

PANDIT RAGHUNATH MURMU SMRITI MAHAVIDYALAYA

(AFFILIATED TO BANKURA UNIVERSITY)



Report on

Certificate Course on Python Programming

DEPARTMENT OF COMPUTER SCIENCE
PANDIT RAGHUNATH MURMU SMRITI MAHAVIDYALAYA

SESSION-(2022-23)

Submitted By

DEPARTMENT OF COMPUTER SCIENCE

Monoprikan 2

Department of Computer Science
P.R.M.S. Mahavidyalaya
P. More, Jambani, Bankura

[Signature]

IQAC CO-ORDINATOR
PRMS MAHAVIDYALAYA



[Signature]

PRINCIPAL
PRMS MAHAVIDYALAYA
BARAGARI, JAMBANI, BANKURA



P. R. M. S. MAHAVIDYALAYA.

Baragari (P. More) :: P.O. : Jamboni :: Dist. : Bankura - 722150.

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Ref No:

Date:26.09.2022

NOTICE

It is hereby informed to all the students of the PRMS Mahavidyalaya that Add on course on "Python Programming" will be started in the Department of Computer Science, PRMS Mahavidyalaya, Baragari from 11th of Oct,2022 onwards. Interested students are therefore requested to submit their name and details to the HoD on or before 29th of Sept 2022.

Eligibility Criteria

1. The candidate should have passed the 12th standard from recognized board or institute.
2. Enrollment in PRMS MAHAVIDYALA under BANKURA UNIVERSITY.
3. Basic Computer Knowledge.

M. K. S. D.
26.9.22
Course Coordinator

R. M. S.
26/09/2022
Principal

PRMS MAHAVIDYALAY

Principal

P.R.M.S. Mahavidyalaya

Baragari, P.O.- Jamboni,

Dist.- Bankura



SYLLABUS FOR THE ADD ON COURSE IN PYTHON PROGRAMMING

Day	Theory	Practical	Duration
1	Introduction to Python Programming	Setup of Python IDE	3hours
2	Variables and Data Types, Python Identifiers, Keywords, Reading Input, Output Formatting	Programming practical	3hours
3	Operators & Decision Making in Python	Programming practical	3hours
4	Loops & Numbers in Python	Programming practical	3hours
5	Lists,Tuples,Dictionary in Python	Programming practical	3hours
6	Functions,modules,File I/o,Exceptions	Programming practical	3hours
7	Classes and Objects in Python	What is class in Python with example program	3hours
8	Regular Expression	Example program	3hours
9	GUI Programming	PyQt5. Tkinter	3hours
10	Data Science & Python	NumPy. SciPy.	3hours
11	Data Science & Python	TensorFlow. Pandas.	3hours



H. Kund
26.9.22
Department of Computer Science
P. O. Box 261, N. T. Dyalava

About The Certification Course

From Oct11–Oct21, 2022, at PRMS Mahavidyalaya, Baragari, Bankura, West Bengal, the "Certificate Course on Python Programming" was successfully held. Among the resource person of the certificate course are Mr. Tapas Sangiri and Mr. Monojit Kundu. The program commenced with the PRMS Mahavidyalaya principal lighting a lamp. The head of the Computer Science Department, Mr. Monojit Kundu, gave a welcome speech after that. Mr. Tapas sangiri then led a vote of appreciation to end the first portion of the inauguration ceremony. The certificate course started with a combination of knowledge from diversified fields of Python programming & Data science. The certificates distributed to participants from PRMS Mahavidyalaya after successful completion of the course.

Participant's Profile: A total of 30 students from different Department, were participated.

Feedback: We received good response from the students and also they gave very good feedback. All the lectures were very interactive and the facilitator answered many queries raised by the participants. All students expressed their gratitude to staff of department of Computer Science for Organizing Certificate Course on computer Skills.

Title: Certificate Course on Python Programming

Since 2022-2023, PRMS Mahavidyalaya is offering this specialized training program which is certified by the College itself.

Course Duration:31 Hours

Objectives:

The objectives of this course are as follows:

- (1) Python is a high-level, general-purpose and a very popular programming language. Python programming language is being used in web development, Machine Learning applications, along with all cutting-edge technology in software industry.
- (2) To visualize the scientific equations and their plots so that the student can understand their abstract learning.
- (3) To motivate the students towards research/project/dissertations/R and D etc& learning programming language among the student coming from non-CS-IT background.
- (4) To encourage students to take part in different congress/conference/workshop/ seminar/Symposium etc.

Curriculum for this Add-on Course

DATE	CONTENT	DURATION
11.10.22	<i>Introduction to Python Programming</i>	2.00 P.M. TO 3.00 P.M.
	<i>Setup of Python Programming</i>	3.20 P.M. TO 5.20 P.M.
12.10.22	<i>Variables and Data Types, Python Identifiers, Keywords, Reading Input, Output Formatting</i>	2.00 P.M. TO 5.20 P.M.
13.10.22	<i>Operators & Decision Making in Python</i>	2.00 P.M. TO 5.20 P.M.
14.10.22	<i>Loops & Numbers in Python</i>	2.00 P.M. TO 5.20 P.M.
15.10.22	<i>Lists, Tuples, Dictionary in Python</i>	2.00 P.M. TO 5.20 P.M.
16.10.22	<i>Functions, modules, File I/o, Exceptions</i>	2.00 P.M. TO 5.20 P.M.
17.10.22	<i>Classes and Objects in Python</i>	2.00 P.M. TO 5.20 P.M.
18.10.22	<i>Regular Expression</i>	2.00 P.M. TO 5.20 P.M.
19.10.22	<i>GUI Programming</i>	2.00 P.M. TO 5.20 P.M.
20.10.22	<i>Data Science & Python</i>	3.00 P.M. TO 5.20 P.M.
21.10.22	<i>Data Science & Python</i>	2.40 P.M. TO 4.00 P.M.

Assessment / Examination

1. Step 1 – Practical Examination
2. Step 2 – Viva-voce conducted by the college

Name of participants

1	22141103021	TANIYA SINGHA MAHAPATRA	8972834830	mp5668352@gmail.com
2	22141103024	TANUSREE DAS	7029102384	tdas15437@gmail.com
3	22141103029	BRISTI SINGHA BABU	8617314342	bristisinghababu23@gmail.com
4	22141103030	BRISTI DUTTA	9474893785	bristidutta200@gmail.com
5	22141103031	TRIPTI CHOWDHURY	7362917507	chowdhurytripti61@gmail.com
6	22141103032	SWITY NAYAK	9064745763	switynayak2004@gmail.com
7	22141103004	RIYA SHYAM	9339120885	shyamriya773@gmail.com
8	22141103006	ANKITA PAIN	9832259224	ankitapain48@gmail.com
9	22141103014	BRISHTI KUNDU	7602669563	brishtikundu674@gmail.com
10	22141103018	MOUSUMI PATRA	9082984867	surajitisar2017@gmail.com
11	22141103019	TRISHA MAHANTI	9832824168	trishamahanti79@gmail.com
12	20141201341	PINTU DULEY	8972834830	mp5668352@gmail.com
13	20141201382	JAYANTA DHIBAR	7029102384	jdhibar15437@gmail.com
14	22141103029	BRISTI SINGHA BABU	8617314342	bristisinghababu23@gmail.com
15	22141103030	PUJA BANERJEE	9474893785	bristidutta200@gmail.com
16	20141201223	APARNA PATRA	7362917507	chowdhurytripti61@gmail.com
17	20141201708	RIMPAMISHRA	9064745763	switynayak2004@gmail.com
18	20143121005	MRITYUNJOY SANGIRI	9933969220	<u>msangiri2001@gmail.com</u>
19	21143121001	AHASANUL HOQUE	8974156223	hoqueahasanul88@gmail.com
20	21143121002	MOUSUMI PAL	9658231244	mousumipal266@gmail.com
21	21143135002	SAIKAT BASU	7345698512	saikat1132002@gmail.com

22	21143135003	SUBRATA DAS	8945623102	subratadas4082@gmail.com
23	21143135004	SOMNATH SAR	7894561235	sarsomnath66@gmail.com
24	20143121005	MRITYUNJOY SANGIRI	9745612300	<u>msangiri2001@gmail.com</u>
25	19143135007	SUDIPTA MONDAL	8972185314	mondal.sudipta.bankura2002@gmail.com
26	19143135010	SAMRAT SATPATI	9635416879	samratsatpati2001@gmail.com
27	20143115005	RITWIK ACHARYA	9876213014	acharyaritwik2018@gmail.com
28	20143115006	SURAJIT PAL	89745612345	psurajit428@gmail.com
29	21143221001	KOUSHIK KARMAKAR	7895612345	kouahikkarmakar@gmail.com
30	21143221002	TAPASHI CHAND	8561231789	tapashichand@gmail.com

Certification/ Award

The students will be given certificates/Awards from PRMS Mahavidyalaya after successful completion of the course.

Outcomes from the Course: After successful completion of the workshop participants learned: 1. Computer Skills using python.2.Demonstrating the basic mechanics of data science .3.performing GUI programming using Python.4 Learned to represent presentation themes

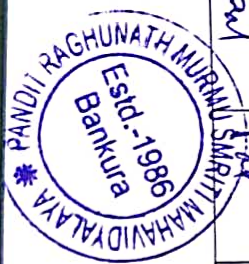


Concluding Remarks: We would like to express our sincere gratitude to our principal Dr. Neelangshu Ghosh, whose guidance has contributed to the successful execution of Certification Course. We would like to acknowledge our obligation to Rajib Kar ,Department of Economics for their enormous cooperation in the organisation of this certification Course.

Certificate Course on Python Programming

Attendance sheet

Sl.No	Name	11/10/22	12/10/22	13/10/22	14/10/22	15/10/22	16/10/22	17/10/22	18/10/22	19/10/22	20/10/22
1	Trishna Makarhi	(T) makarhi	(T) makarhi	(T) makarhi	(T) makarhi	(T) makarhi	(T) makarhi	(T) makarhi	(T) makarhi	(T) makarhi	(T) makarhi
2	Tanvi singh Panwar	T.S.Panwar K.S.Panwar	T.S. Panwar	T.S. Panwar	T.S. Panwar	T.S. Panwar	T.S. Panwar	T.S. Panwar	T.S. Panwar	T.S. Panwar	T.S. Panwar
3	Tanushree Das	T Das	T Das	T Das	T Das	T Das	T Das	T Das	T Das	T Das	T Das
4	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha	Diksha
5	Riya Banerjee	P. Banerjee	P. Banerjee	P. Banerjee	P. Banerjee	P. Banerjee	P. Banerjee	P. Banerjee	P. Banerjee	P. Banerjee	P. Banerjee
6	Aparna Datta	P. Datta	P. Datta	P. Datta	P. Datta	P. Datta	P. Datta	P. Datta	P. Datta	P. Datta	P. Datta
7	Rimpa Rishan	Rishan	Rishan	Rishan	Rishan	Rishan	Rishan	Rishan	Rishan	Rishan	Rishan
8	Naitin Sengupta	Mangin Sengupta	M. Sengupta	M. Sengupta	M. Sengupta	M. Sengupta	M. Sengupta	M. Sengupta	M. Sengupta	M. Sengupta	M. Sengupta
9	Ahsanul Haque	A.Haque	A.Haque	A.Haque	A.Haque	A.Haque	A.Haque	A.Haque	A.Haque	A.Haque	A.Haque
10	Mousumi Pal	M Pal	M Pal	M Pal	M Pal	M Pal	M Pal	M Pal	M Pal	M Pal	M Pal



Manojit Kundu
21.10.22
Department of Computer Science
P.R.M.S. Mahavidyalaya
P.O. - Jorabani, Bankura

Certificate Course on Python Programming

Attendance Sheet

Sl.No	Name	11/10/22	12/10/22	13/10/22	14/10/22	15/10/22	16/10/22	17/10/22	18/10/22	19/10/22	20/10/22
11	Tanisha Singh maharajm	T.S.M Patma	T.S.M. Patma	T.S.M Patma	T.S.M Patma	T.S.M. Patma	T.S.M. Patma	T.S.M. Patma	T.S.M Patma	T.S.M Patma	T.S.M Patma
12	Tanvisha Dag	T. Dag	T Dag	T Dag	T Dag	T Dag	T Dag	T Dag	T Dag	T Dag	T Dag
13	Bristle Singha babu	B.Singha B.Singha	B.Singha B.Singha	B.Singha B.Singha	B.Singha B.Singha	B.Singha B.Singha	B.Singha B.Singha	B.Singha B.Singha	B.Singha B.Singha	B.Singha B.Singha	B.Singha B.Singha
14	Bristle Dag	B.Dag	B.Dag	B.Dag	B.Dag	B.Dag	B.Dag	B.Dag	B.Dag	B.Dag	B.Dag
15	Tanisha Singha babu	T.S.M Patma	T.S.M. Patma	T.S.M Patma	T.S.M Patma	T.S.M. Patma	T.S.M. Patma	T.S.M. Patma	T.S.M Patma	T.S.M Patma	T.S.M Patma
16	Scott Noyak	S.Noyak	S.Noyak	S.Noyak	S.Noyak	S.Noyak	S.Noyak	S.Noyak	S.Noyak	S.Noyak	S.Noyak
17	Piyush Singha	Piyush Singha	Piyush Singha	Piyush Singha	Piyush Singha	Piyush Singha	Piyush Singha	Piyush Singha	Piyush Singha	Piyush Singha	Piyush Singha
18	Anisha Pat	A.Pat	A.Pat	A.Pat	A.Pat	A.Pat	A.Pat	A.Pat	A.Pat	A.Pat	A.Pat
19	Bi Shi Kundu	B.Kundu	B.Kundu	B.Kundu	B.Kundu	B.Kundu	B.Kundu	B.Kundu	B.Kundu	B.Kundu	B.Kundu
20	Patma	Patma	Patma	Patma	Patma	Patma	Patma	Patma	Patma	Patma	Patma



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21.10.22

Certificate Course on Python I programming

Attendance Sheet

Sl.No	Name	11/10/22	12/10/22	13/10/22	14/10/22	15/10/22	16/10/22	17/10/22	18/10/22	19/10/22	20/10/22
21	Sai kash Bose	S Bose	S Bose	S Bose	S Bose	S Bose	S Bose	S Bose	S Bose	S Bose	S Bose
22	Sobrata Das	S Das	S Das	S Das	S Das	S Das	S Das	S Das	S Das	S Das	S Das
23	Somnath San	S San	S San	S San	S San	S San	S San	S San	S San	S San	S San
24	Meriyatoy Sangir	M. Sangir	M. Sangir	M. Sangir	M. Sangir	M. Sangir	M. Sangir	M. Sangir	M. Sangir	M. Sangir	M. Sangir
25	Sudipta Mandal	S Mandal	S Mandal	S Mandal	S Mandal	S Mandal	S Mandal	S Mandal	S Mandal	S Mandal	S Mandal
26	Somnath Bapat	S Bapat	S Bapat	S Bapat	S Bapat	S Bapat	S Bapat	S Bapat	S Bapat	S Bapat	S Bapat
27	Rishir Achary	R Achary	R Achary	R Achary	R Achary	R Achary	R Achary	R Achary	R Achary	R Achary	R Achary
28	Surya Pal	S. Pal	S. Pal	S. Pal	S. Pal	S. Pal	S. Pal	S. Pal	S. Pal	S. Pal	S. Pal
29	Koushik Karmakar	K Karmakar	K Karmakar	K Karmakar	K Karmakar	K Karmakar	K Karmakar	K Karmakar	K Karmakar	K Karmakar	K Karmakar
30	TOPASI Chand	T Chand	T Chand	T Chand	T Chand	T Chand	T Chand	T Chand	T Chand	T Chand	T Chand



Monojit Kundu

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Ref no.

Date:21.10.22

NOTICE

It is hereby informed to all the students who have taken the Add on course on “Python Programming” that the final Practical Examination and Viva-voce of the course will be held on 4th Nov 2022 from 11 :30 pm to 1:30 pm

04/11/2022	Python Programming: Practical 30 marks + 10 marks Viva-voce	11:30 – 1:30
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M. K. S. 2
21.10.22
Course Coordinator


Principal



PRMS MAHAVIDYALAY
Principal
P.R.M.S. Mahavidyalaya
Baragari, P.O. - Jamboni,
Dist.- Bankura



PANDIT RAGHUNATH MURMU SMRITI MAHAVIDYALAYA



PRESENT THIS


CERTIFICATE OF PARTICIPATION

TO

Saikat Basu

FOR HIS/HER ACTIVE AND INVALUABLE PARTICIPATION DURING THE CONDUCT OF 30 HOURS ADD ON COURSE ON "PYTHON PROGRAMMING" HELD ON 11TH -21TH OCT 2022 AT PANDIT RAGHUNATH MURMU SMRITI MAHAVIDYALAYA, BANKURA UNIVERSITY. ORGANIZED BY DEPARTMENT OF COMPUTER SCIENCE, PANDIT RAGHUNATH MURMU SMRITI MAHAVIDYALAYA.


Dr. Neelangshu Ghosh
[Principal of PRMSM]



Monojit Kundu

[HOD, Computer Sc Dept]


Mr. Anirban Ash

[Co-Ordinator, IQAC]