ, পিন - ৭১২২৫৮.

দূরভাষ : ০৩৩-২৬৬৩-০১৯১ & ৭০৭৪২৯২২৬৩

NAAC Accredited with B grade (2.7); ISO 9001 : 2015

Ref. No. /সূচক সংখ্যা _____

Date/তারিখ 14.01.22

Extract of the Proceedings of the meeting of the IQAC of Raja Peary Mohan College, Uttarpara, Hooghly, held on 03.01.2022 on the MS Teams portal

Resolved that the following Add on & Certificate Course will start from even semester 2021-2022.

New courses to be introduced

1. Certificate Course on Accounting Software and e-Filing of IT Return
2. Computer Foundation for Professional Advancement
3. Communicative and Interactive Business English (CIBE)
4. Library Resource Management
5. CERTIFICATE COURSE: C PROGRAMMING: MATHEMATICAL COMPUTING & BEYOND
6. Essential laboratory skills for undergraduate Physiology students
7. Ten Day's (30 hrs) Spoken Sanskrit Course
8. Beauty Care and Artistry Makeup
9. Add on Course on "Women in different Paradigm"
10. Certificate Course on Teachers training course
11. Add on course on Content Writing

Sanjuki Bhattacharya

Coordinator, IQAC
Raja Peary Mohan College
Uttarpara, Hooghly
Coordinator,

Internal Quality Assurance Cell
Raja Peary Mohan College
Uttarpara, Hooghly

প্রিন্সিপাল

Principal
Raja Peary Mohan College
Uttarpara, Hooghly

PRINCIPAL
Raja Peary Mohan College
Uttarpara, Hooghly



RAJA PEARY MOHAN COLLEGE

রাজা প্যারীমোহন কলেজ

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Tel No. : 033-2663-0881/2663-0191, Fax No. : 033-2663-4155

E-mail : raja-peary-mohan-college@gmail.com Website : www.rpmcollege.org.in

১, আচার্য্য ধ্রুব পাল রোড উত্তরপাড়া, হুগলী, পশ্চিমবঙ্গ, পিন - ৭১২২৫৮,

দূরভাষ : ০৩৩-২৬৬৩-০৮৮১/২৬৬৩-০১৯১, ফ্যাক্স : ০৩৩-২৬৬৩-৪১৫৫

Ref. No. /সূচক সংখ্যা _____

Date /তারিখ 02.03.23

NOTICE

It is hereby notified for all concerned that the Add on Course conducted by Department of Mathematics on “C Programming: Mathematical Computing & Beyond” will commence from 27th March, 2023. Interested students may enroll their name to the course coordinator.

Soumen Banerjee
Course Coordinator

প্রিন্সিপাল
Principal

PRINCIPAL
Raja Peary Mohan College
Uttarpara, Hooghly



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Ref. No./সূচক সংখ্যা _____

Date/তারিখ 10.03.2023

NOTICE

It is hereby notified for all concerned that the classes of the Add on Course conducted by Department of Mathematics on “**C Programming: Mathematical Computing & Beyond**” will commence from 27th March, 2023.

Sakmen Banerjee
Course Coordinator

প্রিন্সিপাল
Principal

PRINCIPAL
Raja Peary Mohan College
Uttarpara, Hooghly

C Programming: Mathematical Computing & Beyond
ADD ON COURSE 2023
Department of Mathematics
Registration of the Course

Student Id	Name	Signature
B.Sc/22/0143	SUSMITA ROY	Susmita Roy
B.Sc/22/0203	SURIYA KHATUN	Suriya Khatun
B.Sc/22/0196	POULAMI DEY	Poulami Dey
B.Sc/22/0206	AMRITA BAGI	Amrita Bag
B.Sc/22/0231	SUBARNA MANDAL	Subarna Mandal.
B.Sc/22/0154	SAMPRIKTA GHOSH	Sambrikta Ghosh
B.Sc/22/0198	AYUSH THAKUR	Ayush Thakur
B.Sc/20/0067	SHUBHANKAR DALVI	Shubhankar Dalvi
B.Sc/21/0158	RAHUL PAL	Rahul Pal
B.Sc/21/0098	TRISHITA DAS	Trishita Das
B.Sc/21/0253	Purba Bhoomick	Purba Bhoomick
B.Sc/21/0199	Priyanka Chakraborty	Priyanka Chakraborty.
B.Sc/21/0295	DEBASHIS DAS	Debashis Das
B.Sc/21/0118	SAMYARUP DUTTA	Samyarup Dutta.
B.Sc/21/0278	RITU RANJAN CHAKRABARTY	Ritu Ranjan Chakraborty
B.Sc/22/0181	Bipin Saroj	Bipin Saroj

Soumen Banerjee
[COURSE COORDINATOR]

[PRINCIPAL]

PRINCIPAL
Raja Peary Mohan College
Uttarpara, Hooghly

C Programming: Mathematical Computing & Beyond
ADD ON COURSE 2023
Department of Mathematics
Attendance Sheet
Class Duration - 1 Hour

Student Id	Name	Date 27.03 S.R.	Date 31.03 P.M.	Date 01.04 P.M.	Date 01.04 P.M.	Date 03.04 S.R.	Date 07.04 T.C.
BSc/22/0143	SUSMITA ROY	P	P	P	P	P	P
BSc/22/0203	SURIYA KHATUN	P	P	P	P	P	P
BSc/22/0154	SAMPRIKTA GHOSH	.	P	P	P	P	P
BSc/22/0198	AYUSH THAKUR	P	.	.	P	P	P
BSc/20/0067	SHUBHANKAR DALUI	P	P	P	.	P	P
BSc/21/0158	RAHUL PAL	P	P	P	P	P	.
BSc/21/0098	TRISHITA DAS	P	P	P	P	P	P
BSc/21/0253	PURBA BHOWMICK	P	P	P	P	.	P
BSc/21/0199	PRIYANKA CHAKRABORTY	.	P	P	P	P	P
BSc/21/0278	RITU RANJAN CHAKRABARTY	P	P	.	P	P	P
BSc/22/0181	BIPIN SAROJ	P	P	.	.	P	P
BSc/22/0196	POULAMI DEY	P	P	P	P	P	.

Soumen Banerjee

[Course Coordinator]

[Signature]

[Principal]

PRINCIPAL
Raja Peary Mohan College
Uttarpara, Hooghly

C Programming: Mathematical Computing & Beyond
ADD ON COURSE 2023
Department of Mathematics
Attendance Sheet
Class Duration - 1 Hour

Student Id	Name	Date 12.04 T.C.	Date 13.04 S.B.	Date 18.04 S.B.	Date 20.04 T.C.	Date 25.04 P.M.	Date 27.04 P.M.
BSc/22/0143	SUSMITA ROY	P	.	P	P	P	P
BSc/22/0203	SURIYA KHATUN	P	P	P	.	P	P
BSc/22/0154	SAMPRIKTA GHOSH	.	P	P	P	P	P
BSc/22/0198	AYUSH THAKUR	P	P	P	P	.	P
BSc/20/0067	SHUBHANKAR DALUI	P	P	P	P	P	P
BSc/21/0158	RAHUL PAL	P	P	.	P	P	P
BSc/21/0098	TRISHITA DAS	P	P	P	P	P	.
BSc/21/0253	PURBA BHLOWMICK	.	P	P	P	P	P
BSc/21/0199	PRIYANKA CHAKRABORTY	P	.	P	P	P	P
BSc/21/0278	RITU RANJAN CHAKRABARTY	P	.	P	.	P	P
BSc/22/0181	BIPIN SAROJ	P	P	.	P	P	P
BSc/22/0196	POULAMI DEY	P	P	P	P	P	.

Soumen Banerjee
[Course Coordinator]

[Signature]
[Principal]

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Uttarpara, Hooghly

C Programming: Mathematical Computing & Beyond
ADD ON COURSE 2023
Department of Mathematics
Attendance Sheet
Class Duration - 1 Hour

Student Id	Name	Date 29.04 T.C.	Date 29.04 T.C.	Date 02.05 S.B.	Date 04.05 S.B.	Date 06.05 S.B.	Date 06.05 S.B.
BSc/22/0143	SUSMITA ROY	P	P	.	P	P	P
BSc/22/0203	SURIYA KHATUN	P	.	P	P	P	P
BSc/22/0154	SAMPRIKTA GHOSH	.	P	.	P	P	P
BSc/22/0198	AYUSH THAKUR	P	.	P	P	.	P
BSc/20/0067	SHUBHANKAR DALUI	P	P	P	.	P	P
BSc/21/0158	RAHUL PAL	P	P	P	P	P	.
BSc/21/0098	TRISHITA DAS	.	P	P	P	P	P
BSc/21/0253	PURBA BHOWMICK	P	P	P	.	P	P
BSc/21/0199	PRIYANKA CHAKRABORTY	P	P	P	P	P	.
BSc/21/0278	RITU RANJAN CHAKRABARTY	P	P	P	P	.	P
BSc/22/0181	BIPIN SAROJ	.	P	P	P	P	P
BSc/22/0196	POULAMI DEY	P	P	P	P	P	P

Soumen Banerjee
 [Course Coordinator]

[Signature]
 [Principal]

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C Programming: Mathematical Computing & Beyond
ADD ON COURSE 2023
Department of Mathematics
Attendance Sheet
Class Duration - 1 Hour

Student Id	Name	Date	Date	Date	Date	Date	Date
		10.05 S.R.	10.05 S.R.	12.05 T.C.	16.05 S.R.	17.05 S.R.	17.05 S.R.
BSc/22/0143	SUSMITA ROY	P	P	P	P	P	P
BSc/22/0203	SURIYA KHATUN	.	P	P	P	P	P
BSc/22/0154	SAMPRIKTA GHOSH	P	.	P	P	P	P
BSc/22/0198	AYUSH THAKUR	P	P	.	P	P	P
BSc/20/0067	SHUBHANKAR DALUI	P	P	P	.	P	P
BSc/21/0158	RAHUL PAL	P	P	P	P	P	.
BSc/21/0098	TRISHITA DAS	P	P	P	P	P	P
BSc/21/0253	PURBA BHOWMICK	P	P	P	P	.	P
BSc/21/0199	PRIYANKA CHAKRABORTY	P	P	P	P	.	P
BSc/21/0278	RITU RANJAN CHAKRABARTY	P	P	P	P	.	P
BSc/22/0181	BIPIN SAROJ	.	P	P	P	P	P
BSc/22/0196	POULAMI DEY	P	P	P	P	P	P

Soumen Banerjee
[Course Coordinator]

[Signature]
[Principal]

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Uttarpara, Hooghly

C Programming: Mathematical Computing & Beyond
ADD ON COURSE 2023
Department of Mathematics
Attendance Sheet
Class Duration - 1 Hour

Student Id	Name	Date 19.05 T.C.	Date 19.05 T.C.	Date 20.05 D.M.	Date 22.05 D.M.	Date 27.05 D.M.	Date 31.05 S.P.
BSc/22/0143	SUSMITA ROY	.	P	P	P	P	P
BSc/22/0203	SURIYA KHATUN	P	P	P	P	P	P
BSc/22/0154	SAMPRIKTA GHOSH	P	.	P	P	P	P
BSc/22/0198	AYUSH THAKUR	P	P	P	P	P	.
BSc/20/0067	SHUBHANKAR DALUI	P	P	P	P	.	P
BSc/21/0158	RAHUL PAL	P	P	P	.	P	P
BSc/21/0098	TRISHITA DAS	P	P	.	P	P	P
BSc/21/0253	PURBA BHOWMICK	P	P	.	P	P	P
BSc/21/0199	PRIYANKA CHAKRABORTY	.	P	P	P	P	P
BSc/21/0278	RITU RANJAN CHAKRABARTY	P	.	P	P	P	P
BSc/22/0181	BIPIN SAROJ	P	P	P	P	P	.
BSc/22/0196	POULAMI DEY	P	P	P	P	.	P

Soumen Bamsaje
[Course Coordinator]

[Signature]
[Principal]

PRINCIPAL
Raja Peary Mohan College
Uttarpara, Hooghly

C Programming: Mathematical Computing & Beyond
ADD ON COURSE 2023
Department of Mathematics
Attendance Sheet
Class Duration - 1 Hour

Student Id	Name	Date	Date	Date	Date	Date	Date
		21.05.20	01.06.20	03.06.20	03.06.20	06.06.20	06.06.20
BSc/22/0143	SUSMITA ROY	,	P	P	P	P	P
BSc/22/0203	SURIYA KHATUN	P	,	P	P	P	P
BSc/22/0154	SAMPRIKTA GHOSH	P	P	P	,	P	P
BSc/22/0198	AYUSH THAKUR	P	P	P	P	P	P
BSc/20/0067	SHUBHANKAR DALUI	,	P	P	P	P	P
BSc/21/0158	RAHUL PAL	P	P	P	,	P	P
BSc/21/0098	TRISHITA DAS	P	P	P	P	P	P
BSc/21/0253	PURBA BHOWMICK	P	P	,	P	P	P
BSc/21/0199	PRIYANKA CHAKRABORTY	P	P	,	P	P	P
BSc/21/0278	RITU RANJAN CHAKRABARTY	P	,	P	P	P	P
BSc/22/0181	BIPIN SAROJ	,	P	P	,	P	P
BSc/22/0196	POULAMI DEY	P	P	P	P	P	P

Suman Bamsja
[Course Coordinator]

[Signature]
[Principal]

PRINCIPAL
Raja Peary Mohan College
Uttarpara, Hooghly

C Programming: Mathematical Computing and Beyond
ADD ON COURSE 2023
Department of Mathematics

Distribution of Certificates

S.N.	Student Id	Name	Signature
1.	BSc/22/0143	SUSMITA ROY	Susmita Roy
2.	BSc/22/0203	SURIYA KHATUN	Suriya Khatun
3.	BSc/22/0154	SAMPRIKTA GHOSH	Samprikta Ghosh
4.	BSc/22/0198	AYUSH THAKUR	Ayush Thakur
5.	BSc/20/0067	SHUBHANKAR DALUI	Shubhankar Dalui
6.	BSc/21/0158	RAHUL PAL	Rahul Pal
7.	BSc/21/0098	TRISHITA DAS	Trishita Das
8.	BSc/21/0253	PURBA BHOWMICK	Purba Bhowmick
9.	BSc/21/0199	PRIYANKA CHAKRABORTY	Priyanka Chakraborty
10.	BSc/21/0278	RITU RANJAN CHAKRABARTY	Ritu Ranjan Chakraborty
11.	BSc/22/0181	BIPIN SAROJ	Bipin Saroj
12.	BSc/22/0196	POULAMI DEY	Paulami Dey

Soumen Banerjee
[COURSE COORDINATOR]

[PRINCIPAL]

PRINCIPAL
Raja Peary Mohan College
Uttarpara, Hooghly

RAJA PEARY MOHAN COLLEGE
Uttarpara :: Hooghly
Department of Mathematics



Certificate of Appreciation

This is to Certify that

TRISHITA DAS

of Raja Peary Mohan College

has successfully completed Addon Course on

C PROGRAMMING : MATHEMATICAL COMPUTING & BEYOND

with a score of

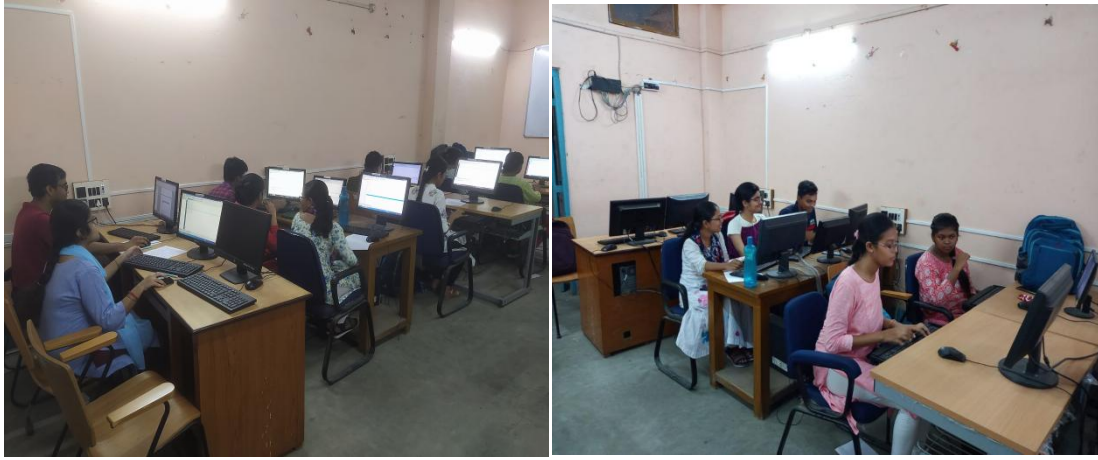
90 (out of 100)

Soumen Banerjee
Course Coordinator

Principal
Principal
Raja Peary Mohan College

Date : 14.06.23

SOME PICTURES OF THE COURSE



Lab Classes



Distribution of Certificates

C Programming: Mathematical Computing and Beyond ADD ON COURSE 2023

Department of Mathematics

LECTURE AND LAB SCHEDULE

TOPIC	SPEAKER/TRAINER	NO. OF LECTURES/ HANDS ON SESSION (IN HOURS)
Overview of Programming&Introduction to C	S Roy	01
Data types, Variables, Constants, and formatting	D Mandal	01
Operators, Expressions, Assignments	S Roy	01
Lab Session	D Mandal	02
Control statements	T Choudhury	02
Lab Session	T Choudhury	02
Console Input/Output	S Banerjee	02
Lab Session	S Banerjee	02
Arrays	T Choudhury	01
Lab Session	T Choudhury	02
Functions	D Mandal	02
Lab Session	D Mondal	02
Pointers	S Banerjee	01
Pointers	S Roy	01
Lab Session	S Roy	02
Lab Session	S Banerjee	02
Structures and Unions	D Mondal	01
Structures and Unions	S Banerjee	01
Lab Session	S Roy	02
File Handling in C	S Banerjee	01
The C Preprocessor	T Choudhury	01
Lab Session	S Banerjee	02
Applications of C Programming in Mathematical Computing	S Roy	01
Lab Session	S Banerjee	01