PRASANTA CHANDRA MAHALANOBIS MAHAVIDYALAYA

111/3 B.T.ROAD, KOLKATA-700108
(Affiliated to WBSU)

Value Added Programme

On

"Information Technology & R Software"

By

Department of Computer Science

In Collaboration with

NTERNAL QUALITY ASSURANCE CELL

>>>>>>>>>>

Prasanta Chandra Mahalanobis Mahavidyalaya

(Accredited by NAAC)

111/3, B.T. Road(Bon-Hooghly), Kolkata–70018
Phone :8697169513
Email:pcmm.principal@gmail.com
Website:www.pcmm.edu.in

ADD ON/ CERTIFICATE COURSE-ON Information Technology & R Software (2021-22)

COURSE DETAILS

Title of the Course: "Information Technology & R Software"

Course duration: 30 Hours
Contact Hours : 1 hour daily (30 hours total)
Mode : Online
Number of students enrolled: 97
No. of students who completed the course: 97
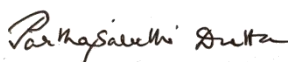**Course Coordinator: Suparna Dey, Deepmala Chakrobarty**
Course Fee:NIL
Starting Date: 02/05/2022

Objectives of this course

Value added Add on course is very helpful and play a vibrant role. This type of course is essential for young learners in colleges.The main objectives of IT are to: Improve efficiency and productivity by automating tasks and processes. Enhance the accuracy and reliability of data processing and information management. Enable better decision-making by providing access to accurate and timely information. R is used for statistical analysis and better computing abilities. The language is sued for cleaning, analyzing, and visually representing the data. The scope of R is in almost every industry such as e-comerce, retails, entertainment, finance, etc.This course is helpful for the students. Students must acquire something more than what is provided in the curriculum.So, offering this course among students will be helpful to supplement the curriculum.

Department of Computer Science of Prasanta Chandra Mahalanobish Mahavidyalaya offered a course **"Information Technology & R Software"** in this academic session 2021-22 in association with IQAC.A syllabus with time frame for the course was structured with the consultation of faculty members of different colleges and with our college,Principal and IQAC Coordinator.The course was approved by GB members in the meeting and also by the West Bengal state University. This course started from 2nd May, 2022. From this date every day one of our departmental teacher as per schedule take one hour class up to completion of 30 hours class. The classes were taken in online mode. 97 students were registered and regularly attended the classes. This value-added course stricted for 4th semester candidates. After completion of the course students got a certificate. 97 students completed the course and they got the certificate.

Teacher-in-Charge
Prasanta Chandra Mahalanobis
Mahavidyalaya
111/3, B. T. Road, Kol-1

Prasanta Chandra Mahalanobis Mahavidyalaya

[Formerly known as Bon-Hooghly College of Commerce]

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ACCREDITED BY NAAC

INFORMATION BROCHURE

Sl. No.	TIME DURATION	COURSE DETAILS
1	1 HOUR	**Introductory Session**
2	1 HOUR	**Objectives of Information Technology**
3	1 HOUR	**Overview of R Datatypes**
4	2 HOURS	**Subnetting**
5	2 HOURS	**Vectorized Operations**
6	2 HOURS	**Control Structures**
7	2 HOURS	**Functions**
8	2 HOURS	**Lapply,tapply**
9	2 HOURS	**Split, mapply,apply**
10	2 HOURS	Coding Structures
11	2 HOURS	**Scoping Rules**
12	2 HOURS	**Debugging Tools**
13	2 HOURS	**Simulation**
14	2 HOURS	R Pofiler
15	2 HOURS	**Practical**
16	1 HOUR	THEORY EXAMINATION
17	1 HOUR	PRACTICAL EXAMINATION
18	1 Hour	CERTIFICATE DISTRIBUTION
TOTAL	30 HOURS	

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