Dr. B. C. Roy College of Pharmacy and Allied Health Sciences Durgapur - 713206

NOTICE

Date: 09/08/2023

We are excited to announce that the College will be introducing value-added courses on advanced topics of Biostatistics and DoE (Design of Experiments), as well as Python and AI/ML. These courses have been designed to help our students gain a competitive edge in the job market and further studies.

To enroll for these special courses, please fill out the form provided. The courses will begin in August 2023 and are aimed at enhancing your IT and Data Analytics skills to make you industryready.

Please note that each course has only 30 seats available. In case of more applicants, the selection process will involve suitable screening to identify the best candidates.

The last date for enrollment is 14-08-2023, and there is no course fee

The courses offered are:

- 1. For B. PHARM II year: Basic Programming with Python and application in database management, Intelligence and machine learning (AI/ML) for Pharmacy.
- 2. For **B**. **PHARM** IV year and M. year: BIOSTATISTICS & DoE FOR **PHARMACEUTICAL APPLICATIONS**

Principal

Link for Enrollment: https://forms.gle/jPiy93DyQHpDAYAe6

Cumar Samanta Ph.D (J.U.) Dr. B. C. Roy College of Pharmacy & AHS Principal Durgapur, West Bengal-713206

College of

The Principal,

Dr. B. C. Roy College of Pharmacy and Allied Health Sciences.

Durgapur,

West Bengal

Subject: Add-on course on Basic programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Sir,

It is to inform that the above-mentioned course has been started on 29th August 2023 with 40 B. Pharm., 2nd Year students selected on the basis of merit list. The details of these students are provided in the next page. The merit list was constructed based on the following criteria.

Total score = 0.5*Class XII Mathematics marks (or Mathematics marks of B. Pharm. 1st Semester)+0.25* Class X Mathematics marks+0.25*(B. Pharm. 1st Semester SGPA*10).

From now on, the classes of this 40 credit hours course will be conducted on Monday and Thursday of each week.

Thanking you,

Sincerely yours,

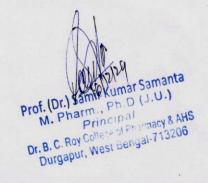
Amit Kumar Halder Amit Kumar Halder Amit Soumen Banerjee

Dr. B. C. Roy College of Fharmacy & AHS Durgapur, West Bengal-713206

List of students enrolled for the course

Merit List Rank	NAME	ROLL NO
ML01	Suvajit Bhunia	18901922102
ML02	Santanu Das	18901922104
ML03	Chayanika Kundu	18901922092
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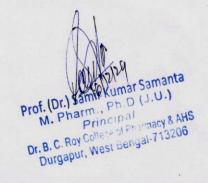
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Course name: Basic programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Level of the course: Certificate

Course objective: To teach the students of Pharmacy Python programming language as well as to train them in database management, artificial intelligence/machine learning using Python to improve their career opportunities.

Proposed course structure:

Class	Content/Topic	Required Time (in hour)/Credit hour	Year
Unit 1	Introduction to Python		2 nd
	History, use and basics of Python	1	2 nd
2	Data types: Understanding different data-types, size and use	1	2 nd
3	Operators: Explanation about relational, conditional, logical, modulo-division, Boolean operators with different examples and programming implementations	1	2 nd
Unit 2	Conditional statement		2 nd
1	Conditional statement -1: Explaining the syntax of if, if-else and elif	I am and a factor of the same	
2	Conditional statement -2: Programming examples and implementation of all the conditional statements.	1	2 nd
Unit 3	Loop		
1	Loop-1: Introduction to while loop with different examples and programming implementation.	1	2 nd
2	Loop-2. Introduction to <i>for</i> loop with different examples and programming implementation.	1	2 nd
3	Loop-3: Use of range functions in <i>for</i> and <i>while</i> loop with different examples and programming implementation.	1	2 nd
Unit 4	Lists, Tuple and Dictionary	1	
1	Lists-1: Lists constructs, syntax and use	1 //	2 nd
2	Lists-2: Use of lists in <i>for</i> and while loop with different examples and programming implementation	1 hy samanta	2 nd

Prof. (Dr. Samir Kumb (J. U.)

Prof. (Dr. Samir Ph.D (J. U.)

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Turale: Turale constructs, syntax and use with programming examples	1	2 nd
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examples	1	
Functions and Class	2	2 nd
Functions-1: Introductions to functions, use and classifications of functions	2	2nd
Functions-2: Programming examples and implementations of built-in functions and user-defined functions	2	
Class concepts: Introduction to object-oriented programming (OOP) with	2	2 nd
Exam-1	2	2 nd
Important python packages	and the second s	2 nd
NumPy: Introduction to numPy, numPy array, uses of NumPy in	1	
SciPy: Introduction to SciPy and uses of SciPy in mathematical calculations.	1	2 nd
Database management with Pandas: Introduction to Pandas and its uses in database handling Introduction to different data formats (e.g., .csv, .xlsx).	1	2 nd
Database management with Pandas: How to import/export the different data	P. (BC307)	2 nd
Artificial Intelligence and Machine Learning		
AI/ML: Introduction to AI and ML +concepts about supervised and	1	2 nd
ANN: Basic concept of artificial neural network, introduction to Perceptron.	1	2 nd
Paraphran: How to write a basic program for Perceptron with Python	2 8 8 8 8 8 8 8	2 nd
MI P and DNN: Concents of Multilaver Percention and Deep Neural Network	2	2 nd
Databases in Pharmacy and Bioinformatics: Collection and curation of chemical/pharmaceutical datasets for a specific biological target from ChEMBL and Binding Database (using Pandas and NumPy) and other databases.	2	2nd
	Functions and Class Functions-1: Introductions to functions, use and classifications of functions Functions-2: Programming examples and implementations of built-in functions and user-defined functions Class concepts: Introduction to object-oriented programming (OOP) with Class with programming implementations Exam-1 Important python packages NumPy: Introduction to numPy, numPy array, uses of NumPy in mathematical calculations. SciPy: Introduction to SciPy and uses of SciPy in mathematical calculations. Database management with Pandas: Introduction to Pandas and its uses in database handling. Introduction to different data formats (e.g., .csv, .xlsx). Database management with Pandas: How to import/export the different data types with Pandas and how to edit the data and obtain statistical results Artificial Intelligence and Machine Learning AI/ML: Introduction to Al and ML +concepts about supervised and unsupervised learning. ANN: Basic concept of artificial neural network, introduction to Perceptron. Perceptron: How to write a basic program for Perceptron with Python MLP and DNN: Concepts of Multilayer Perception and Deep Neural Network Applications of AI/ML in Pharmacy Databases in Pharmacy and Broinformatics: Collection and curation of chemical/pharmaceutical datasets for a specific biological target from ChEMBL and Binding Database (using Pandas and NumPy) and other	Dictionary: Dictionary constructs, syntax and use with programming examples Functions and Class Functions-1: Introductions to functions, use and classifications of functions Functions-2: Programming examples and implementations of built-in functions and user-defined functions Class concepts: Introduction to object-oriented programming (OOP) with Class with programming implementations Exam-1 Important python packages NumPy: Introduction to numPy, numPy array, uses of NumPy in mathematical calculations. SciPy: Introduction to SciPy and uses of SciPy in mathematical calculations. Database management with Pandas: Introduction to Pandas and its uses in database handling. Introduction to different data formats (e.g., .csv, .xlsx). Database management with Pandas: How to import/export the different data types with Pandas and how to edit the data and obtain statistical results Artificial Intelligence and Machine Learning Al/ML: Introduction to Al and ML +concepts about supervised and unsupervised learning. ANN: Basic concept of artificial neural network, introduction to Perceptron. Perceptron: How to write a basic program for Perceptron with Python MI.P and DNN: Concepts of Multilayer Perception and Deep Neural Network Applications of Al/ML in Pharmacy Databases in Pharmacy and Broinformatics Collection and curation of chemical/pharmaceutical datasets for a specific biological target from ChEMBL and Binding Database (using Pandas and NumPy) and other

Prof. (Dr.) Semir Kumar Samanta

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Course on the Ba	Cheminformatics: Basic concepts of cheminformatics and how to calculate molecular descriptors and fingerprints using various non-commercial	2 destrout,	ar difficial forms	ligene
	molecular descriptors and fingerprints descriptors packages. Rdkit and molecular descriptors: Introduction to Python based Rdkit program to import data, convert data formats and calculations of molecular descriptors	2		2 nd
gress and mariane fer	and fingerprints.	2	oe managemen	2 nd
Francisco Structure	datasets. Tensorflow for developing ANN models for the pharmaceutical	2		2 nd
Class	datasets. Garage CNN: Development of Transformer-CNN models using Signature.	2	ored Little (in	2 nd
	notations of chemical compounds. Exam-2 Total	2	40	

Requirement:

Human resource: Will be conducted by selected faculties of Dr. B. C. Roy College of Pharmacy and A. H. S. (BCRCP)

Course coordinators: (a) Mr. Soumen Banerjee, Assistant Professor, BCRCP

(b) Dr. Amit Kumar Halder, Associate Professor, BCRCP

Proposed by: I.T. Cell, BCRCP

(a) Prof. Subhabrata Ray

(b) Dr. Souvik Basak

(c) Dr. Amit Kumar Halder

(d) Dr. Falguni Patra

(e) Mr. Soumen Banerjee

Prof. (Dr. Kamir Kumar Samanta M. Pharm., Ph.D (J.U.)

Dr.B. C. Roy College of Tharmacy & AHS Dr. B. C. Val Course Course 1, 13500

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MLII -		18901922037	Abhejit Kheilla
ML12	Munshi Aman Sahein	18901922036	Munshi Aman Saha
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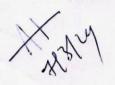
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11/3/24

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ML09	Surajeet Ghosh	18901922060	
ML10	Subham Dey	18901922033	
ML11	Abhijit Khutia	18901922037	。 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
ML12	Munshi Aman Sahein	18901922036	Munsh Aman Cahe'n
ML13	Rintu Pal	18901922082	Rinty Pal
ML14	Ayan Mondal	18901922087	Ayan Mondal
ML15	Tutun Mandal	18901922003	
ML17	Ankit Das	18901922090	10And DWT
ML18	Soumyadip Pal	18901922093	Sormyadip pal
ML19	Debjit Chakrabarti	18901922075	
ML20	Spandan Ghosh	18901922034	Post of the second seco
ML21	Saumyadip Kayal	18901922086	
ML22	Ritrisha Adhikary	18901922021	
ML23	Manoj Kumar	18901922002	Manoj Kumar
ML24	Arpita Roy	18901922085	Anpita Rox
ML25	Souvick Maity	18901922100	Socivica mait &
ML26	Oindrila Nag	18901922007	
ML27	Rakhi Dhua	18901922018	
ML28	Bishal Das	18901922084	
ML29	Shreyasi Maiti	18901922103	
ML30	Akash Routh	18901922010	
ML31	Nayan Dutta	18901922044	
ML32	Agnik Khutia	18901922058	
ML33	Prithwish Ghosh	18901922054	
ML34	Soumen Khanra	18901922017	Soumen Khanra
ML35	Saikat Biswas	18901922079	
ML36	Abhijit Ghosh	18901922035	Abhirit Ghooh
ML37	Tanmoy Datta	18901922038	Tannoy Data
ML38	Shreya Rout	18901922094	
ML39	Subhadip Banerjee	18901922019	Subhadit Benenga
ML40	Soumyadip Mahato	18901922074	Soundaip Mahate
ML41	Sayan Bhattacharyay	18901922020	Sayan Bhettacheryay
ML42	Debleena Ghosh	18901922091	Deldeena Ghorin

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Attendance

Merit List Rank	NAME	ROLL NO	Signature
ML01	Suvajit Bhunia	18901922102	
ML02	Santanu Das	18901922104	Santanu Tas
ML03	Chayanika Kundu	18901922092	Chazanika kundu
ML04	Kushal Saha	18901922088	4
ML06	Suman Jana	18901922081	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ML07	Samadrita Ghosh	18901922015	Samadeuta Ochesh.
ML08	Samprati Maity	18901922066	
	Surajeet Ghosh	18901922060	
ML09	Subham Dey	18901922033	
ML10	Abhijit Khutia	18901922037	
ML11	Munshi Aman Sahein	18901922036	- Table 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ML12	Rintu Pal	18901922082	Kintu Pal
ML13	Ayan Mondal	18901922087	Kintu Pal Ayan Mondat
ML14	Tutun Mandal	18901922003	J
ML15	Ankit Das	18901922090	
ML17	Soumyadip Pal	18901922093	
ML18	Debjit Chakrabarti	18901922075	
ML19	Spandan Ghosh	18901922034	
ML20	Saumyadip Kayal	18901922086	Soumyadik Kayal
ML21	Ritrisha Adhikary	18901922021	Saumyadik Kayal
ML22	Manoj Kumar	18901922002	Manos Kismar
ML23	Arpita Roy	18901922085	Appita Rox
ML24	Souvick Maity	18901922100	100
ML25	Oindrila Nag	18901922007	
ML26	Rakhi Dhua	18901922018	The second secon
ML27	Bishal Das	18901922084	
ML28		18901922103	
ML29	Shreyasi Maiti	18901922010	
ML30	Akash Routh	18901922044	
ML31	Nayan Dutta	18901922058	
ML32	Agnik Khutia	18901922054	
ML33	Prithwish Ghosh	18901922017	Boumen Khanpa
ML34	Soumen Khanra	18901922079	SON THE IT INTO
ML35	Saikat Biswas	18901922075	
ML36	Abhijit Ghosh	18901922038	Tanmou Date
ML37	Tanmoy Datta	18901922094	Tanmoy Datta
ML38	Shreya Rout	18901922019	
ML39	Subhadip Banerjee	18901922074	Soumpadip Mahato
ML40	Soumyadip Mahato	18901922074	1 1 0000
ML41	Sayan Bhattacharyay	18901922020	Deleloona Shork
ML42	Debleena Ghosh	18901922091	Dellowa drailer

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Attendance

Merit List Rank	NAME	ROLL NO	Signature
ML01	Suvajit Bhunia	18901922102	Scerajet Bhang
ML02	Santanu Das	18901922104	Santanu das
ML03	Chayanika Kundu	18901922092	Chayanika Kundu
ML04	Kushal Saha	18901922088	Kushal Saha
ML06	Suman Jana	18901922081	
ML07	Samadrita Ghosh	18901922015	
ML08	Samprati Maity	18901922066	
ML09	Surajeet Ghosh	18901922060	
ML10	Subham Dey	18901922033	
ML11	Abhijit Khutia	18901922037	· 医一种 美国福朗与日本
ML12	Munshi Aman Sahein	18901922036	Munshi Aman Sahein
ML13	Rintu Pal	18901922082	Kinty Pal
ML14	Ayan Mondal	18901922087	Ayam Mondel.
ML15	Tutun Mandal	18901922003	Jan Amaria - Maria Rajakan
ML17	Ankit Das	18901922090	Ankit Day
ML18	Soumyadip Pal	18901922093	
ML19	Debjit Chakrabarti	18901922075	
ML20	Spandan Ghosh	18901922034	
ML21	Saumyadip Kayal	18901922086	Saumyadik Kayal
ML22	Ritrisha Adhikary	18901922021	January January
ML23	Manoj Kumar	18901922002	Manoj Komal
ML24	Arpita Roy	18901922085	Applita ROX
ML25	Souvick Maity	18901922100	Appita Roy Souvick Maity
ML26	Oindrila Nag	18901922007	
ML27	Rakhi Dhua	18901922018	
ML28	Bishal Das	18901922084	
ML29	Shreyasi Maiti	18901922103	
ML30	Akash Routh	18901922010	The second secon
ML31	Nayan Dutta	18901922044	
	Agnik Khutia	18901922058	
ML32 ML33	Prithwish Ghosh	18901922054	
	Soumen Khanra	18901922017	
ML34	Saikat Biswas	18901922079	
ML35		18901922035	Abhirit Ghost
ML36	Abhijit Ghosh	18901922038	
ML37	Tanmoy Datta Shreya Rout	18901922094	Tanmany Datte
ML38		18901922019	
ML39	Subhadip Banerjee	18901922074	Garana adia Malanta
ML40	Soumyadip Mahato	18901922074	Soummedip Mahato
ML41	Sayan Bhattacharyay		Deldeena Thorh
ML42	Debleena Ghosh	18901922091	remagna show

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Durgapur 20

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 28,03,24

Ierit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	
ML02	Santanu Das	18901922104	
ML03	Chayanika Kundu	18901922092	Chayanika Kundu
ML04	Kushal Saha	18901922088	Kushal Lahr
ML06	Suman Jana	18901922081	
ML07	Samadrita Ghosh	18901922015	
ML08	Samprati Maity	18901922066	
ML09	Surajeet Ghosh	18901922060	Surgest Chosh
ML10	Subham Dey	18901922033	
ML11	Abhijit Khutia	18901922037	
ML12	Munshi Aman Sahein	18901922036	- 0
ML13	Rintu Pal	18901922082	Kintu Pal
ML14	Ayan Mondal	18901922087	Rintu Pal. Ayan Mondel
ML15	Tutun Mandal	18901922003	9
ML17	Ankit Das	18901922090	
ML18	Soumyadip Pal	18901922093	
ML19	Debjit Chakrabarti	18901922075	
ML20	Spandan Ghosh	18901922034	
ML21	Saumyadip Kayal	18901922086	
ML 22	Ritrisha Adhikary	18901922021	
ML23	Manoj Kumar	18901922002	
ML24	Arpita Roy	18901922085	
ML25	Souvick Maity	18901922100	
ML26	Oindrila Nag	18901922007	Oindrila Nag
ML27	Rakhi Dhua	18901922018	
ML28	Bishal Das	18901922084	
ML29	Shreyasi Maiti	18901922103	
ML30	Akash Routh	18901922010	1
ML31	Nayan Dutta	18901922044	
ML32	Agnik Khutia	18901922058	
ML33	Prithwish Ghosh	18901922054	
ML34	Soumen Khanra	18901922017	
ML35	Saikat Biswas	18901922079	
ML36	Abhijit Ghosh	18901922035	
ML37	Tanmoy Datta		Tanmoy Datta
ML38	Shreya Rout	18901922094	7
ML39	Subhadip Banerjee	18901922019	
ML40	Soumyadip Mahato	18901922074	
ML41	Sayan Bhattacharyay	18901922020	
ML42	Debleena Ghosh	18901922091	

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Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 04.04.24

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	Serget Bheenia.
ML02	Santanu Das	18901922104	Santanu Jas
ML03	Chayanika Kundu	18901922092	chayanika Kundu
ML04	Kushal Saha	18901922088	Kushal Lata
ML06	Suman Jana	18901922081	
МЦ07	Samadrita Ghosh	18901922015	
ML08	Samprati Maity	18901922066	
ML09	Surajeet Ghosh	18901922060	Surajeet Chash
ML10	Subham Dey	18901922033	
ML11	Abhijit Khutia	18901922037	
ML12	Munshi Aman Sahein	18901922036	Munshi Aman Sahe
ML13	Rintu Pal	18901922082	Kinty Pal
MU14	Ayan Mondal	18901922087	Ayan Mondel.
ML15	Tutun Mandal	18901922003	9
	Ankit Das	18901922090	confit Day
ML18	Soumyadip Pal	18901922093	Soumpadip pal
ML19	Debjit Chakrabarti	18901922075	
ML20	Spandan Ghosh	18901922034	
ML21	Saumyadip Kayal	18901922086	
ML22	Ritrisha Adhikary	18901922021	
ML23	Manoj Kumar	18901922002	Mamoj kumar
ML24	Arpita Roy	18901922085	
ML25	Souvick Maity	18901922100	Souvick Maity
ML26	Oindrila Nag	18901922007	Souvick Maity Oindrila Nag
ML27	Rakhi Dhua	18901922018	0
ML28	Bishal Das	18901922084	
ML29	Shreyasi Maiti	18901922103	
ML30	Akash Routh	18901922010	
ML31	Nayan Dutta	18901922044	
ML32	Agnik Khutia	18901922058	
ML33	Prithwish Ghosh	18901922054	
ML34	Soumen Khanra	18901922017	
ML35	Saikat Biswas	18901922079	
ML36	Abhijit Ghosh	18901922035	Abhirit Ghosh
ML37	Tanmoy Datta	18901922038	
MU38	Shreya Rout	18901922094	Tanmoy Dalla
ML39	Subhadip Banerjee	18901922019	Subhadif Banenjee
MLI40	Soumyadip Mahato	18901922074	
ML41	Sayan Bhattacharyay	18901922020	Scyon Bhattachoryer Deleleena Short
ML42	Debleena Ghosh	18901922091	Delelena Charl

Prof. (Dr.) Sant Rumar Samanta
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Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 08 |04 |2024

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	servojet Bhunin
ML02	Santanu Das	18901922104	Santanu Das
ML03	Chayanika Kundu	18901922092	Chayanika Kundu
ML04	Kushal Saha	18901922088	Kushal Saha
ML06	Suman Jana	18901922081	
ML07	Samadrita Ghosh	18901922015	
ML08	Samprati Maity	18901922066	
ML09	Surajeet Ghosh	18901922060	
MU10	Subham Dey	18901922033	
MLI1	Abhijit Khutia	18901922037	
ML12	Munshi Aman Sahein	18901922036	Munghi Aman Sahe
ML13	Rintu Pal	18901922082	
МЦ14	Ayan Mondal	18901922087	Agan Mondal
ML15	Tutun Mandal	18901922003	
МЦ17	Ankit Das	18901922090	-Ankit Das.
ML18	Soumyadip Pal	18901922093	
ML19	Debjit Chakrabarti	18901922075	
ML20	Spandan Ghosh	18901922034	
ML21	Saumyadip Kayal	18901922086	Saumyadik Kayal
ML22	Ritrisha Adhikary	18901922021	
ML23	Manoj Kumar	18901922002	Manoj Kumar
ML24	Arpita Roy	18901922085	Appita Rox
ML25	Souvick Maity	18901922100	Souvick Maity
ML26	Oindrila Nag	18901922007	
ML27	Rakhi Dhua	18901922018	
ML28	Bishal Das	18901922084	
ML29	Shreyasi Maiti	18901922103	
ML30	Akash Routh	18901922010	
ML31	Nayan Dutta	18901922044	
ML32	Agnik Khutia	18901922058	
ML33	Prithwish Ghosh	18901922054	
ML34	Soumen Khanra	18901922017	
ML35	Saikat Biswas	18901922079	
ML36	Abhijit Ghosh	18901922035	
ML37	Tanmoy Datta	18901922038	Tanmoy Date
ML38	Shreya Rout	18901922094	The state of the s
MU39	Subhadip Banerjee	18901922019	
ML40	Soumyadip Mahato	18901922074	Soumyadip Mahato
ML41	Sayan Bhattacharyay	18901922020	
ML42	Debleena Ghosh	18901922091	Pelileena Shoph

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Ph.D (J.U.)

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Signature of Figures Ours

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 15,04.24

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	
ML02	Santanu Das	18901922104	
ML03	Chayanika Kundu	18901922092	Cheyanika Kundu
ML04	Kushal Saha	18901922088	0
ML06	Suman Jana	18901922081	
ML07	Samadrita Ghosh	18901922015	
ML08	Samprati Maity	18901922066	
ML09	Surajeet Ghosh	18901922060	
ML10	Subham Dey	18901922033	
ML11	Abhijit Khutia	18901922037	
ML12	Munshi Aman Sahein	18901922036	
ML13	Rintu Pal	18901922082	Kintu Pal
ML14	Ayan Mondal	18901922087	Rintu Pal Ayan Mondel
ML15	Tutun Mandal	18901922003	3
ML17	Ankit Das	18901922090	
ML18	Soumyadip Pal	18901922093	
ML19	Debjit Chakrabarti	18901922075	
ML20	Spandan Ghosh	18901922034	
ML21	Saumyadip Kayal	18901922086	
ML22	Ritrisha Adhikary	18901922021	
ML23	Manoj Kumar	18901922002	
ML24	Arpita Roy	18901922085	Appita Roy
ML25	Souvick Maity	18901922100	. 0
ML26	Oindrila Nag	18901922007	
ML27	Rakhi Dhua	18901922018	
ML28	Bishal Das	18901922084	
ML29	Shreyasi Maiti	18901922103	
ML30	Akash Routh	18901922010	
ML31	Nayan Dutta	18901922044	
ML32	Agnik Khutia	18901922058	
ML33	Prithwish Ghosh	18901922054	
ML34	Soumen Khanra	18901922017	
ML35	Saikat Biswas	18901922079	
ML36	Abhijit Ghosh	18901922035	Abhigit without
ML37	Tanmoy Datta	18901922038	Tannoy Data
ML38	Shreya Rout	18901922094	,
ML39	Subhadip Banerjee	18901922019	
ML40	Soumyadip Mahato	18901922074	
ML41	Sayan Bhattacharyay	18901922020	
ML42	Debleena Ghosh	18901922091	Delleona Short

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Signature of Faculty of Proping

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 18,04.24

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	
ML02	Santanu Das	18901922104	Santanu Das
ML03	Chayanika Kundu	18901922092	Chayanika Kundu
ML04	Kushal Saha	18901922088	
ML06	Suman Jana	18901922081	
ML07	Samadrita Ghosh	18901922015	
ML08	Samprati Maity	18901922066	
ML09	Surajeet Ghosh	18901922060	
ML10	Subham Dey	18901922033	
ML11	Abhijit Khutia	18901922037	
ML12	Munshi Aman Sahein	18901922036	Munshi Aman Saheir Rinhu Pal
ML13	Rintu Pal	18901922082	Rinky Pal.
ML14	Ayan Mondal	18901922087	Ayan Hondel
ML15	Tutun Mandal	18901922003)
ML17	Ankit Das	18901922090	
ML18	Soumyadip Pal	18901922093	
ML19	Debjit Chakrabarti	18901922075	
ML20	Spandan Ghosh	18901922034	
ML21	Saumyadip Kayal	18901922086	
ML22	Ritrisha Adhikary	18901922021	•
ML23	Manoj Kumar	18901922002	Mano Kumor
ML24	Arpita Roy	18901922085	
ML25	Souvick Maity	18901922100	
ML26	Oindrila Nag	18901922007	
ML27	Rakhi Dhua	18901922018	
ML28	Bishal Das	18901922084	
ML29	Shreyasi Maiti	18901922103	
ML30	Akash Routh	18901922010	
ML31	Nayan Dutta	18901922044	
ML32	Agnik Khutia	18901922058	
ML33	Prithwish Ghosh	18901922054	
ML34	Soumen Khanra	18901922017	
ML35	Saikat Biswas	18901922079	
ML36	Abhijit Ghosh	18901922035	
ML37	Tanmoy Datta	18901922038	Tanmoy Datter
ML38	Shreya Rout	18901922094	The state of the s
ML39	Subhadip Banerjee	18901922019	
ML40	Soumyadip Mahato	18901922074	
ML41	Sayan Bhattacharyay	18901922020	
ML42	Debleena Ghosh	18901922091	

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Signature of Faculty Programs

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Ourgapur

Course Name: Basis programming with Python and its application in database management, artificial Date: 25 V 24 intelligence and machine learning (AI/ML).

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	Surveit Bhuna
ML02	Santanu Das	18901922104	Santanu Tal
ML03	Chayanika Kundu	18901922092	Chayanika Kundu
ML04	Kushal Saha	18901922088	Kushal saha
ML06	Suman Jana	18901922081	
ML07	Samadrita Ghosh	18901922015	
ML08	Samprati Maity	18901922066	
ML09	Surajeet Ghosh	18901922060	
ML10	Subham Dey	18901922033	
ML11	Abhijit Khutia	18901922037	
ML12	Munshi Aman Sahein	18901922036	Munghi Aman Schein Tintu Poll Ayan Handal
ML13	Rintu Pal	18901922082	Kintu Poil
ML14	Ayan Mondal	18901922087	Ayan Handal
ML15	Tutun Mandal	18901922003	0
ML17	Ankit Das	18901922090	wantst Dar
ML18	Soumyadip Pal	18901922093	Soumyadip Pal
ML19	Debjit Chakrabarti	18901922075	1
ML20	Spandan Ghosh	18901922034	
ML21	Saumyadip Kayal	18901922086	
ML22	Ritrisha Adhikary	18901922021	
ML23	Manoj Kumar	18901922002	Manos kumar
ML24	Arpita Roy	18901922085	Appita Roy Souvick Maity
ML25	Souvick Maity	18901922100	Souvick Maity
ML26	Oindrila Nag	18901922007	pindrila Nag
ML27	Rakhi Dhua	18901922018	0
ML28	Bishal Das	18901922084	
ML29	Shreyasi Maiti	18901922103	
ML30	Akash Routh	18901922010	
ML31	Nayan Dutta	18901922044	
ML32	Agnik Khutia	18901922058	
ML33	Prithwish Ghosh	18901922054	
ML34	Soumen Khanra	18901922017	
ML35	Saikat Biswas	18901922079	
ML36	Abhijit Ghosh	18901922035	Abhirit Whosh
ML37	Tanmoy Datta	18901922038	Tanmoy Dalla
ML38	Shreya Rout	18901922094	
ML39	Subhadip Banerjee	18901922019	Suchadip Banerse
ML40	Soumyadip Mahato	18901922074	Sownyadio Mahato
ML41	Sayan Bhattacharyay	18901922020	Boy on Bhetachery
ML42	Debleena Ghosh	18901922091	Deleleena Shorth

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Principal

Dr.B. C. Roy College of Pharmacy 8 AHS

Durgapur, West Bengal-713208

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 29.4.24

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	
ML02	Santanu Das	18901922104	
ML03	Chayanika Kundu	18901922092	chayanika Kundu
ML04	Kushal Saha	18901922088	
ML06	Suman Jana	18901922081	
ML07	Samadrita Ghosh	18901922015	
ML08	Samprati Maity	18901922066	
ML09	Surajeet Ghosh	18901922060	
ML10	Subham Dey	18901922033	
ML11	Abhijit Khutia	18901922037	
ML12	Munshi Aman Sahein	18901922036	
ML13	Rintu Pal	18901922082	
ML14	Ayan Mondal	18901922087	
ML15	Tutun Mandal	18901922003	
ML17	Ankit Das	18901922090	
ML18	Soumyadip Pal	18901922093	
ML19	Debjit Chakrabarti	18901922075	
ML20	Spandan Ghosh	18901922034	
ML21	Saumyadip Kayal	18901922086	Soumyadip Kayal
ML22	Ritrisha Adhikary	18901922021	- Carrier 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
ML23	Manoj Kumar	18901922002	
ML24	Arpita Roy	18901922085	
ML25	Souvick Maity	18901922100	
ML26	Oindrila Nag	18901922007	
ML27	Rakhi Dhua	18901922018	
ML28	Bishal Das	18901922084	
ML29	Shreyasi Maiti	18901922103	
ML30	Akash Routh	18901922010	
ML31	Nayan Dutta	18901922044	
ML32	Agnik Khutia	18901922058	
ML33	Prithwish Ghosh	18901922054	
ML34	Soumen Khanra	18901922017	
ML35	Saikat Biswas	18901922079	
ML36	Abhijit Ghosh	18901922035	
ML37	Tanmoy Datta	18901922038	Tanney Dalta
ML38	Shreya Rout	18901922094	The state of the s
ML39	Subhadip Banerjee	18901922019	
ML40	Soumyadip Mahato	18901922074	Soumyadip Mahato
ML41	Sayan Bhattacharyay	18901922020	The state of the s
ML42	Debleena Ghosh	18901922091	Deleloena Thorh

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Dr.B. C. Roy College of Pharmacy & AHS
Durgapur, West Benguir (1,3206)

Signature of Faculty Phone

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (Al/ML).

Date: 2/5/24

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	Surgit Bhunor
ML02	Santanu Das	18901922104	Santanu Val
ML03	Chayanika Kundu	18901922092	Chayanika Kumdu
ML04	Kushal Saha	18901922088	Kushal Jahn
ML06	Suman Jana	18901922081	
ML07	Samadrita Ghosh	18901922015	
ML08	Samprati Maity	18901922066	
ML09	Surajeet Ghosh	18901922060	
ML10	Subham Dey	18901922033	
ML11	Abhijit Khutia	18901922037	_
ML12	Munshi Aman Sahein	18901922036	Munsh Aman Sahe
ML13	Rintu Pal	18901922082	Kintu Pal
ML14	Ayan Mondal	18901922087	Ayan Morrea
ML15	Tutun Mandal	18901922003	4
ML17	Ankit Das	18901922090	
ML18	Soumyadip Pal	18901922093	Soumpadip Pal
ML19	Debjit Chakrabarti	18901922075	
ML20	Spandan Ghosh	18901922034	
ML21	Saumyadip Kayal	18901922086	Saumyadip Kayal
ML22	Ritrisha Adhikary	18901922021	
ML23	Manoj Kumar	18901922002	Man of Kumaz
ML24	Arpita Roy	18901922085	Ampita Roy
ML25	Souvick Maity	18901922100	Souvick Maity
ML26	Oindrila Nag	18901922007	•
ML27	Rakhi Dhua	18901922018	
ML28	Bishal Das	18901922084	
ML29	Shreyasi Maiti	18901922103	
ML30	Akash Routh	18901922010	
ML31	Nayan Dutta	18901922044	
ML32	Agnik Khutia	18901922058	
ML33	Prithwish Ghosh	18901922054	
ML34	Soumen Khanra	18901922017	
ML35	Saikat Biswas	18901922079	
ML36	Abhijit Ghosh	18901922035	Abhitit Cochooch
ML37	Tanmoy Datta	18901922038	Tanmoy Datta
ML38	Shreya Rout	18901922094	
ML39	Subhadip Banerjee	18901922019	
ML40	Soumyadip Mahato	18901922074	Sownyadip Mahato
ML41	Sayan Bhattacharyay	18901922020	
ML42	Debleena Ghosh	18901922091	Deletera Short

Prof. (Dr.) Samir Kumar Samanta

Prof. (Dr.) Samir Kumar Samanta

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Principal

Dr.B.C. Roy College of Pharmacy & AHS

Durgapur, West Bengal-713206

Signature of Fasulty
College F

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 9 5 24

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	
ML02	Santanu Das	18901922104	Santanu Jas
ML03	Chayanika Kundu	18901922092	Chayanikon Kundu Kushal satu
ML04	Kushal Saha	18901922088	Kushal Sata
ML06	Suman Jana	18901922081	
ML07	Samadrita Ghosh	18901922015	
ML08	Samprati Maity	18901922066	
ML09	Surajeet Ghosh	18901922060	
ML10	Subham Dey	18901922033	
ML11	Abhijit Khutia	18901922037	
ML12	Munshi Aman Sahein	18901922036	
ML13	Rintu Pal	18901922082	Kinter Pal.
ML14	Ayan Mondal	18901922087	Kinter Pal Ayon Mender.
ML15	Tutun Mandal	18901922003	
ML17	Ankit Das	18901922090	
ML18	Soumyadip Pal	18901922093	
ML19	Debjit Chakrabarti	18901922075	
ML20	Spandan Ghosh	18901922034	
ML21	Saumyadip Kayal	18901922086	
ML22	Ritrisha Adhikary	18901922021	
ML23	Manoj Kumar	18901922002	
ML24	Arpita Roy	18901922085	
ML25	Souvick Maity	18901922100	
ML26	Oindrila Nag	18901922007	
ML27	Rakhi Dhua	18901922018	
ML28	Bishal Das	18901922084	
ML29	Shreyasi Maiti	18901922103	
ML30	Akash Routh	18901922010	
ML31	Nayan Dutta	18901922044	
ML32	Agnik Khutia	18901922058	
ML33	Prithwish Ghosh	18901922054	
ML34	Soumen Khanra	18901922017	
ML35	Saikat Biswas	18901922079	
ML36	Abhijit Ghosh	18901922035	
ML37	Tanmoy Datta	18901922038	Tannoy Datta
ML38	Shreya Rout	18901922094	3
ML39	Subhadip Banerjee	18901922019	A
ML40	Soumyadip Mahato	18901922074	
ML41	Sayan Bhattacharyay	18901922020	
ML42	Debleena Ghosh	18901922091	Delelena Short

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Signature of Faculty

College of Proping

Coll

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 6/5/24

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	Surgit Bhunia.
ML02	Santanu Das	18901922104	Santanu Vas
ML03	Chayanika Kundu	18901922092	Chayanika kundu
ML04	Kushal Saha	18901922088	
ML06	Suman Jana	18901922081	
ML07	Samadrita Ghosh	18901922015	
ML08	Samprati Maity	18901922066	
ML09	Surajeet Ghosh	18901922060	
ML10	Subham Dey	18901922033	
ML11	Abhijit Khutia	18901922037	
ML12	Munshi Aman Sahein	18901922036	
ML13	Rintu Pal	18901922082	
ML14	Ayan Mondal	18901922087	Ayan Mondel.
ML15	Tutun Mandal	18901922003	
ML17	Ankit Das	18901922090	
ML18	Soumyadip Pal	18901922093	Soung adip Pal
ML19	Debjit Chakrabarti	18901922075	300 1 100
ML20	Spandan Ghosh	18901922034	
ML21	Saumyadip Kayal	18901922086	Saumyadup Kaya
ML22	Ritrisha Adhikary	18901922021	
ML23	Manoj Kumar	18901922002	
ML24	Arpita Roy	18901922085	
ML25	Souvick Maity	18901922100	
ML26	Oindrila Nag	18901922007	
ML27	Rakhi Dhua	18901922018	
ML28	Bishal Das	18901922084	
ML29	Shreyasi Maiti	18901922103	
ML30	Akash Routh	18901922010	
ML31	Nayan Dutta	18901922044	
ML32	Agnik Khutia	18901922058	
ML33	Prithwish Ghosh	18901922054	
ML34	Soumen Khanra	18901922017	
ML35	Saikat Biswas	18901922079	
ML36	Abhijit Ghosh	18901922035	Abhirelt Whools
ML37	Tanmoy Datta	18901922038	Springlet Ghosh Tanmoy Datte
ML38	Shreya Rout	18901922094	2000
ML39	Subhadip Banerjee	18901922019	
ML40	Soumyadip Mahato	18901922074	Saunyadip Mahato
ML41	Sayan Bhattacharyay	18901922020	The state of the state of
ML42	Debleena Ghosh	18901922091	Delelena Short

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Signature of F

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

28/08/2023 Date:

ate: 28/08/2	NAME	ROLL NO	Attendance
Merit List Rank	Suvajit Bhunia	18901922102	Surajet Bhunia
ML01	Santanu Das	18901922104	Santanu vas
ML02	Chayanika Kundu	18901922092	Chayanika kundu
ML03	Kushal Saha	18901922088	Kushal Saha
ML04	Suman Jana	18901922081	Surray Jana.
ML06	Samadrita Ghosh	18901922015	compadenta (nosn.
ML07	Samprati Maity	18901922066	Samprati Maity
ML08	Surajeet Ghosh	18901922060	Surgeret Glosh
ML09	Subham Dey	18901922033	Subfam Deg.
ML10	Abhijit Khutia	18901922037	Abhijit Kheeten
ML11	Munshi Aman Sahein	18901922036	Mungh Aman Sahein
ML12	Rintu Pal	18901922082	Kintu Pal
ML13		18901922087	Ayan Honder.
ML14	Ayan Mondal	18901922003	Tutun mondal
ML15	Tutun Mandal Ankit Das	18901922090	(explired say
ML17		18901922093	Soumyadip pal
ML18	Soumyadip Pal	18901922075	Debilt Charrobon
ML19	Debjit Chakrabarti	18901922034	Spandon yhoah.
ML20	Spandan Ghosh	18901922086	Salimyadip Kayal
ML21	Saumyadip Kayal	18901922021	Ribisha Adlikany
ML22	Ritrisha Adhikary	18901922002	1: 1 2000 0111
ML23	Manoj Kumar	18901922085	Appita Roy
ML24	Arpita Roy	18901922100	
ML25	Souvick Maity	18901922007	• • • • • • • • • • • • • • • • • • • •
ML26	Oindrila Nag	1890192201	
ML27	Rakhi Dhua	1890192208	-100
ML28	Bishal Das	1890192210	
ML29	Shreyasi Maiti	1890192210	
ML30	Akash Routh	1890192204	
ML31	Nayan Dutta	1890192205	
ML32	Agnik Khutia	1890192205	
ML33	Prithwish Ghosh		101 100
ML34	Soumen Khanra	1890192201	00000
ML35	Saikat Biswas	1890192207	1 1 1 1 1 1 1
ML36	Abhijit Ghosh	1890192203	of Thomas Date
ML37	Tanmoy Datta	1890192203	
ML38	Shreya Rout	1890192209	
ML39	Subhadip Banerjee	189019220	I'm Malani HA
ML40	Soumyadip Mahato	189019220	and the second second
ML41	Sayan Bhattacharyay	189019220	
ML41 ML42	Debleena Ghosh	189019220	91 Deloleona Short

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Signature of Faculty College of

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 31/08/2023

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	Surger Bhunia
ML02	Santanu Das	18901922104	
ML03	Chayanika Kundu	18901922092	DACIVIOLIDE WOOD
ML04	Kushal Saha	18901922088	
ML06	Suman Jana	18901922081	Suman Jana
ML07	Samadrita Ghosh	18901922015	Samaduita Chosh.
ML08	Samprati Maity	18901922066	Campon line iles
ML09	Surajeet Ghosh	18901922060	Sampoatinaity
ML10	Subham Dey	18901922033	Surgicet Ghosh
ML11	Abhijit Khutia	18901922037	Al Line
ML12	Munshi Aman Sahein	18901922036	Abhigit Khuta
ML13	Rintu Pal	18901922082	Munshi Aman Sahei
ML14	Ayan Mondal	18901922087	Nintu Pal
ML15	Tutun Mandal	18901922087	Ayan Monde
ML17	Ankit Das	18901922090	Tytun Mandal
ML18	Soumyadip Pal		white Laz
ML19	Debjit Chakrabarti	18901922093	Soumyachy pal
ML20	Spandan Ghosh	18901922075	Debilteharrobor
ML21	Saumyadip Kayal	18901922034	apandon yhoal.
ML22	Ritrisha Adhikary	18901922086	Saumyadisk kayal
ML23	Manoj Kumar	18901922021	Ritrisha Adhikani
ML24	Arpita Roy	18901922002	Como Kana,
ML25	Souvick Maity	18901922085	Appita Roy
ML26	Oindrila Nag	18901922100	Souvich Mairy
ML27	Rakhi Dhua	18901922007	Omdrila Nag
ML28	Bishal Das	18901922018	Kakhi Shual
ML29		18901922084	Bishalbas.
ML30	Shreyasi Maiti	18901922103	Shreyasi Marti
ML31	Akash Routh	18901922010	Akash Routh
ML32	Nayan Dutta	18901922044	A
ML33	Agnik Khutia	18901922058	Aprik knutice
ML34	Prithwish Ghosh	18901922054	Prithwish 9thosh
ML35	Soumen Khanra	18901922017	Soumen Khanra
ML36	Saikat Biswas	18901922079	A
ML37	Abhijit Ghosh	18901922035	abhiret ahorsh
ML38	Tanmoy Datta	18901922038	Tanmoy Datta
ML39	Shreya Rout	18901922094	Shreya Rout
	Subhadip Banerjee		Sulhadip Banengee
ML40	Soumyadip Mahato		Soumpadip Mahato
ML41	Sayan Bhattacharyay		Sayon Bhetterboryay
ML42	Debleena Ghosh	18901922091	Delileona Short

Prof. (Dr.) Samil Kumar Samanta
M. Pflarm., Ph.D (J.U.)
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Dr.B. C. Roy College of Pharmacy & AHS
Durgapur, West Bengal-713206

Collegignature of Faculty

(Durgar

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 04/09/2023.

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	A
ML02	Santanu Das	18901922104	A
ML03	Chayanika Kundu	18901922092	Chayanika Kundu
ML04	Kushal Saha	18901922088	Kushal Saho
ML06	Suman Jana	18901922081	A
ML07	Samadrita Ghosh	18901922015	samaderita Ghersh.
ML08	Samprati Maity	18901922066	A
ML09	Surajeet Ghosh	18901922060	surraject abosh
ML10	Subham Dey	18901922033	A
ML11	Abhijit Khutia	18901922037	Abhijit Kheitia
ML12	Munshi Aman Sahein	18901922036	Munchi Aman Sahe
ML13	Rintu Pal	18901922082	Kintu Pal.
ML14	Ayan Mondal	18901922087	Ayam Hondel,
ML15	Tutun Mandal	18901922003	Δ
ML17	Ankit Das	18901922090	A
ML18	Soumyadip Pal	18901922093	A
ML19	Debjit Chakrabarti	18901922075	A
ML20	Spandan Ghosh	18901922034	A
ML21	Saumyadip Kayal	18901922086	A
ML22	Ritrisha Adhikary	18901922021	A
ML23	Manoj Kumar	18901922002	A
ML24	Arpita Roy	18901922085	Ampita Rox
ML25	Souvick Maity	18901922100	Ampita Roy Sourick Maity
ML26	Oindrila Nag	18901922007	vindrila Nag
ML27	Rakhi Dhua	18901922018	AO
ML28	Bishal Das	18901922084	A
ML29	Shreyasi Maiti	18901922103	Shreyosi Maiti
ML30	Akash Routh	18901922010	Akash Routh
ML31	Nayan Dutta	18901922044	A
ML32	Agnik Khutia	18901922058	Agnik Khutia
ML33	Prithwish Ghosh	18901922054	OA
ML34	Soumen Khanra	18901922017	A
ML35	Saikat Biswas	18901922079	. A
ML36	Abhijit Ghosh	18901922035	Advoit Ghoh
ML37	Tanmoy Datta	18901922038	Tanmoy Datta
ML38	Shreya Rout	18901922094	Shraya - Rout
ML39	Subhadip Banerjee	18901922019	Subhadit Banens
ML40	Soumyadip Mahato	18901922074	A
ML41	Sayan Bhattacharyay	18901922020	Soyon Bhottachonyay
ML42	Debleena Ghosh	18901922091	^

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Durgapur, West Bengal-713206

collegSignature of Faculty

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 11/09/2023

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	Sur ajet Bherria
ML02	Santanu Das	18901922104	Santanu Xas
ML03	Chayanika Kundu	18901922092	chayanika Kundu
ML04	Kushal Saha	18901922088	Kushal Sahen
ML06	Suman Jana	18901922081	Suman Java
ML07	Samadrita Ghosh	18901922015	Samodrita Chosh.
ML08	Samprati Maity	18901922066	Sompreati Maits
ML09	Surajeet Ghosh	18901922060	Surajoret Ghosh
ML10	Subham Dey	18901922033	Subtrain Der.
ML11	Abhijit Khutia	18901922037	Abhiji- Khutia
ML12	Munshi Aman Sahein	18901922036	Munghi Aman Sake
ML13	Rintu Pal	18901922082	Kantu Pal
ML14	Ayan Mondal	18901922087	Ayan Mondel.
ML15	Tutun Mandal	18901922003	Tutun Mandal
ML17	Ankit Das	18901922090	wAnlst Day
ML18	Soumyadip Pal	18901922093	Soumyadip pal
ML19	Debjit Chakrabarti	18901922075	Debit Charlerabar
ML20	Spandan Ghosh	18901922034	Thandan grown.
ML21	Saumyadip Kayal	18901922086	Saumyadip Kayal
ML22	Ritrisha Adhikary	18901922021	Ritikha Adlaras
ML23	Manoj Kumar	18901922002	Mang Kumar
ML24	Arpita Roy	18901922085	Anpita Roy
ML25	Souvick Maity	18901922100	Souvick Marty
ML26	Oindrila Nag	18901922007	Dindrila Nag
ML27	Rakhi Dhua	18901922018	Rakhi Dhua
ML28	Bishal Das	18901922084	Bishaldes.
ML29	Shreyasi Maiti	18901922103	Shreyasi Maiti
ML30	Akash Routh	18901922010	Akash Routh
ML31	Nayan Dutta	18901922044	Nay an Dutter
ML32	Agnik Khutia	18901922058	Admik Khutia
ML33	Prithwish Ghosh	18901922054	Porth wish Street
ML34	Soumen Khanra	18901922017	Boumen Khanra
ML35	Saikat Biswas	18901922079	Sailnat Biswas.
ML36	Abhijit Ghosh	18901922035	Abhirit Ghooh
ML37	Tanmoy Datta	18901922038	Tanmay Dalta
ML38	Shreya Rout	18901922094	Ohreya Rout
ML39	Subhadip Banerjee	18901922019	Shriege Rout Subrado Baneziee.
ML40	Soumyadip Mahato	18901922074	Soumpadip Mahato
ML41	Sayan Bhattacharyay	18901922020	Sayon Bhattachonyay
ML42	Debleena Ghosh	18901922091	Delelegna Short

Prof. (Dr.) Samir (Umar Samanta M. Pharn., Ph.D (J.U.) M. Pharn., Ph.D (J.U.) Principal Principal Dr.B. C. Roy College of Pharmacy & AHS Durgapur, West Bengal-713206

Collesignature of Faculty

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 14/09/2023

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	Suvajet Bhuria
ML02	Santanu Das	18901922104	Santanu Jas
ML03	Chayanika Kundu	18901922092	Chayanika kundu
ML04	Kushal Saha	18901922088	Keushal Saha
ML06	Suman Jana	18901922081	Suman Lina
ML07	Samadrita Ghosh	18901922015	samaduita Ghosh.
ML08	Samprati Maity	18901922066	Samprati maily
ML09	Surajeet Ghosh	18901922060	Suraseet Ghosh
ML10	Subham Dey	18901922033	Subsecu Der.
ML11	Abhijit Khutia	18901922037	Abhijit kheetia
ML12	Munshi Aman Sahein	18901922036	Munshi Aman Sahe
ML13	Rintu Pal	18901922082	Kinty Pal
ML14	Ayan Mondal	18901922087	Ayam Honde
ML15	Tutun Mandal	18901922003	Tutun mandal
ML17	Ankit Das	18901922090	Mit Day
ML18	Soumyadip Pal	18901922093	Soumachi ral
ML19	Debjit Chakrabarti	18901922075	Debil Chelinson
ML20	Spandan Ghosh	18901922034	Spandon Yhoul.
ML21	Saumyadip Kayal	18901922086	Saumyadik Kaya
ML22	Ritrisha Adhikary	18901922021	Rithisha Adlikam
ML23	Manoj Kumar	18901922002	Manoi Komat
ML24	Arpita Roy	18901922085	Anpita Roy
ML25	Souvick Maity	18901922100	Souvick Maity
ML26	Oindrila Nag	18901922007	sindrila Nag
ML27	Rakhi Dhua	18901922018	Rakhi Dhuat
ML28	Bishal Das	18901922084	Bishaelos.
ML29	Shreyasi Maiti	18901922103	Shreyasi Haiti
ML30	Akash Routh	18901922010	Akash Kouth
ML31	Nayan Dutta	18901922044	
ML32	Agnik Khutia	18901922058	
ML33	Prithwish Ghosh	18901922054	Prithwish Ghosh
ML34	Soumen Khanra	18901922017	
ML35	Saikat Biswas	18901922079	Saikat Biswas
ML36	Abhijit Ghosh	18901922035	A
ML37	Tanmoy Datta	18901922038	Tanmoy Datter
ML38	Shreya Rout	18901922094	Shreya Rout
ML39	Subhadip Banerjee	18901922019	Subhadip Banerjee
ML40	Soumyadip Mahato	18901922074	Soungadip Mahato
ML41	Sayan Bhattacharyay	18901922020	Sayon Bhattachayay
ML42	Debleena Ghosh	18901922091	Deleleera Thorn

Prof. (Dr.) Samb Kumar Samanta

Prof. (Dr.) Samb Kumar Samanta

Prof. (J.U.)

M. Pharm., Ph.D (J.U.)

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College of Phon

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (Al/ML).

Date: 21/09/2023

1erit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	Surapit Pobunia
ML02	Santanu Das	18901922104	Santanu Ders
ML03	Chayanika Kundu	18901922092	Chayanika Kundu
ML04	Kushal Saha	18901922088	kushal Laher
ML06	Suman Jana	18901922081	Suman Jama.
ML07	Samadrita Ghosh	18901922015	Samaduija Chosh-
ML08	Samprati Maity	18901922066	Sampoorti maily
ML09	Surajeet Ghosh	18901922060	suposeet Grhosh.
ML10	Subham Dey	18901922033	Subtain Det.
ML11	Abhijit Khutia	18901922037	A
ML12	Munshi Aman Sahein	18901922036	A .
ML13	Rintu Pal	18901922082	Kintu Pal
ML14	Ayan Mondal	18901922087	Ayon Mondel.
ML15	Tutun Mandal	18901922003	Tutun Mondal
ML17	Ankit Das	18901922090	cernkit Day
ML18	Soumyadip Pal	18901922093	Soumyadip Pal
ML19	Debjit Chakrabarti	18901922075	Debilit Chakraban
ML20	Spandan Ghosh	18901922034	A
ML21	Saumyadip Kayal	18901922086	Saumyadip kaya
ML22	Ritrisha Adhikary	18901922021	Kitrida Adlikani
ML23	Manoj Kumar	18901922002	Mano kymar
ML24	Arpita Roy	18901922085	Appita Rox
ML25	Souvick Maity	18901922100	Sourick Maitz
ML26	Oindrila Nag	18901922007	A
ML27	Rakhi Dhua	18901922018	Rakhi Dhua
ML28	Bishal Das	18901922084	Bishoe Dos.
ML29	Shreyasi Maiti	18901922103	Shreyosi Maiti
ML30	Akash Routh	18901922010	Akash Routh
ML31	Nayan Dutta	18901922044	Nayon Dutta
ML32	Agnik Khutia	18901922058	Agnik Khutia
ML33	Prithwish Ghosh	18901922054	Pathwish Glory
ML34	Soumen Khanra	18901922017	Soumen Khanra
ML35	Saikat Biswas	18901922079	Saikat Biswas
ML36	Abhijit Ghosh	18901922035	Abhirit 6-hash
ML37	Tanmoy Datta	18901922038	Tanmou Data
ML38	Shreya Rout	18901922094	Shreega Rout
ML39	Subhadip Banerjee	18901922019	Subhadip Baneriel
ML40	Soumyadip Mahato	18901922074	
ML41	Sayan Bhattacharyay	18901922020	A
ML42	Debleena Ghosh	18901922091	Deleleena Shorth

Prof. (Dr.) Sallo Kumar Samanta
Prof. (Dr.) Sallo Kumar Samanta
Ph.D. (J.U.)
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Principal
Princip

Signature of Faculty

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

30/10/2023

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	Surgit Rhuma
ML02	Santanu Das	18901922104	Santany Das
ML03	Chayanika Kundu	18901922092	Chayanika Kundu
ML04	Kushal Saha	18901922088	Kushal Sahn
ML06	Suman Jana	18901922081	Suman Jana
ML07	Samadrita Ghosh	18901922015	Samagerita Ghosh
ML08	Samprati Maity	18901922066	Samppari Maily
ML09	Surajeet Ghosh	18901922060	Samaderita Ghosh Sampouri Mairy Survajeet Chosh
ML10	Subham Dey	18901922033	Subham Der.
ML11	Abhijit Khutia	18901922037	Abhijit Kheitra
ML12	Munshi Aman Sahein	18901922036	Munshi Aman Sal
ML13	Rintu Pal	18901922082	Kinty Pal
ML14	Ayan Mondal	18901922087	Agan Hondel.
ML15	Tutun Mandal	18901922003	TIGOTION CONTRACT.
ML17	Ankit Das	18901922090	a Anlit Dan
ML18	Soumyadip Pal	18901922093	Soumyadir Pal
ML19	Debjit Chakrabarti	18901922075	Debit Chelvaloch
ML20	Spandan Ghosh		Spandan ybook.
ML21	Saumyadip Kayal	18901922086	Saumyadi Kayal
ML22	Ritrisha Adhikary	18901922021	Emily Adhiven
ML23	Manoj Kumar	18901922002	Manoj kumar
ML24	Arpita Roy	18901922085	Ampitaron
ML25	Souvick Maity	18901922100	Sourick Maity
ML26	Oindrila Nag	18901922007	A
ML27	Rakhi Dhua		Rakhi Dhua
ML28	Bishal Das	18901922084	A A
ML29	Shreyasi Maiti	18901922103	Shreyou Haiti
ML30	Akash Routh	18901922010	- Sid Cogles Fleari
ML31	Nayan Dutta	18901922044	Nayam Dutto
ML32	Agnik Khutia	18901922058	Agnik khutia
ML33	Prithwish Ghosh		Prithmish ghosh
ML34	Soumen Khanra		
ML35	Saikat Biswas		Saikat Biswas
ML36	Abhijit Ghosh	18901922035	1
ML37	Tanmoy Datta	1000100000	Tanmau Talla
ML38	Shreya Rout	18901922094	Tanmoy Dalla
ML39	Subhadip Banerjee	18901922019	Shreya Rout
ML40	Soumyadip Mahato	18901922074	soumyadip Mahato
ML41	Sayan Bhattacharyay	18901922020	soumyadip Mahato
ML42	Debleena Ghosh		Deleloona Short

Prof. (Dr. Samir Kumar Samanta M. Pharm., Ph.D (J.U.) Principal Principal Dr. B. C. Roy College of Pharmacy & AHS Durgapur, West Bengal-713206

Colle Signature of Faculty

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 02/11/2023

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	Servajet Breenlay
ML02	Santanu Das	18901922104	A
ML03	Chayanika Kundu	18901922092	Chayanika Kundu
ML04	Kushal Saha	18901922088	Kushal Saha
ML06	Suman Jana	18901922081	Surray Jana
ML07	Samadrita Ghosh	18901922015	A
ML08	Samprati Maity	18901922066	samposti maity
ML09	Surajeet Ghosh	18901922060	surviget whosh
ML10	Subham Dey	18901922033	
ML11	Abhijit Khutia	18901922037	Abhijit Khutra
ML12	Munshi Aman Sahein	18901922036	Munish Aman Sah
ML13	Rintu Pal	18901922082	Kinty Pal
ML14	Ayan Mondal	18901922087	Agan Mondel.
ML15	Tutun Mandal	18901922003	Tutun Mandal
ML17	Ankit Das	18901922090	certificat Day
ML18	Soumyadip Pal	18901922093	Soumyadip Pal
ML19	Debjit Chakrabarti	18901922075	A
ML20	Spandan Ghosh	18901922034	A
ML21	Saumyadip Kayal	18901922086	Saumyadik Kayal
ML22	Ritrisha Adhikary	18901922021	Extrisha Adlillary
ML23	Manoj Kumar	18901922002	I. A.
ML24	Arpita Roy	18901922085	Appita Roy
ML25	Souvick Maity	18901922100	Souvick Maity
ML26	Oindrila Nag	18901922007	A
ML27	Rakhi Dhua	18901922018	A
ML28	Bishal Das	18901922084	A
ML29	Shreyasi Maiti	18901922103	Shreepsi Hearti
ML30	Akash Routh	18901922010	Akash Routh
ML31	Nayan Dutta	18901922044	Α.
ML32	Agnik Khutia	18901922058	Agnik Knutsch
ML33	Prithwish Ghosh	18901922054	A
ML34	Soumen Khanra	18901922017	Soumen Khanra
ML35	Saikat Biswas	18901922079	A
ML36	Abhijit Ghosh	18901922035	Abbigit Ghorh
ML37	Tanmoy Datta	18901922038	Tanmoy Datta.
ML38	Shreya Rout	18901922094	Shreyd Rout
ML39	Subhadip Banerjee	18901922019	Subhadip Banezice
ML40	Soumyadip Mahato	18901922074	
ML41	Sayan Bhattacharyay	18901922020	
ML42	Debleena Ghosh	18901922091	Deleleona Ghosh

Prof. (Dr.) Samir Kumar Samanta M. Pharm. 1Ph.D (J.U.) Principal Principal Dr.B. C. Roy College of Pharmacy & AHS Durgapur, West Bengal-713206

Co Signature of Paculty

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Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 04/11/2023 orline class

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	Surgit Phunial
ML02	Santanu Das	18901922104	A
ML03	Chayanika Kundu V	18901922092	chayanika Kundu
ML04	Kushal Saha	18901922088	Kushal Sahar
ML06	Suman Jana	18901922081	A
ML07	Samadrita Ghosh	18901922015	Samadnita Ghosh.
ML08	Samprati Maity	18901922066	A
ML09	Surajeet Ghosh V	18901922060	Surgist Chosh
ML10	Subham Dey	18901922033	Systom Dey.
ML11	Abhijit Khutia 🗸	18901922037	Alphyit Khuetia
ML12	Munshi Aman Sahein V	18901922036	Munshi Aman Sah
ML13	Rintu Pal	18901922082	Kinty Pal
ML14	Ayan Mondal 🗸	18901922087	Agam Mondel.
ML15	Tutun Mandal	18901922003	Thitan Monday
ML17	Ankit Das	18901922090	untit Dar
ML18	Soumyadip Pal	18901922093	3 oungadip pal
ML19	Debjit Chakrabarti	18901922075	
ML20	Spandan Ghosh	18901922034	Saumyady Kayal
ML21	Saumyadip Kayal V	18901922086	Saumyadi Kaya)
ML22	Ritrisha Adhikary	18901922021	Titruska Adhillary
ML23	Manoj Kumar	18901922002	Mano kumal
ML24	Arpita Roy	18901922085	A
ML25	Souvick Maity	18901922100	Sourick Maity
ML26	Oindrila Nag	18901922007	Oindrila Nag
ML27	Rakhi Dhua	18901922018	Malata Shara
ML28	Bishal Das	18901922084	A
ML29	Shreyasi Maiti	18901922103	A
ML30	Akash Routh	18901922010	Ahash Routh
ML31	Nayan Dutta	18901922044	Nayan Dutta
ML32	Agnik Khutia	18901922058	Agnik Knutia
ML33	Prithwish Ghosh	18901922054	A CONTRACTOR
ML34	Soumen Khanra	18901922017	EDWARD KROWPON
ML35	Saikat Biswas	18901922079	Saikat Biswas
ML36	Abhijit Ghosh	18901922035	
ML37	Tanmoy Datta ~	18901922038	Abhigit arhorsh Tanmoy Dalla
ML38	Shreya Rout	18901922094	Shreya Rout
ML39	Subhadip Banerjee	18901922019	Subhadip Banerjee.
ML40	Soumyadip Mahato ~	18901922074	V
ML41	Sayan Bhattacharyay ~	18901922020	Soumyadip Mahato
ML42	Debleena Ghosh	18901922020	
MILITZ	Dedicena Gilosii	10701722071	Deldeena Shoph

Prof. (Dr.) Sahir Kumar Samanta M. Pharm., Ph.D (J.U.) Principal Dr. B. C. Roy College of Pharmacy & AHS Durgapur, West Bengal-713206

Colle Signature of Faculty

Durgan, Ja

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 06/11/2023

NAME		
Suvajit Bhunia	ROLL NO	Attendance
Santanu Das	18901922102	Surgit Rhunia
		Santonu Jas
Kushal Saha		Chayanika Kundu
		A
		Sumanifa Gihosh.
		samadrita Gihosh.
		samposati maity
Subham Dev		Suraseet Colonela
Abhiiit Khutia	18901922033	Subham Dey.
Munshi Aman Sahein		Howell Khuten
	18901922036	Munshi Aman Sal
		VINHI BOX
Tutun Mandal	18901922087	Agan Mondel
	18901922003	A
	18901922090	combit Das
Debiit Chalmaharti		A 6
Spandan Charle		Debit Chakrabas
Spandan Gnosh	18901922034	spandom yhoal.
Pituicha Addid		A Town.
Kitrisha Adhikary	18901922021	Etriska Adlukam
	10901922002	Mand kumal
	18901922085	Annita Roy
	18901922100	Anpita Roy Souvick Maity
Oindrila Nag	10901922007 6	andrila Nag
	18901922018	Rabhi Ohia
	10001000	trishac Bas.
Shreyasi Maiti	1000100	Shreeyan Maidi
		Shi cayona Platon
	1000	Nayan Dulta.
Agnik Khutia		Amy Kunta
	18901922054 P	ignik knutia nithwish yhosh
	18901922017	rithwish yhosh
Saikat Biswas		oumen Khonra
Abhijit Ghosh	18901922035	aikat Biswas
Tanmoy Datta	18901922033	punity pholor
	10001022038	Tanmoy Datta.
		Shreya Rout
		Subbladip Bonerice
Sayan Bhattacharvay		A
	18901922020 30	you Bhottechongay
	Chayanika Kundu Kushal Saha Suman Jana Samadrita Ghosh Samprati Maity Surajeet Ghosh Subham Dey Abhijit Khutia Munshi Aman Sahein Rintu Pal Ayan Mondal Tutun Mandal Ankit Das Soumyadip Pal Debjit Chakrabarti Spandan Ghosh Saumyadip Kayal Ritrisha Adhikary Manoj Kumar Arpita Roy Souvick Maity Oindrila Nag Rakhi Dhua Bishal Das Shreyasi Maiti Akash Routh Nayan Dutta Agnik Khutia Prithwish Ghosh Soumen Khanra Saikat Biswas	Santanu Das

Prof. (Dr.) Santir Kumar Samanta
Prof. (Dr.) Santir Kumar Samanta
M. Pharth., Ph.D (J.U.)
Principal
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Principal
Dr.B. C. Roy College of Pharmacy & AHS
Durgapur, West Bengal-713206

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Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date:

09/11/2023

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	A
ML02	Santanu Das	18901922104	A
ML03	Chayanika Kundu		Chayanika kundu
ML04	Kushal Saha	18901922088	Kushal Saha
ML06	Suman Jana	18901922081	suman Jana
ML07	Samadrita Ghosh	18901922015	A
ML08	Samprati Maity	18901922066	A
ML09	Surajeet Ghosh	18901922060	A
ML10	Subham Dey	18901922033	<u></u>
ML11	Abhijit Khutia	18901922037	A
ML12	Munshi Aman Sahein	18901922036	Munshi Aman Sahei
ML13	Rintu Pal	18901922082	Kinty Pal
ML14	Ayan Mondal	18901922087	Agam Mondel.
ML15	Tutun Mandal	18901922003	A
ML17	Ankit Das	18901922090	A
ML18	Soumyadip Pal	18901922093	A
ML19	Debjit Chakrabarti	18901922075	A
ML20	Spandan Ghosh	18901922034	
	Saumyadip Kayal	18901922086	A
ML21	Ritrisha Adhikary	18901922021	A
ML22	Manoj Kumar	18901922002	A
ML23	Arpita Roy	18901922085	Ampita Roy
ML24	Souvick Maity	18901922100	, Y a
ML25	Oindrila Nag	18901922007	A
ML26	Rakhi Dhua	18901922018	
ML27	Bishal Das	18901922084	
ML28	Shreyasi Maiti	18901922103	
ML29	Akash Routh	18901922010	
ML30	Nayan Dutta	1890192204	
ML31	Agnik Khutia	1890192205	•//
ML32	Prithwish Ghosh	1890192205	
ML33	Soumen Khanra	1890192201	
ML34	Saikat Biswas	1890192207	
ML35		1890192203	1/
ML36	Abhijit Ghosh	1890192203	
ML37	Tanmoy Datta	1890192209	4 A
ML38	Shreya Rout	1890192201	
ML39	Subhadip Banerjee	1890192207	
ML40	Soumyadip Mahato	1890192202	
ML41	Sayan Bhattacharyay	1890192209	1. 4.1
ML42	Debleena Ghosh	1890192209	Denling draw

Prof. (Dr.) Samir Kumar Samanta
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Pharms Signature of Faculty

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 23/11/2023

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	Surget Bhunia
ML02	Santanu Das	18901922104	Santanu Das enaganika Kundu
ML03	Chayanika Kundu		
ML04	Kushal Saha	18901922088	Kushal Saha
ML06	Suman Jana	18901922081	Suman Jana
ML07	Samadrita Ghosh	18901922015	A
ML08	Samprati Maity	18901922066	Samprouti mouty
ML09	Surajeet Ghosh	18901922060	Surajeet Ghosh
ML10	Subham Dey	18901922033	A
ML11	Abhijit Khutia	18901922037	A
ML12	Munshi Aman Sahein	18901922036	A
ML13	Rintu Pal	18901922082	Kintu Pal
ML14	Ayan Mondal	18901922087	Ayan Mondel.
ML15	Tutun Mandal	18901922003	Tatun Monday
ML17	Ankit Das	18901922090	confort Day
ML18	Soumyadip Pal	18901922093	Soumgadif Pal
ML19	Debjit Chakrabarti	18901922075	Debit Cherkinson
ML20	Spandan Ghosh	18901922034	A
ML21	Saumyadip Kayal	18901922086	Saumyadip Kaya
ML22	Ritrisha Adhikary	18901922021	A
ML23	Manoj Kumar	18901922002	Money Kumer
ML24	Arpita Roy	18901922085	Appita Rox
ML25	Souvick Maity	18901922100	Souvick Maily
ML26	Oindrila Nag	18901922007	oindrila Nag
ML27	Rakhi Dhua	18901922018	Rakhi Dhua
	Bishal Das	18901922084	A
ML28	Shreyasi Maiti	18901922103	Shreyasi Maiti
ML29	Akash Routh	18901922010	
ML30	Nayan Dutta	18901922044	
ML31	Agnik Khutia	18901922058	A
ML32	Prithwish Ghosh	18901922054	10 A P (711 - D
ML33	Soumen Khanra	18901922017	
ML34	Saikat Biswas	18901922079	
ML35	Abhijit Ghosh	18901922035	
ML36	Tanmoy Datta	18901922038	
ML37	Shreya Rout	18901922094	
ML38	Subhadip Banerjee	18901922019	
ML39		18901922074	1.1
ML40	Soumyadip Mahato	1890192207	
ML41	Sayan Bhattacharyay	18901922020	
ML42	Debleena Ghosh	1890192209	Tempor Timor

Prof. (Dr.) Semin Kumar Samanta
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M. Pharm., Ph.D (J.U.)
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Signature of Faculty

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 30/11/2023

NAME	ROLL NO	Attendance
Suvajit Bhunia	18901922102	Surget Bhunin
Santanu Das	18901922104	Santanu Das.
Chayanika Kundu	18901922092	Chayanika Kundu
Kushal Saha	18901922088	Kushal Saha
Suman Jana	18901922081	Suman Java
Samadrita Ghosh	18901922015	A
Samprati Maity	18901922066	Samproali Maity
Surajeet Ghosh	18901922060	SURAJEET GHOSH
Subham Dey	18901922033	Subham Dex.
Abhijit Khutia	18901922037	A
Munshi Aman Sahein	18901922036	A_{\bullet}
Rintu Pal	18901922082	Kinty Pal
Ayan Mondal	18901922087	Ayan Mondel.
Tutun Mandal	18901922003	A
Ankit Das	18901922090	A
Soumyadip Pal	18901922093	Soungadip Pal
Debjit Chakrabarti	18901922075	Debit Chakraschi
Spandan Ghosh	18901922034	A
Saumyadip Kayal	18901922086	Saumyadip Kayal
Ritrisha Adhikary	18901922021	Retrisha Adliwary
Manoj Kumar	18901922002	A
Arpita Roy	18901922085	Ampita Roy
	18901922100	Souvick Mait
	18901922007	Dindrila Nag
Rakhi Dhua	18901922018	Rachi Ohia
Bishal Das	18901922084	A
Shreyasi Maiti	18901922103	Shreyasi Maiti
Akash Routh	18901922010	
Nayan Dutta	18901922044	A
	18901922058	Agnik Knyta
Prithwish Ghosh	18901922054	A
Soumen Khanra	18901922017	Soumen Khanra
Saikat Biswas	18901922079	Saikat Biswas
	18901922035	Abhirst Ghash
		A
		Shreya Rout
		Subhadip Bane 818e
		Soumradio Mahata
		Soyon Bhottoch onyoy
Debleena Ghosh	18901922091	Deldoena Shark
	Santanu Das Chayanika Kundu Kushal Saha Suman Jana Samadrita Ghosh Samprati Maity Surajeet Ghosh Subham Dey Abhijit Khutia Munshi Aman Sahein Rintu Pal Ayan Mondal Tutun Mandal Ankit Das Soumyadip Pal Debjit Chakrabarti Spandan Ghosh Saumyadip Kayal Ritrisha Adhikary Manoj Kumar Arpita Roy Souvick Maity Oindrila Nag Rakhi Dhua Bishal Das Shreyasi Maiti Akash Routh Nayan Dutta Agnik Khutia Prithwish Ghosh Soumen Khanra Saikat Biswas Abhijit Ghosh Tanmoy Datta Shreya Rout Subhadip Banerjee Soumyadip Mahato Sayan Bhattacharyay	Santanu Das 18901922104 Chayanika Kundu 18901922092 Kushal Saha 18901922081 Suman Jana 18901922015 Samadrita Ghosh 18901922066 Surajeet Ghosh 18901922060 Subham Dey 18901922033 Abhijit Khutia 18901922037 Munshi Aman Sahein 18901922036 Rintu Pal 18901922082 Ayan Mondal 18901922087 Tutun Mandal 18901922003 Ankit Das 18901922003 Soumyadip Pal 18901922003 Debjit Chakrabarti 18901922003 Spandan Ghosh 18901922003 Saumyadip Kayal 18901922034 Saumyadip Kayal 18901922034 Saumyadip Kayal 18901922005 Manoj Kumar 18901922002 Arpita Roy 18901922002 Arpita Roy 18901922002 Arpita Roy 18901922007 Rakhi Dhua 18901922007 Rakhi Dhua 18901922007 Rakhi Dhua 18901922008

Prof. (Dr. Sahil-Kumar Samanta Prof. (Dr. Sahil-Kumar Samanta Ph. D. (J.U.) M. Pharm., Ph.D (J.U.) Principal Dr. B. C. Roy College of Pharmacy & AHS Durgapur, West Bengal-743206

Signature of Faculty

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 04/2/2023

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	Surgit Bhunia.
ML02	Santanu Das	18901922104	Santanu Was
ML03	Chayanika Kundu	18901922092	Chayanika Kundu
ML04	Kushal Saha	18901922088	Kuhal Saha
ML06	Suman Jana	18901922081	Sugar Java
ML07	Samadrita Ghosh	18901922015	Samadrita Ghosh.
ML08	Samprati Maity	18901922066	A vinesii.
ML09	Surajeet Ghosh	18901922060	Surgicet Ghosh
ML10	Subham Dey	18901922033	A
ML11	Abhijit Khutia	18901922037	A
ML12	Munshi Aman Sahein	18901922036	A
ML13	Rintu Pal	18901922082	Kinty Pal
ML14	Ayan Mondal	18901922087	Ayan Mondel.
ML15	Tutun Mandal	18901922003	July Views
ML17	Ankit Das	18901922090	À.
ML18	Soumyadip Pal	18901922093	Soumyadip pal
ML19	Debjit Chakrabarti	18901922075	0 1
ML20	Spandan Ghosh	18901922034	A
ML21	Saumyadip Kayal	18901922086	^
ML22	Ritrisha Adhikary	18901922021	7
ML23	Manoj Kumar	18901922002	A
ML24	Arpita Roy	18901922085	Anpita Rox
ML25	Souvick Maity	18901922100	Ampita Roy Sourick Marty
ML26	Oindrila Nag	18901922007	1
ML27	Rakhi Dhua	18901922018	7
ML28	Bishal Das	18901922084	Bishor Dos.
ML29	Shreyasi Maiti	18901922103	Shreyasi Maiti
ML30	Akash Routh	18901922010	Shrieyasi Maiti
ML31	Nayan Dutta	18901922044	A
ML32	Agnik Khutia	18901922058	7
ML33	Prithwish Ghosh	18901922054	7
ML34	Soumen Khanra	18901922017	n
ML35	Saikat Biswas	18901922079	The state of the s
ML36	Abhijit Ghosh	18901922079	Abhirit ahosh
ML37	Tanmoy Datta	18901922038	
ML38	Shreya Rout	18901922094	Tanmay Datta Spreyal Rout
ML39	Subhadip Banerjee	18901922019	Shreyau Kout
ML40	Soumyadip Mahato	18901922074	Comment had been here
ML41	Sayan Bhattacharyay	18901922020	Sounyadip Mahato
ML42			all A
IVIL42	Debleena Ghosh	18901922091	Deleleena Shooh

Prof. (Dr.) Sammer Samanta
Prof. (Dr.) Sammer Samanta
Prof. (Dr.) Sammer Samanta
Principal
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Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 07/12/2023

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	Surget Bhunial
ML02	Santanu Das	18901922104	Santanu Das
ML03	Chayanika Kundu	18901922092	Chayanika Kundu
ML04	Kushal Saha	18901922088	4
ML06	Suman Jana	18901922081	A
ML07	Samadrita Ghosh	18901922015	Samadrita Ghosh.
ML08	Samprati Maity	18901922066	samprah maits.
ML09	Surajeet Ghosh	18901922060	Surajeet Chash
ML10	Subham Dey	18901922033	A
MLII	Abhijit Khutia	18901922037	A
ML12	Munshi Aman Sahein	18901922036	Munshi Aman Sa
ML13	Rintu Pal	18901922082	Kinty 1al
ML14	Ayan Mondal	18901922087	Ayam Mondel.
ML15	Tutun Mandal	18901922003	A
ML17	Ankit Das	18901922090	A
ML18	Soumyadip Pal	18901922093	Debilt Chekrabah
ML19	Debjit Chakrabarti	18901922075	DESTIT CHERTUSE.
ML20	Spandan Ghosh	18901922034	A Legisal
ML21	Saumyadip Kayal	18901922086	Saumyadir Kayal
ML22	Ritrisha Adhikary	18901922021	A
ML23	Manoj Kumar	18901922002	A NA
ML24	Arpita Roy	18901922085	Ampita Roy
ML25	Souvick Maity	18901922100	A O
ML26	Oindrila Nag	18901922007	<u> </u>
ML27	Rakhi Dhua	18901922018	A A
ML28	Bishal Das	18901922084	
ML29	Shreyasi Maiti	18901922103	
ML30	Akash Routh	18901922010	
ML31	Nayan Dutta	18901922044	
ML32	Agnik Khutia	18901922058	A
ML33	Prithwish Ghosh	18901922054	A
the same of the sa	Soumen Khanra	18901922017	
ML34	Saikat Biswas	18901922079	
ML35	Abhijit Ghosh	18901922035	Abhirit Ghosh
ML36	Tanmoy Datta	18901922038	Tanmoy Datta
ML37	Shreya Rout	18901922094	Shreya—Rout
ML38	Subhadip Banerjee	18901922019	A
ML39	Soumyadip Mahato	1890192207	Soumpadio Mahato
ML40	Sayan Bhattacharyay	1890192202) Boy on Bhattachony oy
ME41		1890192209	- 11 60 1
ML42	Debleena Ghosh	10701.200	4

Prof. (Dr.) Samil Kumar Samanta M. Pharm., Ph.D (J.U.) Principal Dr.B. C. Roy College of Pharmacy & AHS Durgapur, West Bengal-713206

Signature of Faculty

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Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (Al/ML).

Date: 12/12/2023

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	Surgit Bhum'as
ML02	Santanu Das	18901922104	Santana Das
ML03	Chayanika Kundu	18901922092	chayanika Kundu
ML04	Kushal Saha	18901922088	Kurtal Saha
ML06	Suman Jana	18901922081	Suman Java.
ML07	Samadrita Ghosh	18901922015	samadouta Gchosh.
ML08	Samprati Maity	18901922066	Samprati Maiter
ML09	Surajeet Ghosh	18901922060	Surajeret ahosh
ML10	Subham Dey	18901922033	4
ML11	Abhijit Khutia	18901922037	A
ML12	Munshi Aman Sahein	18901922036	Munshi Aman Sahe
ML13	Rintu Pal	18901922082	Kinty Pal
ML14	Ayan Mondal	18901922087	Ayan Mondel.
ML15	Tutun Mandal	18901922003	J A
ML17	Ankit Das	18901922090	wAnket Das
ML18	Soumyadip Pal	18901922093	A
ML19	Debjit Chakrabarti	18901922075	Debit Chekrabah
ML20	Spandan Ghosh	18901922034	A
ML21	Saumyadip Kayal	18901922086	Saumyadir Kayal
ML22	Ritrisha Adhikary	18901922021	A. 3
ML23	Manoj Kumar	18901922002	A
ML24	Arpita Roy /	18901922085	Ampita Roy
ML25	Souvick Maity	18901922100	AU
ML26	Oindrila Nag	18901922007	Dindrila Nag
ML27	Rakhi Dhua	18901922018	Rakhi Shua
ML28	Bishal Das	18901922084	A
ML29	Shreyasi Maiti	18901922103	A
ML30	Akash Routh	18901922010	Akash Routh
ML31	Nayan Dutta	18901922044	A
100 100	Agnik Khutia	18901922058	A
ML32	Prithwish Ghosh	18901922054	A
ML33	Soumen Khanra	18901922017	Soumen Kharra
ML34	Saikat Biswas	18901922079	A
ML35		18901922035	Abhirpit Chash
ML36	Abhijit Ghosh	18901922038	Tanmoy Data
ML37	Tanmoy Datta	18901922094	Shneya Rout
ME38	Shreya Rout	18901922019	Subhadif Banerice
ME39	Subhadip Banerjee	18901922074	
ML40	Soumyadip Mahato	18901922074	
ML41	Sayan Bhattacharyay	the second section will be a second section and the second section and the second section is a second section of the second section and the second section is a second section of the second section s	
ML42	Debleena Ghosh	18901922091	Delileena Shorsh

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College of Pharmage

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 14/12/2023

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	Suraist Bhunia
ML02	Santanu Das	18901922104	Santanu das
ML03	Chayanika Kundu	18901922092	Chayanika Kundu
ML04	Kushal Saha	18901922088	Kushal Saha
ML06	Suman Jana	18901922081	Suman Jana
ML07	Samadrita Ghosh	18901922015	samadnity Gihosh
ML08	Samprati Maity	18901922066	sampratimaty
ML09	Surajeet Ghosh	18901922060	Surayeet Ghosh
ML10	Subham Dey	18901922033	A
ML11	Abhijit Khutia	18901922037	A
ML12	Munshi Aman Sahein	18901922036	Munshi Aman Sah
ML13	Rintu Pal	18901922082	Kinky Pal
ML14	Ayan Mondal	18901922087	Ayan Mondel.
ML15	Tutun Mandal	18901922003	A A
ML17	Ankit Das	18901922090	whit Day
ML18	Soumyadip Pal	18901922093	A
ML19	Debjit Chakrabarti	18901922075	Debjit Chalvabarti
ML20	Spandan Ghosh	18901922034	A
ML21	Saumyadip Kayal	18901922086	Saumyadir Kayal
ML22	Ritrisha Adhikary	18901922021	Sun inguage Rugar
ML23	Manoj Kumar	18901922002	Δ
ML24	Arpita Roy	18901922085	AmpitaRox
ML25	Souvick Maity	18901922100	The Price of
ML26	Oindrila Nag	18901922007	Oindrila Nag
ML27	Rakhi Dhua	18901922018	Rakhi Dhua
ML28	Bishal Das	18901922084	Bishoraes.
ML29	Shreyasi Maiti	18901922103	Shreyasi Maiti
ML30	Akash Routh	18901922010	
ML31	Nayan Dutta	18901922044	Akash Routh
ML32	Agnik Khutia	18901922058	\overrightarrow{n}
ML33	Prithwish Ghosh	18901922054	7
ML34	Soumen Khanra	18901922017	P
ML35	Saikat Biswas	18901922079	Soumen Khanpa
ML36			<u> </u>
ML37	Abhijit Ghosh Tanmoy Datta	18901922035	A
ML38	· · · · · · · · · · · · · · · · · · ·	18901922038	Tanmoy Data
ML39	Shreya Rout	18901922094	Shreya Rout
ML40	Subhadip Banerjee	18901922019	I ul hadip Banerjee
ML41	Soumyadip Mahato	18901922074	Sownyadip Mahato
	Sayan Bhattacharyay	18901922020	Soyon Bhattachonyay
ML42	Debleena Ghosh	18901922091	Deleloona Ghosh

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Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 20/12/2023

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	Surajet Bhunia
ML02	Santanu Das	18901922104	Α
ML03	Chayanika Kundu	18901922092	Chayanike kundu
ML04	Kushal Saha	18901922088	Kushal Saha
ML06	Suman Jana	18901922081	Suman Jana
ML07	Samadrita Ghosh	18901922015	A
ML08	Samprati Maity	18901922066	A
ML09	Surajeet Ghosh	18901922060	Surajoet Ghosh
ML10	Subham Dey	18901922033	A
ML11	Abhijit Khutia	18901922037	A
ML12	Munshi Aman Sahein	18901922036	Α.
ML13	Rintu Pal	18901922082	Kinty Pal.
ML14	Ayan Mondal	18901922087	A
ML15	Tutun Mandal	18901922003	A
ML17	Ankit Das	18901922090	Anlit-Day
ML18	Soumyadip Pal	18901922093	Soumpadip Pal
ML19	Debjit Chakrabarti	18901922075	0 A
ML20	Spandan Ghosh	18901922034	A
ML21	Saumyadip Kayal	18901922086	A
ML22	Ritrisha Adhikary	18901922021	Α
ML23	Manoj Kumar	18901922002	. A
ML24	Arpita Roy	18901922085	Ampita Roy Dindrila Nag
ML25	Souvick Maity	18901922100	- A 0
ML26	Oindrila Nag	18901922007	Dindrila Naa
ML27	Rakhi Dhua	18901922018	Ad
ML28	Bishal Das	18901922084	A
ML29	Shreyasi Maiti	18901922103	A
ML30	Akash Routh	18901922010	А
ML31	Nayan Dutta	18901922044	Α
ML32	Agnik Khutia	18901922058	·A
ML33	Prithwish Ghosh	18901922054	A
ML34	Soumen Khanra	18901922017	A
ML35	Saikat Biswas	18901922079	A
ML36	Abhijit Ghosh	18901922035	A
ML37	Tanmoy Datta	18901922038	À'
ML38	Shreya Rout	18901922094	A
ML39	Subhadip Banerjee	18901922019	Subhadip Banerjee
ML40	Soumyadip Mahato	18901922074	H H
ML41	Sayan Bhattacharyay	18901922020	Bayam Bhattechonya
ML42	Debleena Ghosh	18901922091	Deleleena Thosh

Prof. (Dr.) Samwumar Samanta M. Pharm., Ph.D (J.U.) Principal Dr.B.C. Roy College of Pharmacy & AHS Durgapur, West Bengal-713206 20/12/2013
Se of Pharmaco

Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 09/10/2023

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	10,011	Surget Bhunea
ML02	Santanu Das	18901922104	Santana Dors
ML03	Chayanika Kundu	18901922092	Chayamika Kundu
ML04	Kushal Saha	18901922088	Kushal Sahen
ML06	Suman Jana	18901922081	Suman Java.
ML07	Samadrita Ghosh	18901922015	Samaduita Gehosh.
ML08	Samprati Maity	18901922066	Samprari Maity
ML09	Surajeet Ghosh	18901922060	Suraject Cinosh
ML10	Subham Dey	18901922033	Subjoin Set.
ML11	Abhijit Khutia	18901922037	Abhyit Khutta
ML12	Munshi Aman Sahein	18901922036	Munshi Aman Sahe
ML13	Rintu Pal	18901922082	Kinty Pal
ML14	Ayan Mondal	18901922087	Ayam Mondel.
ML15	Tutun Mandal	18901922003	Tutun mandu
ML17	Ankit Das	18901922090	ieAnkit Day
ML18	Soumyadip Pal	18901922093	Soumyady Pal
ML19	Debjit Chakrabarti	18901922075	Debsil Walards all
ML20	Spandan Ghosh	18901922034	Spandan yhook.
ML21	Saumyadip Kayal	18901922086	Saumyadik Kayal
ML22	Ritrisha Adhikary	18901922021	Rithis ha Admikany
ML23	Manoj Kumar	18901922002	Manoj kumal
ML24	Arpita Roy	18901922085	Appita Roy
ML25	Souvick Maity	18901922100	Souvick Maity
ML26	Oindrila Nag	18901922007	Oindrila Nag
ML27	Rakhi Dhua	18901922018	Rakhi Dhuk
ML28	Bishal Das	18901922084	Bishar Bos
ML29	Shreyasi Maiti	18901922103	A
ML30	Akash Routh	18901922010	
ML31	Nayan Dutta	18901922044	Nayan Duta
ML32	Agnik Khutia	18901922058	Agnik knutia
ML33	Prithwish Ghosh	18901922054	Prithwish Sthosen
ML34	Soumen Khanra	18901922017	Soumen Khanra
ML35	Saikat Biswas	18901922079	
ML36	Abhijit Ghosh	18901922035	
- ML37	Tanmoy Datta	18901922038	
ML38	Shreya Rout	18901922094	
ML39	Subhadip Banerjee	18901922019	
ML40	Soumyadip Mahato	18901922074	A
ML41	Sayan Bhattacharyay	18901922020	A
ML42	Debleena Ghosh	18901922091	1 6 0

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Dr. B. C. Roy College of Pharmacy & AHS

Durgapur, West Benyal-713206

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Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	Surafet Bhunea
ML02	Santanu Das	18901922104	Santanu 798
ML03	Chayanika Kundu	18901922092	Chayanika Kundu
ML04	Kushal Saha	18901922088	Kushal Saha
ML06	Suman Jana	18901922081	Suman Jana
ML07	Samadrita Ghosh	18901922015	Samadrita Ghosh
ML08	Samprati Maity	18901922066	Somprati maity
ML09	Surajeet Ghosh	18901922060	Surgest Chosh
ML10	Subham Dey	18901922033	A
MLII	Abhijit Khutia	18901922037	Α.
ML12	Munshi Aman Sahein	18901922036	munshi Aman Sah
ML13	Rintu Pal	18901922082	Rinty Oak
ML14	Ayan Mondal	18901922087	Agam Mondel,
ML15	Tutun Mandal	18901922003	Tutun Mom lal
ML17	Ankit Das	18901922090	estalet Das
ML18	Soumyadip Pal	18901922093	Soumjadip Pal
ML19	Debjit Chakrabarti	18901922075	JA
ML20	Spandan Ghosh	18901922034	A
ML21	Saumyadip Kayal	18901922086	Saumyadip Kayal
ML22	Ritrisha Adhikary	18901922021	Rifeishe Adlinkam
ML23	Manoj Kumar	18901922002	Manoj Kumaz
ML24	Arpita Roy	18901922085	Anpita Roy
ML25	Souviek Maity	18901922100	Souvich Meity
ML26	Oindrila Nag	18901922007	Oindrila Nag
ML27	Rakhi Dhua	18901922018	Rakhi Dhea
ML28	Bishal Das	18901922084	Bishal Does.
ML29	Shreyasi Maiti	18901922103	Shreepsi Maiti
ML30	Akash Routh	18901922010	Akash Routh
ML31	Nayan Dutta	18901922044	A
ML32	Agnik Khutia	18901922058	A
ML33	Prithwish Ghosh	18901922054	A
ML34	Soumen Khanra	18901922017	Lownen Khanpa
ML35	Saikat Biswas	18901922079	A
ME36	Abhijit Ghosh	18901922035	Abhirit Ghosh
ML37	Tanmoy Datta	18901922038	Tanmoy Datta
ML38	Shreya Rout	18901922094	Shrena Rout
ML39	Subhadip Banerjee	18901922019	suchadip Banene
ML40	Soumyadip Mahato	18901922074	Soummedia Maharo
ML4j	Sayan Bhattacharyay	18901922020	Sayon Bhattachongey
ML42	Debleena Ghosh	18901922091	
101 L48	Degreefia Gilosii	18301222071	Deleleena Shooh
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M. Pharm., Ph.D. (J.U.)

Dr.B. C. Roy College of Pharmacy & AHS

Durgapur, West Bengal-713206

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Course Name: Basis programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

Date: 29/01/2024

Theory Exam.

Merit List Rank	NAME	ROLL NO	Attendance
ML01	Suvajit Bhunia	18901922102	Surafit Bhunia
ML02	Santanu Das	18901922104	Sartanu zas
ML03	Chayanika Kundu	18901922092	Chayanika Kundu
ML04	Kushal Saha	18901922088	Kushal Saha
ML06	Suman Jana	18901922081	Suman Java
ML07	Samadrita Ghosh	18901922015	Samadrita Gihosh.
ML08	Samprati Maity	18901922066	Samprati Maity
ML09	Surajeet Ghosh	18901922060	Surveyet Chosh
ML10	Subham Dey	18901922033) A
ML11	Abhijit Khutia	18901922037	A
ML12	Munshi Aman Sahein	18901922036	Mun Shi, Aman Sal
ML13	Rintu Pal	18901922082	Kintu Pal
ML14	Ayan Mondal	18901922087	-Ayan Mondel.
ML15	Tutun Mandal	18901922003	Turum mondal
ML17	Ankit Das	18901922090	centit-Day
ML18	Soumyadip Pal	18901922093	Soumyadip pal
ML19	Debjit Chakrabarti	18901922075	O A I
ML20	Spandan Ghosh	18901922034	A
ML21	Saumyadip Kayal	18901922086	Saumyadip kayal
ML22	Ritrisha Adhikary	18901922021	Pidrisha Adlu Kom
ML23	Manoj Kumar	18901922002	Manoj Kuman
ML24	Arpita Roy	18901922085	Anpita Roy
ML25	Souvick Maity	18901922100	Souvick Maity
ML26	Oindrila Nag	18901922007	Bindrila Nag
ML27	Rakhi Dhua	18901922018	Rakhi Dhua
ML28	Bishal Das	18901922084	Bishal Dos.
ML29	Shreyasi Maiti	18901922103	Shroeyasi Maiti
ML30	Akash Routh	18901922010	Aleash Routh
ML31	Nayan Dutta	18901922044	Access
ML32	Agnik Khutia	18901922058	A
ML33	Prithwish Ghosh	18901922054	7
ML34	Soumen Khanra	18901922017	Soymen Khonra
ML35	Saikat Biswas	18901922079	JOHNEN KNOMPO
ML36	Abhijit Ghosh		ner int ed not
ML37	Tanmoy Datta	18901922038	Abhuzit Ghosh
	Shreya Rout	18901932094	Janmoy Datta Shroeya Rout
ML38	Subhadip Banerjee	18901922019	Subhade's Baneriee
ML39	Subnadip Banerjee Soumyadip Mahato	18901922074	
ML40		The state of the s	Soumradip Mahato
ML41	Sayan Bhattacharyay	18901922020	Sayan Bhatacheryay
ML42	Debleena Ghosh	18901922091	Delelina & Thanh
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Prof. (Dr.) Samily Ph.P (J.U.)
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Durgapur, West Bengal-713206

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Dr. B. C. Roy College of Pharmacy & AHS, Durgapur

Course Name: Basic Programming with Python and its application in database management, artificial intelligence and machine learning(AI/ML).

Exam Date: 29/01/2024

F.M:60	Time: 1.30 Hr

General Instructions: Question paper contains three groups A, B and C. Group A contains MCQ type questions with 1 marks each. Group B contains short answer type questions with 3 marks each and in Group C, you have to write Python program, carries 5 marks each.

A. choose the most appropriate answer from the options given below

1. Which type of Programming does	Python support?
a) object-oriented programming	b) structured programmin
c) functional programming	d) all of the mentioned

- 2. Is Python case sensitive when dealing with identifiers?a) nob) yesc) machine dependentd) none of the mentioned
- 3. Is Python code compiled or interpreted?

 a) Python code is both compiled and interpreted
 b) Python code is neither compiled nor interpreted
 c) Python code is only compiled
 d) Python code is only interpreted
- 4. What will be the value of the following Python expression?

 4 + 3 % 5

 a) 7 b) 2 c) 4 d) 1
- 5. Which of the following is used to define a block of code in Python language?

 a) Indentation b) Key c) Brackets d) All of the mentioned
- 6. Which of the following character is used to give single-line comments in Python?

 a) // b) # c)! d) /*
- 7. What are the values of the following Python expressions?

 2**(3**2)
 (2**3)**2
 2**3**2
 a) 512, 64, 512
 b) 512, 512, 512
 c) 64, 512, 64
 d) 64, 64, 64
- 8. What will be the output of the following code snippet?
 a = 3
 b = 1
 print(a, b)
 a, b = b, a
 print(a, b)
 a) 3 1 1 3 b) 1 3 3 1 c) 1 1 3 3 d) none of these
- 9. Which of the following declarations is incorrect in python language?
 - a) xyzp = 5000000 b) x y z p = 5000 6000 7000 8000 c) x,y,z,p = 5000,6000,7000,8000 d) x y z p = 5000,000

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Principal
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10. print("javatpoint"[5:]) What will be the output of this code? d) None of these a) Javatpoint b) java c) point 11. a = Trueb = Falsec = Falseif a or b and c: print ("ABC") else: print ("abc") d) abc ABC c) ABC abc a) abc b) ABC 12. Which of the following is the truncation division operator in Python? d) % c) / a) | b) // 13. What will be the output: a="10" b="20" c=a+bprint(c) b) 1020 c) 2010 d) none of these a) 30 14. How many times will Python execute the code inside the following while loop? i = 0while i < 0 and i > 2: print ("Hello ...") i = i+1c) 2 times d) infinite times a) 0 times b) 1 times 15. Extension of python file is: a) .python d) None of these c) .prog b) .py B. Answer the following questions: 1. Write the difference between: (a) = and == (b) "and" and "or" (c) / and // (d) * and ** 2. Rewrite the following for loop into while loop: for a in range(25,500,25): print(a) 3. What is the significance of "else" in loop explain with example. 4. How many return statement can be used in a function? Explain with example. 5. Explain actual and formal arguments with example.

6. Write Python code to create a Dictionary and display the length of the dictionary.

7. What is the output of the following?

8. what will be the output if value of a is 5

```
def sum(a):
    a=a+10
    print(a)

a=int(input("enter a number"))
sum(a)
print(a)
```

9. Write python code to input a string and print the first and last character of it.

```
10. What will be the output?
  for x in range(6):
    print(x)
  else:
    print("Finally finished!")
```

C. Write python program for the following:

1. Cost of an apple is Rs. 10 and Mango is Rs. 8. You have purchased m and n number of Apples and Mangoes. You will get a discount of 2% if your purchase amount is more than Rs. 5000. Write a program to input the value of m and n and display the purchase amount, discount and net payable amount.

d) none of the mentioned

- 2. Input any 10 numbers in a list and display the maximum element.
- 3. Display the sum of all the numbers between 1 to 100 which are divisible by both 3 and 7.



Prof. (Dr. Sale Kumar Samanta M. Pharm., Ph.D (J.U.) Principal Dr.B. C. Roy College of Pharmacy & AHS Durgapur, West Bengal-713206

Dr. B. C. Roy College of Pharmacy & AHS, Durgapur

Course name: Basic Programming with Python and its Application in Database Management, artificial intelligence and machine learning (AI/ML)

Exam Date: 19.09.2024

FM: 50

(A) Answer any 8 questions (each contains 5 marks)

- (a) How will you import Pandas and Numpy in Jupyter Notebook (write the commands only)?
 (b) ls=[1,2,3,4,5,6], convert this list to a Numpy array with a command and save that array as a. Remove the first element from this array and save as new_a. Convert new_a to a listnamed new ls.2+3
- 2. (a) There is a .csv file named 'sample.csv' with numbers that looks like:

	A
34	
9	
12	
11	
7	

Import this .csv file as Numpy array and save as csv array.

- (b) ls=[4,5,6,7]. Convert this to a Numpy array, save as a and change this to new_ls that will look like [16,25,36,49] (final output will be as a list).2+3
- 3. (a) A=[1,2,3,4] and B=[5,6,7,8]. Convert both these lists to two Numpy arrays and save as nA and nB. What will nA+nB, nA-nB and nA*nB look like?
 - (b) Name nA+nB as newAB. newAB+3=? newAB*3=?newAB[newAB>5]=? 2+3=5
- 4. Convert the following list of lists to a Numpy array and save as A. What will be A[0],A[2,1],A[:,0],A[0,0:3] and A[1,:]? ls=[[32, 15, 6, 9, 14], [12, 10, 5, 23, 1], [2, 16, 13, 40, 37]]
- 5. ls=[1,2,3,4,5,6]. How will you determine maximum, minimum, mean, median, mode and standard deviation from this list with Numpy?
- 6. How will you import Pandas in Jupyter Notebook (write the commands only)? Convert the following dictionary to a Pandas dataframe (named as df) using a command. dic={'Column 1':[1,2,3], 'Column 2':[4,5,6], 'Column 3':[7,8,9]}
 - Write a command that will remove 'Column_3' from the dataframe and save the new dataframe as newdf. 1+2+2=5
- 7. Write different commands to import a 'comma-separated', 'tab-separated', 'semicolon-separated' and 'space-separated' files named 'sample.csv' with Pandas. Save these files as cdf,tdf,sdf and scdf. Now save the cdffileas a new file named 'newSample.csv' without index. 5
- 8. (a) A dataframe named 'df' contains 25 rows and 3 columns. What will be the output from df.shape command?
 - (b) A dataframe named 'df' looks like:





Time: 1 hr

City	Population	Median Age
Maplewood	100000	40
Wayne	350000	33
Forrest Hills	300000	35
Paramus	400000	55
Hackensack	290000	39

Write a command to check its column names. Write a column to sort the values under 'Population' column in ascending order. Write another column to sort the values under 'Median Age' in descending order. Insert a column named 'New_column' with all values a 0.

1+4

9. Suppose you have a Pandas dataframe named 'df' that looks like the following:

	Column_1	Column_2	Column_3
0	1	4	7
1	2	5	8
2	3	6	9

Write the following outputs.

- (a) df.loc[0:1]
- (b) df.iloc[:,:]
- (c) df.iloc[:,1:2]
- (d) df.iloc[1:2,:]
- (e) df.iloc[0,0]

5

- 10. How will you import Multilayer Perceptron (MLP) classification analyses module from Sckikit-learn. Suppose you have a dataframe named df. Write the command to divide this to a training set (80%) and a test set (20%) with Scikit-learn keeping random seed value of 42. Given that the response variable is Y and dependent variables as X, which command(s) will you will you fit these with MLP classification model (using default values).
 1+2+2=5
- (B) Answer any one question
 - 1. What is Perceptron. Diagrammatically represent a Perceptron. What do you mean by Inputs, Weights and Output. 2+2+6=10
 - 2. Write short note on various types of machine learning techniques. 10

Prof. (Dr.) Samir Kumar Samanta M. Pharm., Ph.D (J.U.) Principal Dr.B. C. Roy College of Pharmacy & AHS Durgapur, West Bengal-713206

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Dr.B.C.Roy College of Pharmacy & AHS, Durgapur

Add-on Course: Python and AI/ML 2023 - 24

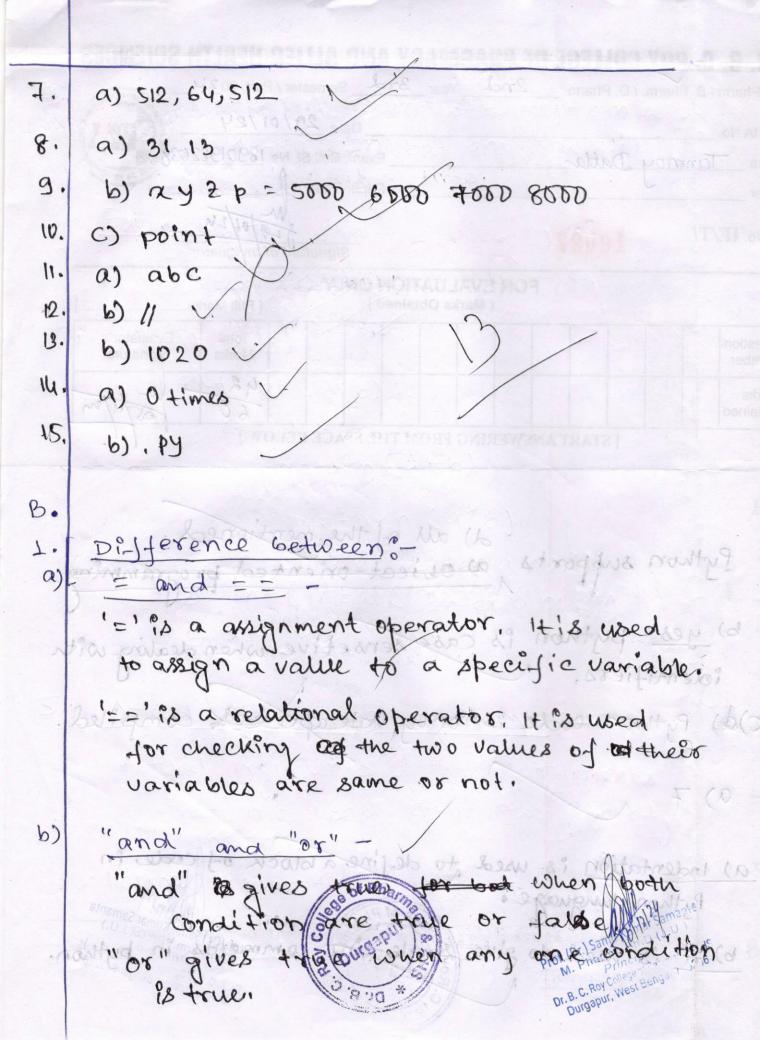
Merit List					
Rank	NAME	ROLL NO	Theory(60)	Practical(40)	Total
ML01	Suvajit Bhunia	18901922102	41	36	77
ML02	Santanu Das	18901922104	30	30	60
ML03	Chayanika Kundu	18901922092	40	36	76
ML04	Kushal Saha	18901922088	44	38	82
ML06	Suman Jana	18901922081	31	32	63
ML07	Samadrita Ghosh	18901922015	18	25	43
ML08	Samprati Maity	18901922066	18	28	46
ML09	Surajeet Ghosh	18901922060	44	38	82
ML10	Subham Dey	18901922033	Α	Α	Α
ML11	Abhijit Khutia	18901922037	Α	A	Α
ML12	Munshi Aman Sahein	18901922036	26	28	54
ML13	Rintu Pal	18901922082	40	34	74
ML14	Ayan Mondal	18901922087	36	31	67
ML15	Tutun Mandal	18901922003	22	22	44
ML17	Ankit Das	18901922090	35	30	65
ML18	Soumyadip Pal	18901922093	42	37	79
ML19	Debjit Chakrabarti	18901922075	Α	Α	А
ML20	Spandan Ghosh	18901922034	Α	Α	Α
ML21	Saumyadip Kayal	18901922086	31	32	63
ML22	Ritrisha Adhikary	18901922021	16	27	43
ML23	Manoj Kumar	18901922002	15	25	40
ML24	Arpita Roy	18901922085	32	32	64
ML25	Souvick Maity	18901922100	17	25	42
ML26	Oindrila Nag	18901922007	46	38	84
ML27	Rakhi Dhua	18901922018	6	25	31
ML28	Bishal Das	18901922084	20	28	48
ML29	Shreyasi Maiti	18901922103	18	28	46
ML30	Akash Routh	18901922010	25	30	55
ML31	Nayan Dutta	18901922044		А	А
ML32	Agnik Khutia	18901922058	А	А	А
ML33	Prithwish Ghosh	18901922054	Α	А	А
ML34	Soumen Khanra	18901922017	27	30	57
ML35	Saikat Biswas	18901922079	Α	А	А
ML36	Abhijit Ghosh	18901922035	23	28	51
ML37	Tanmoy Datta	18901922038	42	36	78
ML38	Shreya Rout	18901922094		27	46
ML39	Subhadip Banerjee	18901922019			69
ML40	Soumyadip Mahato	18901922074		33	62
ML41	Sayan Bhattacharyay	18901922020			59
ML42	Debleena Ghosh	18901922091			57



Prof. (Dr. 1931 Rir Kumar Samanta M. Pharm., Ph.D (J.U.) Principal Dr. B. C. Roy College of Pharmacy & AHS Durgapur, West Bengal-713206

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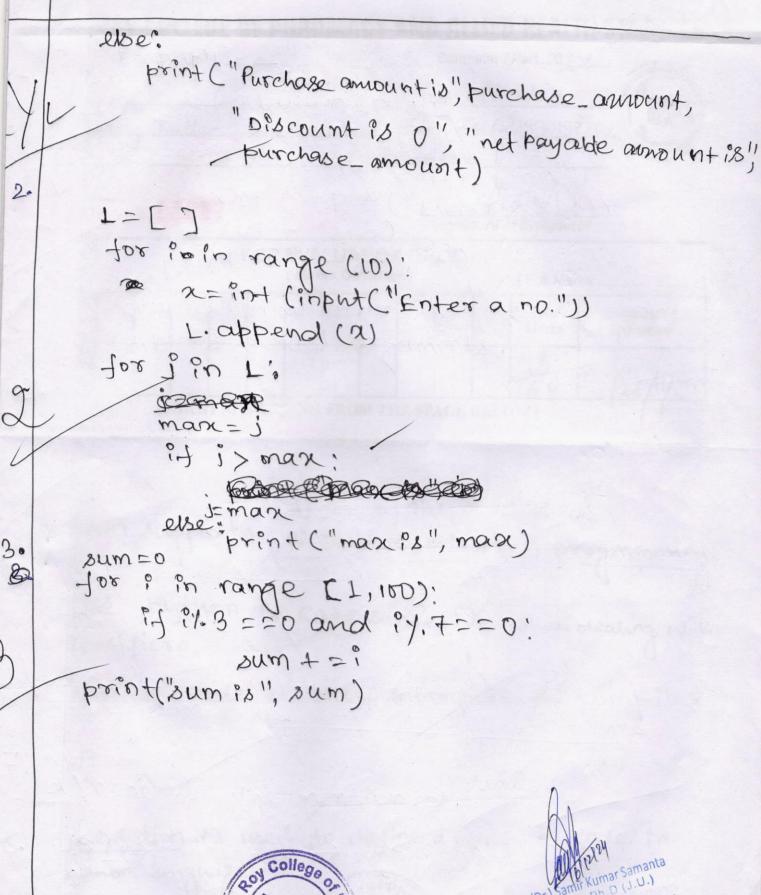


1 and 11 - months mutar. 10 radmin p.m.A. () I' used in float division. used in intiger division. a) * is used for multiplication of two numbers. "xx" is used for to define power of a number. e.g. - 2**3 means 23 2. a=25 while a <= 500. print (a) a+= 25 170+5 significance of else"; 3. If a statement doesn't fulfill the condition the 'else' will execute. Example:-Lower Low-sA max value between two numbers, ACTION OYSTUMENTS b=20 et a>6: print ("maxis", a) Max PS 20, Dr. B. C. Roy College of Pharmachy & AHS Dule Durgapur

4. Any number of return statement can be used in a function but any one will be executed at a time. taamplesdet grade en: 4-1m>=50; def cal (a, b): if asb! return (a+b) · return (a*b) a=in+ (input () Enter a no.")) b= in+(input("Enter ano.")) print (cal(a,b)). Il a sals 5-Actual and formal arguments: Actual arguments is those arguments that are used to at the time of function call. Formal arguments is thouse or gument stress serion that are used on tunetion definate des ination.

Example. defaddition (21,4): return (xxxy) or int (input ("Enter a no")) gradultion (a, b) print ("sum 18", x) n, y is formal arguments. a, b is actual arguments. 6.) sha 3") tugai) tai. 2 0 ration (input (Einter 11 *m = + miomis_ 32,0015 3 FINATS IN TOUR < + HOMOMER DESONOTING 1: d) none of the mentioned. MANS: - output -> 15 College Dr. B. C. Roy College C Mary & A. 7132C

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Dr. B. C. Roy College of Pharmacy & AHS Durgapur, West Bengal-713206

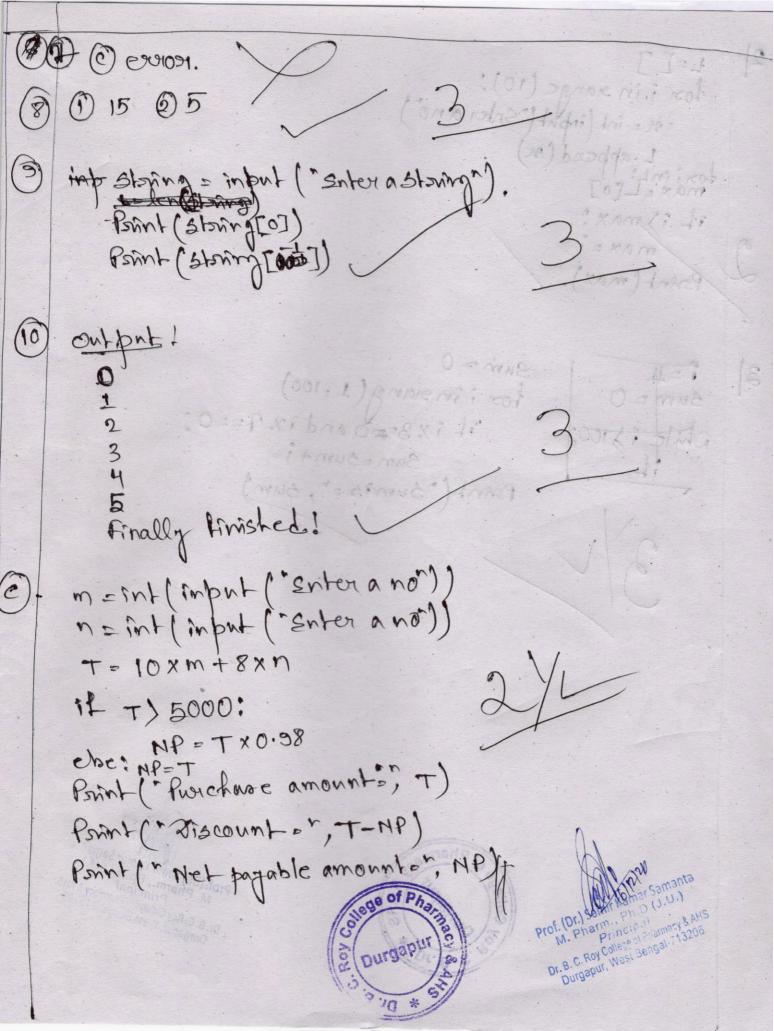
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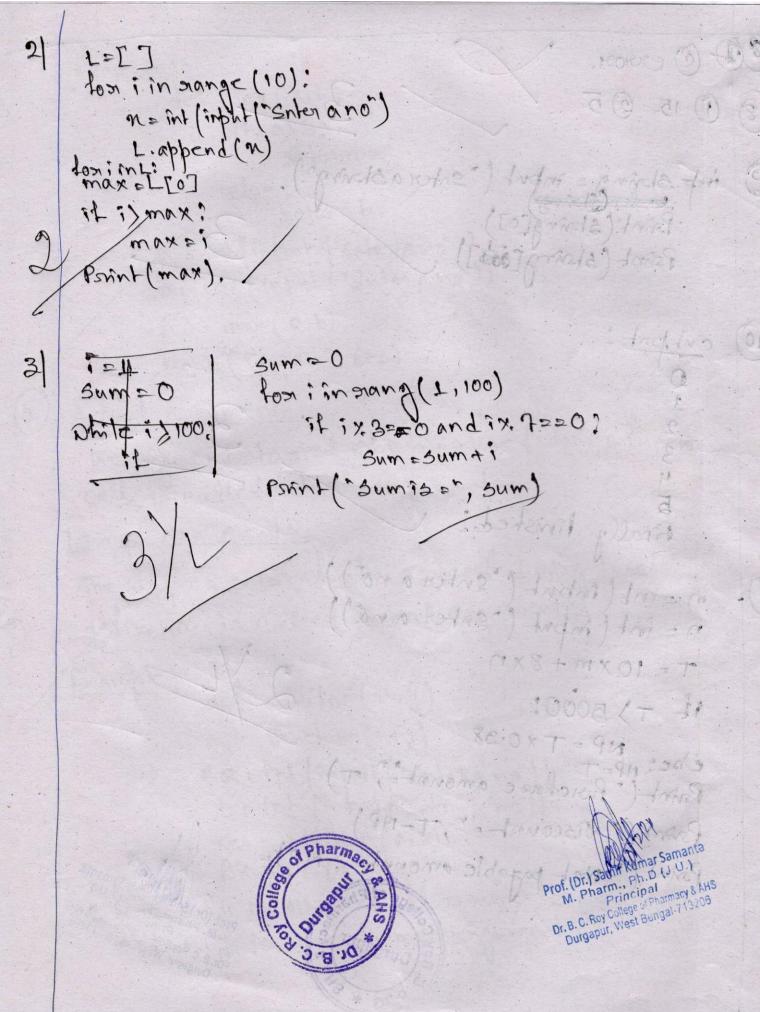
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Dr. B. C. Roy College of Pharmacy & AHS, Durgapur

Course Name: Basic Programming with Python and its application in database management, artificial intelligence and machine learning(AI/ML).

Exam Date: 29/01/2024

F.M: 40

Practical

Time: 1.00 Hrs

Q. Write a python program to input a string and a string and check whether it is palindrome or restrict the palindrome of the photogram of th

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l'2 [] for a in range (10): a = int (input (" d i". append (a) boint (i")	enter a no"))	
for a in range (10): a = int (input (" d i". append (a) froint (i") b = int (input (" ente))	Vignar Samanta
for a in range (10): a = int (input (" d i". append (a) froint (i") b = int (input (" ente	ntn, se. index(a))	Prof. [Dr.] Symir Kumar Samanta Prof. [Dr.] Symir Kumar Samanta Ph.D (J.U.) M. Pharm. Ph.D (J.U.) Principal Principal Dr.B. C. Roy College of Pharmacy 8 AMS Durgapur, West Bengal-713206

Inputted number 12: 86 Output > Present at 4 Inputted number is : 19 Output + Not present 9 Inputted numbers is: 11 output -> Present. Dr. B. C. Roy College of Fharmacy & AHS Durgapur, West Bengal-713206 wholm x in range (10). a = int (input (" Enter a no")) (o) bright (o) (") twing ("art (input (venter a va")) 9 ° 1 2 8 9 front (present ") (endex (a)) frint (" not Bresent") [= [35,44,52,61,36,10,34,56,16,62]=1 buttent a freezewth Antighted mumber 22: 44 present \$ 72

Dr. B. C. Roy College of Pharmacy & AHS, Durgapur

Course Name: Basic Programming with Python and its application in database management, artificial intelligence and machine learning(AI/ML).

Exam Date: 29/01/2024

F.M:40

Practical

Time: 1.00 Hrs

Q. Write a python program to implement linear search algorithm, i.e, input any 10 numbers in a list and input a number. find whether the inputted number is present in the list or not. If present the display the position.

Eg. L=[10,7,8,90,\$6,34,66,71,43,12]

Inputted number is: 71

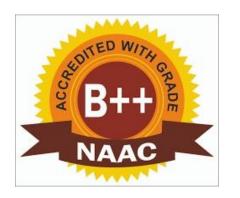
Output > element found at position: 8

Inputted number is: 33

Output > element not found

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Prof. (Dr)
M. Planting and a AHS
Dr. B. C Sangal-713206







Certificate of Appreciation

This is to certify that **Abhijit Ghosh**, University Roll No **18901922035**, has been awarded this certificate for successful completion of the Add-on course on "Basic programming with python and its application in database management, artificial intelligence and machine learning (AI/ML)" for 40 hours (4 credits) organized by Internal Quality Assurance Cell (IQAC), Dr. B.C. Roy College of Pharmacy & Allied Health Sciences (BCRCP), Durgapur, WB, India from 28th August, 2023 to 06th May, 2024 with a score of **110** out of 200.

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Prof. Samir Kr. Samanta
Principal, BCRCP,
Durgapur, WB, India



Prof. Subhabrata Ray, In-Charge, IQAC, BCRCP, Durgapur, WB, India



*Dr. Amit Kumar Halder,*Course Coordinator, BCRCP,
Durgapur, WB, India

Mr. Soumon Banarios

*Mr. Soumen Banerjee,*Course Coordinator, BCRCP,
Durgapur, WB, India







This is to certify that Arpita Roy, University Roll No 18901922085, has been awarded this certificate for successful completion of the Add-on course on "Basic programming with python and its application in database management, artificial intelligence and machine learning (AI/ML)" for 40 hours (4 credits) organized by Internal Quality Assurance Cell (IQAC), Dr. B.C. Roy College of Pharmacy & Allied Health Sciences (BCRCP), Durgapur, WB, India from 28th August, 2023 to 06th May, 2024 with a score of 115 out of 200.

Prof. Samir Kr. Samanta Principal, BCRCP, Durgapur, WB, India



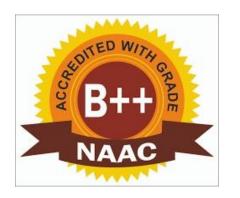
Prof. Subhabrata Ray, In-Charge, IQAC, BCRCP, Durgapur, WB, India



Dr. Amit Kumar Halder, Course Coordinator, BCRCP, Durgapur, WB, India

Mr. Soumen Banerjee,

Course Coordinator, BCRCP, Durgapur, WB, India







This is to certify that **Ayan Mondal**, University Roll No **18901922087**, has been awarded this certificate for successful completion of the Add-on course on "Basic programming with python and its application in database management, artificial intelligence and machine learning (AI/ML)" for 40 hours (4 credits) organized by Internal Quality Assurance Cell (IQAC), Dr. B.C. Roy College of Pharmacy & Allied Health Sciences (BCRCP), Durgapur, WB, India from 28th August, 2023 to 06th May, 2024 with a score of **137** out of 200.

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Prof. Samir Kr. Samanta
Principal, BCRCP,
Durgapur, WB, India



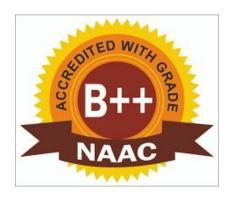
Prof. Subhabrata Ray, In-Charge, IQAC, BCRCP, Durgapur, WB, India



Dr. Amit Kumar Halder,Course Coordinator, BCRCP,
Durgapur, WB, India

Dony

*Mr. Soumen Banerjee,*Course Coordinator, BCRCP,
Durgapur, WB, India







This is to certify that Chayanika Kundu, University Roll No 18901922092, has been awarded this certificate for successful completion of the Add-on course on "Basic programming with python and its application in database management, artificial intelligence and machine learning (AI/ML)" for 40 hours (4 credits) organized by Internal Quality Assurance Cell (IQAC), Dr. B.C. Roy College of Pharmacy & Allied Health Sciences (BCRCP), Durgapur, WB, India from 28th August, 2023 to 06th May, 2024 with a score of 151 out of 200.

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Prof. Samir Kr. Samanta
Principal, BCRCP,
Durgapur, WB, India



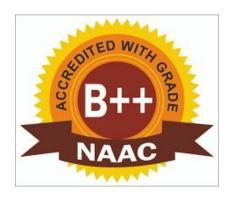
Prof. Subhabrata Ray, In-Charge, IQAC, BCRCP, Durgapur, WB, India



*Dr. Amit Kumar Halder,*Course Coordinator, BCRCP,
Durgapur, WB, India

Mr. Soumen Banerjee,

Course Coordinator, BCRCP, Durgapur, WB, India







This is to certify that **Debleena Ghosh**, University Roll No **18901922091**, has been awarded this certificate for successful completion of the Add-on course on "Basic programming with python and its application in database management, artificial intelligence and machine learning (AI/ML)" for 40 hours (4 credits) organized by Internal Quality Assurance Cell (IQAC), Dr. B.C. Roy College of Pharmacy & Allied Health Sciences (BCRCP), Durgapur, WB, India from 28th August, 2023 to 06th May, 2024 with a score of **117** out of 200.

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Prof. Samir Kr. Samanta
Principal, BCRCP,
Durgapur, WB, India



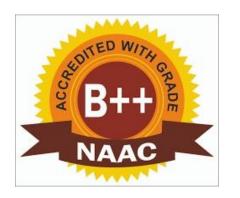
Prof. Subhabrata Ray, In-Charge, IQAC, BCRCP, Durgapur, WB, India



*Dr. Amit Kumar Halder,*Course Coordinator, BCRCP,
Durgapur, WB, India

Dary

*Mr. Soumen Banerjee,*Course Coordinator, BCRCP,
Durgapur, WB, India







This is to certify that **Kushal Saha**, University Roll No **18901922088**, has been awarded this certificate for successful completion of the Add-on course on "Basic programming with python and its application in database management, artificial intelligence and machine learning (AI/ML)" for 40 hours (4 credits) organized by Internal Quality Assurance Cell (IQAC), Dr. B.C. Roy College of Pharmacy & Allied Health Sciences (BCRCP), Durgapur, WB, India from 28th August, 2023 to 06th May, 2024 with a score of **144** out of 200.

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Prof. Samir Kr. Samanta
Principal, BCRCP,
Durgapur, WB, India



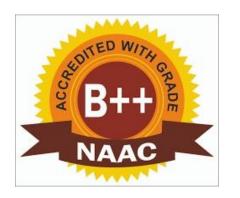
Prof. Subhabrata Ray, In-Charge, IQAC, BCRCP, Durgapur, WB, India



*Dr. Amit Kumar Halder,*Course Coordinator, BCRCP,
Durgapur, WB, India

Donye

*Mr. Soumen Banerjee,*Course Coordinator, BCRCP,
Durgapur, WB, India







This is to certify that Manoj Kumar, University Roll No 18901922002, has been awarded this certificate for successful completion of the Add-on course on "Basic programming with python and its application in database management, artificial intelligence and machine learning (AI/ML)" for 40 hours (4 credits) organized by Internal Quality Assurance Cell (IQAC), Dr. B.C. Roy College of Pharmacy & Allied Health Sciences (BCRCP), Durgapur, WB, India from 28th August, 2023 to 06th May, 2024 with a score of 102 out of 200.

Prof. Samir Kr. Samanta
Principal, BCRCP,
Durgapur, WB, India



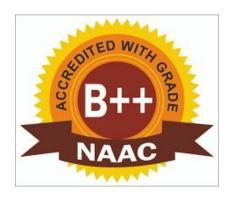
Prof. Subhabrata Ray, In-Charge, IQAC, BCRCP, Durgapur, WB, India



*Dr. Amit Kumar Halder,*Course Coordinator, BCRCP,
Durgapur, WB, India

Mr. Soumon Banorico

*Mr. Soumen Banerjee,*Course Coordinator, BCRCP,
Durgapur, WB, India







This is to certify that Munshi Aman Sahein, University Roll No 18901922036, has been awarded this certificate for successful completion of the Add-on course on "Basic programming with python and its application in database management, artificial intelligence and machine learning (AI/ML)" for 40 hours (4 credits) organized by Internal Quality Assurance Cell (IQAC), Dr. B.C. Roy College of Pharmacy & Allied Health Sciences (BCRCP), Durgapur, WB, India from 28th August, 2023 to 06th May, 2024 with a score of 96 out of 200.

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Prof. Samir Kr. Samanta
Principal, BCRCP,
Durgapur, WB, India



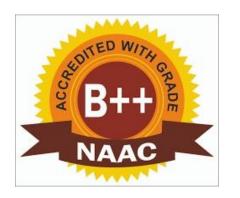
Prof. Subhabrata Ray, In-Charge, IQAC, BCRCP, Durgapur, WB, India



*Dr. Amit Kumar Halder,*Course Coordinator, BCRCP,
Durgapur, WB, India

Mr. Soumen Banerjee,
Course Coordinator, BCRCP,
Durgapur, WB, India

Danke







This is to certify that **Oindrila Nag**, University Roll No **18901922007**, has been awarded this certificate for successful completion of the Add-on course on "Basic programming with python and its application in database management, artificial intelligence and machine learning (AI/ML)" for 40 hours (4 credits) organized by Internal Quality Assurance Cell (IQAC), Dr. B.C. Roy College of Pharmacy & Allied Health Sciences (BCRCP), Durgapur, WB, India from 28th August, 2023 to 06th May, 2024 with a score of **152** out of 200.

Prof. Samir Kr. Samanta
Principal, BCRCP,
Durgapur, WB, India

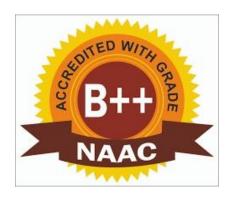


Prof. Subhabrata Ray, In-Charge, IQAC, BCRCP, Durgapur, WB, India



*Dr. Amit Kumar Halder,*Course Coordinator, BCRCP,
Durgapur, WB, India

Mr. Soumen Banerjee,
Course Coordinator, BCRCP,
Durgapur, WB, India







This is to certify that **Rintu Pal**, University Roll No **18901922082**, has been awarded this certificate for successful completion of the Add-on course on "Basic programming with python and its application in database management, artificial intelligence and machine learning (AI/ML)" for 40 hours (4 credits) organized by Internal Quality Assurance Cell (IQAC), Dr. B.C. Roy College of Pharmacy & Allied Health Sciences (BCRCP), Durgapur, WB, India from 28th August, 2023 to 06th May, 2024 with a score of **156** out of 200.

Prof. Samir Kr. Samanta
Principal, BCRCP,
Durgapur, WB, India



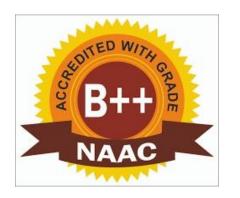
Prof. Subhabrata Ray, In-Charge, IQAC, BCRCP, Durgapur, WB, India



Dr. Amit Kumar Halder,Course Coordinator, BCRCP,
Durgapur, WB, India

Dary

*Mr. Soumen Banerjee,*Course Coordinator, BCRCP,
Durgapur, WB, India







This is to certify that **Santanu Das**, University Roll No **18901922104**, has been awarded this certificate for successful completion of the Add-on course on "Basic programming with python and its application in database management, artificial intelligence and machine learning (AI/ML)" for 40 hours (4 credits) organized by Internal Quality Assurance Cell (IQAC), Dr. B.C. Roy College of Pharmacy & Allied Health Sciences (BCRCP), Durgapur, WB, India from 28th August, 2023 to 06th May, 2024 with a score of **113** out of 200.

Prof. Samir Kr. SamantaPrincipal, BCRCP,
Durgapur, WB, India

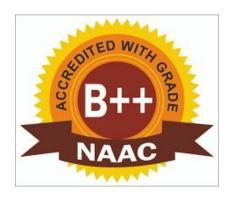


Prof. Subhabrata Ray, In-Charge, IQAC, BCRCP, Durgapur, WB, India



Dr. Amit Kumar Halder,Course Coordinator, BCRCP,
Durgapur, WB, India

Mr. Soumen Banerjee,
Course Coordinator, BCRCP,
Durgapur, WB, India







This is to certify that **Saumyadip Kayal**, University Roll No **18901922086**, has been awarded this certificate for successful completion of the Add-on course on "Basic programming with python and its application in database management, artificial intelligence and machine learning (AI/ML)" for 40 hours (4 credits) organized by Internal Quality Assurance Cell (IQAC), Dr. B.C. Roy College of Pharmacy & Allied Health Sciences (BCRCP), Durgapur, WB, India from 28th August, 2023 to 06th May, 2024 with a score of **112** out of 200.

Prof. Samir Kr. Samanta
Principal, BCRCP,
Durgapur, WB, India



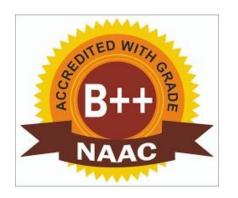
Prof. Subhabrata Ray, In-Charge, IQAC, BCRCP, Durgapur, WB, India



*Dr. Amit Kumar Halder,*Course Coordinator, BCRCP,
Durgapur, WB, India

Dary

*Mr. Soumen Banerjee,*Course Coordinator, BCRCP,
Durgapur, WB, India







This is to certify that **Sayan Bhattacharyay**, University Roll No **18901922020**, has been awarded this certificate for successful completion of the Add-on course on "Basic programming with python and its application in database management, artificial intelligence and machine learning (AI/ML)" for 40 hours (4 credits) organized by Internal Quality Assurance Cell (IQAC), Dr. B.C. Roy College of Pharmacy & Allied Health Sciences (BCRCP), Durgapur, WB, India from 28th August, 2023 to 06th May, 2024 with a score of **140** out of 200.

Prof. Samir Kr. Samanta
Principal, BCRCP,
Durgapur, WB, India



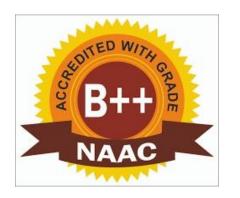
Prof. Subhabrata Ray, In-Charge, IQAC, BCRCP, Durgapur, WB, India



*Dr. Amit Kumar Halder,*Course Coordinator, BCRCP,
Durgapur, WB, India

Mr. Soumon Panarias

*Mr. Soumen Banerjee,*Course Coordinator, BCRCP,
Durgapur, WB, India







This is to certify that **Soumyadip Mahato**, University Roll No **18901922074**, has been awarded this certificate for successful completion of the Add-on course on "Basic programming with python and its application in database management, artificial intelligence and machine learning (AI/ML)" for 40 hours (4 credits) organized by Internal Quality Assurance Cell (IQAC), Dr. B.C. Roy College of Pharmacy & Allied Health Sciences (BCRCP), Durgapur, WB, India from 28th August, 2023 to 06th May, 2024 with a score of **107** out of 200.

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Prof. Samir Kr. SamantaPrincipal, BCRCP,
Durgapur, WB, India



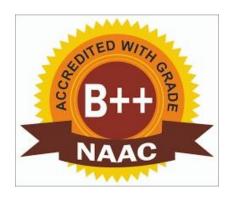
Prof. Subhabrata Ray, In-Charge, IQAC, BCRCP, Durgapur, WB, India



Dr. Amit Kumar Halder,Course Coordinator, BCRCP,
Durgapur, WB, India

Mr Orman Banasia

*Mr. Soumen Banerjee,*Course Coordinator, BCRCP,
Durgapur, WB, India







This is to certify that **Soumyadip Pal**, University Roll No **18901922093**, has been awarded this certificate for successful completion of the Add-on course on "Basic programming with python and its application in database management, artificial intelligence and machine learning (AI/ML)" for 40 hours (4 credits) organized by Internal Quality Assurance Cell (IQAC), Dr. B.C. Roy College of Pharmacy & Allied Health Sciences (BCRCP), Durgapur, WB, India from 28th August, 2023 to 06th May, 2024 with a score of **142** out of 200.

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Prof. Samir Kr. SamantaPrincipal, BCRCP,
Durgapur, WB, India



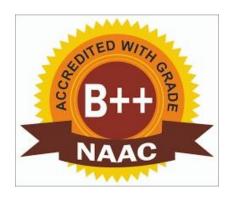
Prof. Subhabrata Ray, In-Charge, IQAC, BCRCP, Durgapur, WB, India



Dr. Amit Kumar Halder,Course Coordinator, BCRCP,
Durgapur, WB, India

*Mr. Soumen Banerjee,*Course Coordinator, BCRCP,

Durgapur, WB, India







This is to certify that **Subhadip Banerjee**, University Roll No **18901922019**, has been awarded this certificate for successful completion of the Add-on course on "Basic programming with python and its application in database management, artificial intelligence and machine learning (AI/ML)" for 40 hours (4 credits) organized by Internal Quality Assurance Cell (IQAC), Dr. B.C. Roy College of Pharmacy & Allied Health Sciences (BCRCP), Durgapur, WB, India from 28th August, 2023 to 06th May, 2024 with a score of **129** out of 200.

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Prof. Samir Kr. Samanta
Principal, BCRCP,
Durgapur, WB, India



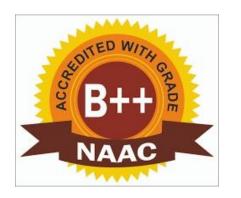
Prof. Subhabrata Ray, In-Charge, IQAC, BCRCP, Durgapur, WB, India



*Dr. Amit Kumar Halder,*Course Coordinator, BCRCP,
Durgapur, WB, India

Maryle

*Mr. Soumen Banerjee,*Course Coordinator, BCRCP,
Durgapur, WB, India







This is to certify that **Suvajit Bhunia**, University Roll No **18901922102**, has been awarded this certificate for successful completion of the Add-on course on "Basic programming with python and its application in database management, artificial intelligence and machine learning (AI/ML)" for 40 hours (4 credits) organized by Internal Quality Assurance Cell (IQAC), Dr. B.C. Roy College of Pharmacy & Allied Health Sciences (BCRCP), Durgapur, WB, India from 28th August, 2023 to 06th May, 2024 with a score of **137** out of 200.

Prof. Samir Kr. Samanta
Principal, BCRCP,
Durgapur, WB, India



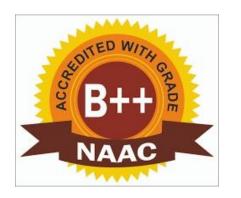
Prof. Subhabrata Ray, In-Charge, IQAC, BCRCP, Durgapur, WB, India



*Dr. Amit Kumar Halder,*Course Coordinator, BCRCP,
Durgapur, WB, India

Month

*Mr. Soumen Banerjee,*Course Coordinator, BCRCP,
Durgapur, WB, India







This is to certify that **Tanmoy Datta**, University Roll No **18901922038**, has been awarded this certificate for successful completion of the Add-on course on "Basic programming with python and its application in database management, artificial intelligence and machine learning (AI/ML)" for 40 hours (4 credits) organized by Internal Quality Assurance Cell (IQAC), Dr. B.C. Roy College of Pharmacy & Allied Health Sciences (BCRCP), Durgapur, WB, India from 28th August, 2023 to 06th May, 2024 with a score of **175** out of 200.

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Prof. Samir Kr. Samanta
Principal, BCRCP,
Durgapur, WB, India



Prof. Subhabrata Ray, In-Charge, IQAC, BCRCP, Durgapur, WB, India



Dr. Amit Kumar Halder,Course Coordinator, BCRCP,
Durgapur, WB, India

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*Mr. Soumen Banerjee,*Course Coordinator, BCRCP,
Durgapur, WB, India

To
The In-Charge IT Cell
Dr.B.C.Roy College of Pharmacy and AHS
Durgapur

Date: 06/12/2024

Comprehensive Course Completion Report on Basic programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML).

This report summarizes the key aspects and learning outcomes from completing a comprehensive course on "Basic programming with Python and its application in database management, artificial intelligence and machine learning (AI/ML)".

The course aimed at equipping learners with the fundamental and advanced knowledge required to develop AI and ML solutions using Python.

The course started on dated 28th August 2023 after notification from The Principal dated 9th August 2023. Total forty students were enrolled from B.Pharm 2nd Year (Academic year 2023-2024) on the basis of merit. The course was divided in to two parts. First 20 credit hours conducted by Mr. Soumen Banerjee(Asst.Professor, BCRCP) and the remaining 20 credit hours was conducted by Dr. Amit Kumar Halder (Asso. Professor, BCRCP).

One examination was taken after completion of first part and a final examination was taken at the end of the course.

The course was completed on 6th May 2024 and 18 certificates were distributed to the students who successfully completed the course.

Coordinators Of the course

1) Dr. Amit Kumar Halder

2) Mr. Soumen Banerjee

And Kumes Halle 06/1424

Prof. (Dr.) Samt Kumar Samanta M. Pharm., Ph.D (J.U.) M. Pharm., Ph.D (J.U.) Principal Principal Dr.B. C. Roy College of Pharmacy & AHS Durgapur, West Bengal-713206