

Course Coordinator Report

Course Name: Introduction to Python Programming

A free Add-On Course for UG students in the Department of Computer Science, Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur, was held from 6 Dec 2019 to 21 Feb 2020. The course title was "Introduction to Python Programming". This complete beginner to expert course was perfect for anyone who wanted to learn Python or learn more about Python programming. Python is a versatile programming language used for web development, data analysis, artificial intelligence, and more. This course provided a solid foundation for students to understand Python and its applications.

In this course, the students learned everything about Python basics, objects, standard types, and various built-in functions and modules. It was packed full of challenges and exercises to get students writing Python code quickly. The course provided everything the students needed to start with Python programming. This course was ideal for students interested in the field of Information Technology, providing a solid programming foundation useful for various applications in software development and data analysis.

At the end of this course, students had the skills and knowledge to write their own Python programs and were on the path to acquiring more advanced programming skills. The course duration was 10 weeks (30 hours). Two theory classes were conducted on Friday and Saturday, and one practical session was held every week. The marking system consisted of 60 marks for the theory paper and 40 marks for practical execution. The theory examination consisted of an MCQ paper with 30 questions, each with four multiple choices. The practical examination was also conducted for 40 marks. All 82 students were present in both the theory and practical examinations. The results were prepared, and certificates were distributed to the students.



Ms. Puja M. Dadhe
Course Coordinator
Assistant Professor
Department of Computer Science
S.S.E.S. Amt's Science College
Congress Nagar, Nagpur



Shri Shivaji Education Society, Amravati's

SCIENCE COLLEGE

Congress Nagar, Nagpur-12 (M.S.), India



Accredited with CGPA of 3.51 at A+9 grade by NAAC, Bangalore
A <College with Potential for Excellence= identified by UGC New Delhi.
Institutional Member of APQN
Recognized Centre for Higher Learning and Research
Mentor College under PARAMARSH Scheme, UGC, New Delhi

SSES Amravati's Science College, Congress Nagar, Nagpur-12

DEPARTMENT OF COMPUTER SCIENCE

Session 2019-2020

Free Certificate Course for College Students

Course Title: Certificate Course in Python Programming

Duration – 30 Hours (10 Weeks)

Course Start from 06 Dec 2019 to 21 Feb 2020

Course Coordinator: Ms. Puja M. Dadhe



To,
The Principal
SSES Amt's Science College,
Congress Nagar, Nagpur-12

Subject: For permission to conduct the add on courses in the Department
Of Computer Science during 2019-2020

Respected Sir,

This is to request you that, the teachers of our Computer Science department have prepared the syllabus and modules of the 30 hours certificate courses for the session 2019-2020.

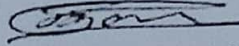
The details of the course module, syllabus and time table is submitted here with.

Hence please permit to run the add on courses and oblige me.

Thanking you

Yours sincerely

Date:- 21/06/2019


Professor & Head
Department of Computer Science
S S E S Amt's Science College
Congress Nagar Nagpur

Permitted
M. Dhore

SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S SCIENCE COLLEGE, CONGRESS NAGAR,
NAGPUR.
DEPARTMENT OF COMPUTER SCIENCE

NOTICE

Date: 22-Nov-2019

We are pleased to announce that the Department of Computer Science is offering a Certificate Course on **Python Programming** for all BCA Students free of cost starting from first week of September.

Course Highlights:

- Introduction to Python
- Data Structures and Algorithms
- Object-Oriented Programming
- Web Development with Python
- Data Science and Machine Learning Basics

Course Duration: 10 Weeks (30 Hours)

Eligibility: Open to all students of BCA, Shri Shivaji Education Society Amravati's Science College

Registration: Interested students can register at the Department of Computer Science office on or before 30-Nov-2019.

Contact Information:

For further details, please contact:

Ms. Pujā M. Dadhe
Course Coordinator
Phone: 7276266004

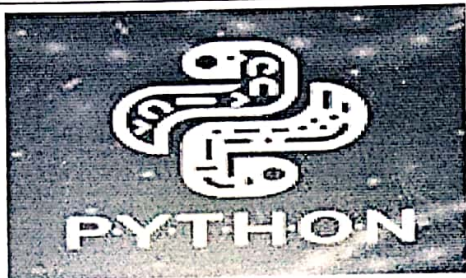


Assistant Professor
Department of Computer Science
S.S.E.S. Am's Science College,
Congress Nagar, Nagpur



Professor & Head
Department of Computer Science
S.S.E.S. Am's Science College,
Congress Nagar Nagpur

CERTIFICATE COURSE IN PYTHON PROGRAMMING



Free Certificate Course for College Students

Session : 2019-20

Duration - 30 Hours (10 Weeks)

Process of Registration- First Come First Served (Limited Seats)

Course Objectives:

- Learn Syntax and Semantics and Create Functions in Python.
- Handle Strings and Files in Python.
- Understand Lists, Dictionaries and Regular expressions in Python.
- Implement Object Oriented Programming concepts in Python.
- Build Web Services and introduction to Network and

PYTHON PROGRAMMING is an essential part of any Computer-Science education. To master the fundamentals of writing Python scripts, learn core Python scripting elements such as variables and flow control structures, discover how to work with lists and sequence data, write Python functions to facilitate code reuse ,use Python to read and write files, make their code robust by handling errors and exceptions properly, work with the Python standard library, explore Python's object-oriented features , search text using regular expressions and finally working with GUI (Graphical User Interfaces)



Department of Computer Science
SSES Am't's Science College, Congress
Nagar, Nagpur



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Congress Nagar, Nagpur

SSES Amravati's Science College, Congress Nagar, Nagpur-12

DEPARTMENT OF COMPUTER SCIENCE

COURSE MODULE AND SYLLABUS

Session 2019-2020

Course Title: Certificate Course in Python Programming

Course Coordinator: Ms. Puja M. Dadhe

Course description: Python Programming is intended for students, systems analysts, program managers and user support personnel who wish to learn the Python programming language. This Python for beginners training course leads the students from the basics of writing and running Python scripts to more advanced features such as file operations, regular expressions, working with binary data, and using the extensive functionality of Python modules. Extra emphasis is placed on features unique to Python, such as tuples, array slices, and output formatting. This course PYTHON PROGRAMMING is an essential part of any Computer-Science education. To master the fundamentals of writing Python scripts, learn core Python scripting elements such as variables and flow control structures, discover how to work with lists and sequence data, write Python functions to facilitate code reuse ,use Python to read and write files, make their code robust by handling errors and exceptions properly, work with the Python standard library, explore Python's object-oriented features , search text using regular expressions and finally working with GUI (Graphical User Interfaces)

Course Objectives:

1. Learn Syntax and Semantics and create Functions in Python.
2. Handle Strings and Files in Python.
3. Understand Lists, Dictionaries and Regular expressions in Python.
4. Implement Object Oriented Programming concepts in Python.
5. Build Web Services and introduction to Network and Database Programming in Python.

Instructional Strategies: Theory class, Practical, Video clips.

Evaluation Strategies: Oral discussions and Final MCQ examination.

Course outline: Course Outlines: (Relevance)

1. **Introduction to Python:** Basics of Python, setting up the environment, syntax, and simple programs.
2. **Data Types and Structures:** Variables, strings, lists, tuples, dictionaries, and sets.
3. **Control Flow:** Conditional statements, loops, and comprehensions.
4. **Functions and Modules:** Defining functions, scope, built-in functions, and importing modules.
5. **Object-Oriented Programming:** Classes, objects, inheritance, and polymorphism.
6. **Advanced Topics:** File handling, exceptions, libraries (e.g., NumPy, Pandas), and basic web scraping.



Course Outcomes (COs):

1. Examine Python syntax and semantics and be fluent in the use of Python flow control and functions.
2. Demonstrate proficiency in handling Strings and File Systems.
3. Create, run and manipulate Python Programs using core data structures like Lists, Dictionaries and use Regular Expressions.
4. Interpret the concepts of Object-Oriented Programming as used in Python.
5. Implement exemplary applications related to Network Programming, Web Services and Databases in Python.

Duration of course: Ten weeks (30 Hours)

The Structure of Syllabus and System of evaluation -

Course	Theory Papers and Practical	Total Marks	
		Theory	Practical
Certificate Course in Python Programming	Theory paper- Python Programming * Theory examination will be of MCQ pattern having 30 questions each with equal marks.	60	40
	* Practical examination will be based on folder and performance evaluation in the laboratory	100	

M. Shrivastava

Principal
S. S. E. S. Amravati's
Science College, Nagpur.

T. W.

M. Shrivastava

COURSE CO-ORDINATOR
Assistant Professor
Department of Computer Science
S.S.E.S. Amt's Science College,
Congress Nagar, Nagpur

Internal Quality Assurance Cell (IQAC)
S. S. E. S. A. Science College
Congress Nagar, Nagpur.

SYLLABUS

Certificate course (10 weeks)

Theory

UNIT-I

Python Basics, Objects- Python Objects, Standard Types, Other Built-in Types, Internal Types, Standard Type Operators, Standard Type Built-in Functions, Categorizing the Standard Types, Unsupported Types Numbers - Introduction to Numbers, Integers, Floating Point Real Numbers, Complex Numbers, Operators, Built-in Functions, Related Modules Sequences - Strings, Lists, and Tuples, Mapping and Set Types

UNIT-II

FILES: File Objects, File Built-in Function [open()], File Built-in Methods, File Built-in Attributes, Standard Files, Command-line Arguments, File System, File Execution, Persistent Storage Modules, Related Modules Exceptions: Exceptions in Python, Detecting and Handling Exceptions, Context Management, Exceptions as Strings, Raising Exceptions, Assertions, Standard Exceptions, *Creating Exceptions, Why Exceptions (Now)?, Why Exceptions at All?, Exceptions and the sys Module, Related Modules: Modules and Files, Namespaces, Importing Modules, Importing Module Attributes, Module Built-in Functions, Packages, Other Features of Modules

UNIT-III

GUI Programming: Introduction, Tkinter and Python Programming, Brief Tour of Other GUIs, Related Modules and Other GUIs WEB Programming: Introduction, Web Surfing with Python, Creating Simple Web Clients, Advanced Web Clients, CGI-Helping Servers Process Client Data, Building CGI Application Advanced CGI, Web (HTTP) Servers.

Practicals

1. Hello World and User Input: Write a program that prints "Hello, World!" and takes user input to display a personalized greeting.
2. Basic Arithmetic Operations: Create a calculator program that performs addition, subtraction, multiplication, and division based on user input.
3. List Operations: Write a program to create a list of numbers, find the sum, average, and sort the list.
4. String Manipulation: Develop a program to count the number of vowels in a given string and reverse the string.
5. Simple Banking System: Implement a simple banking system where users can check their balance, deposit, and withdraw money.
6. File Handling: Create a program to read from a file, count the number of words, and write the results to a new file.
7. Dictionary Operations: Write a program to create a dictionary from user input, allowing the addition, deletion, and lookup of keys.
8. Function Practice: Develop a program that includes a function to check if a given number is prime and another function to generate Fibonacci series up to a given number.
9. Basic OOP: Implement a class for a simple library system where books can be added, borrowed, and returned.
10. Web Scraping: Write a program using the `requests` and `BeautifulSoup` libraries to scrape data from a website and display specific information, like headlines from a news site.

Week-wise Teaching plan:

Week	Hrs.	Syllabus
Week 1	1	Python Basics, Objects Python Objects, Standard Types,
	1	Numbers - Introduction to Numbers
	1	Operators, Built-in Functions, Related Modules Sequences
Week 2	1	Strings, Lists, and Tuples, Mapping and Set Types
	2	FILES: File Objects, File Built-in Function
Week 3	1	Exceptions: Exceptions in Python
	2	File Built-in Attributes, Standard Files, Command-line Arguments
Week 4	1	File System, File Execution, Persistent Storage Modules
	1	Modules and Files, Namespaces
Week 5	2	Module Built-in Functions, Importing Modules
	1	Packages, Other Features of Modules
Week 6	2	GUI Programming: Introduction,
	1	Web applications tour.
Week 7	2	Tkinter and Python Programming,
	1	Brief Tour of Other GUIs
Week 8	2	WEB Programming
	1	Related Modules and Other GUIs
Week 9	2	Introduction, Web Surfing with Python,
	1	Creating Simple Web Clients
Week 10	1	Advanced Web Clients, CGI-Helping Servers Process Client Data
	2	Building CGI Application Advanced CGI, Web (HTTP) Servers.

SSES AMT'S SCIENCE COLLEGE, CONGRESS NAGAR, NAGPUR-12

Certificate Course in PYTHON PROGRAMMING
SESSION 2019-2020

Time Table

Day	Theory
Friday	PMD (B12) Theory 4.00 PM – 5.00 PM
Saturday	PMD(BCA LAB) practical, 4.00 PM – 5.00 PM
	PMD (B12) Theory, 4.00 PM – 5.00 PM

Pme

Course Co-ordinator

Assistant Professor
Department of Computer Science
S.S.E.S. Amt's Science College,
Congress Nagar, Nagpur



STUDENT LIST
Session : 19-20

DELUXE
PAGE NO.:
DATE: 2019-2020

Course Name:- PYTHON
PROGRAMMING

STUDENT NAME SIGNATURE

- | STUDENT NAME | SIGNATURE |
|------------------------|----------------|
| 1) Aarti Bhanadwaj. | A. Bhanadwaj |
| 2) Ayush A. Vath | A. Vath |
| 3) Gaurang Chinchulkar | G. Chinchulkar |
| 4) Himanshu S. Sakhare | H. S. Sakhare |
| 5) Gaurav P. Bhakre. | G. Bhakre |
| 6) Chetan S. Rade. | C. Rade |
| 7) Divya Ghodmare. | D. Ghodmare |
| 8) Divya Yadav | D. Yadav |
| 9) Akashra Jawade | A. Jawade |
| 10) Ankit R. Nimave. | A. Nimave |
| 11) Apaksha Salanki | A. Salanki |
| 12) Gayatri S. Urkade. | G. Urkade |
| 13) Gaurav G. Kalamkar | G. Kalamkar |
| 14) Anjali Dhongade | A. Dhongade |
| 15) Anjali Dongre. | A. Dongre |
| 16) Chetan Chame | C. Chame |
| 17) Ashish M. Borkate | A. Borkate |
| 18) Ashish M. Arora. | A. Arora |
| 19) Ankita Chembhare | A. Chembhare |
| 20) Phalguni Khode. | P. Khode |
| 21) Nayan La Manghote | N. Manghote |
| 22) Kratika Raut. | K. Raut |
| 23) Janhavi Yencarkar | J. Yencarkar |
| 24) Kamal R. Dombkar | K. Dombkar |
| 25) Madhura. Pandey | M. Pandey |
| 26) Nikita Gokhale. | N. Gokhale |

27)	Jitesh N. Khandare	J. Khandare
28)	Madhavi Dhande,	M. Dhande,
29)	Mrumali Bokade,	M. Bokade,
30)	Muskan Kamwani	M. Kamwani
31)	Krutika Limbad	K. Limbad
32)	Jyoti Shukla,	Jyoti
33)	Kanchan Apte,	K. Apte
34)	Komal V. Chaudhari	K. Chaudhari
35)	Krupa Mahale,	K. Mahale
36)	Kshiti D. Mishra,	Mishra
37)	Palash Y. Randhir	P. Randhir
38)	Neha Surve	N. Surve
39)	Nehal Chandarara	N. Chandarara
40)	Maksh P. Patle,	M. Patle
41)	Mrumal M. Bhandarkar	M. Bhandarkar
42)	Manish B. Hivase,	M. Hivase
43)	Shruti Yogesh Nagarkhanekar	S. Nagarkhanekar
44)	Roshma H. Bhagatkar	R. Bhagatkar
45)	Pinki Yadav	P. Yadav
46)	Prachi Vinod	Prachi
47)	Pranjal M. Manoharwar	P. Manoharwar
48)	Pooja M. Shende,	P. Shende
49)	Pipash M. Samiya,	P. Samiya
50)	Raj R. Gawande,	Raj
51)	Sakshi K. Dhormane,	S. Dhormane
52)	Sejal P. Khetkar	S. Khetkar
53)	Shalini D. Ganvir	S. Ganvir
54)	Samiksha S. Shingade,	S. Shingade
55)	Roshni Babhu Shukla	R. Shukla

56)	Rupam T. Dubey	R. Dubey
57)	Sakshi S. Laddkar	S. Laddkar
58)	Sanskрати Sanjay Bhokar	S. Bhokar
59)	Shailesh S. Muneswar	S.M.
60)	Shriamj Kati Naghime	S. Naghime
61)	Shreyash manaji Patil	S. Patil
62)	Shradddha D. Kumbhre	S.K.
63)	Sagar S. Sabel	S. Sabel
64)	Ria S. Sareena	R. Sareena
65)	Viniket V. Sutar	Viniket
66)	Vaishnavi S. Shastriker	V.
67)	Vaishnavi A. Chaudhari	Vaishnavi
68)	Urshala D. Arora	Urshala
69)	Tegawini R. Hingamkar	Tegawini
70)	Tanya H. Kshirsagar	Tanya
71)	Siddharth S. Kathole	S.K.
72)	Sojwal D. Dumbre	S. Dumbre
73)	Swati Sapam	S. Sapam
74)	Sanal U. Bitate	S. Bitate
75)	Sohel Shaikh	S. Shaikh
76)	Shubham Y. Kale	S. Kale
77)	Siddant S. Dalal	S. Dalal
78)	Arpita Raut	Arpita
79)	Manthan C. Marham	Manthan
80)	Radhika U. Deshpande	Radhika
81)	Yash Pravim Pohare	Yash
82)	Shruti S. Khaware	Shruti

Assistant Professor
Department of Computer Science
S.S.E.S. Am's Science College,
Congress Nagar, Nagpur

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur.

Certified Course In Python Programming
2019-20
Student Registration List

Sr. No.	Name Of Student
1	Akansha Jawade
2	Anjali Dhongade
3	Anjali Dongre
4	Ankit Rajesh Ninave
5	Ankita Chambhare
6	Apeksha Solanki
7	Arpita Raut
8	Arti Bharadwaj
9	Ashish Mahesh Arora
10	Ashish Mahesh Borkute
11	Ayush Ashok Vath
12	Chetan Channe
13	Chetan Santoshrao Rode
14	Divya Ghodmare
15	Divya Yadav
16	Gaurang Chinchulkar
17	Gaurav Gopal Kalamkar
18	Gaurav P. Bhakre
19	Gayatri S.Urkude
20	Himanshu S. Sakhare
21	Janhavi Yenurkar
22	Jitesh K. Khandare
23	Jyoti Shukla
24	Kanchan Apte
25	Komal Umrao Choudhari
26	Krupa Mahale
27	Krutika Limbad
28	Krutika Raut
29	Kshitij Dwijendra Mishra
30	Kunal Ravindra Derkar
31	Madhavi Dhande
32	Madhura Pande
33	Manish Bhujang Hiwase
34	Manthan C. Markam

35	Mrunal M. Bhandakkar
36	Mrunali Bokade
37	Mukesh Prakash Patle
38	Muskan Kamwani
39	Nayan L. Manghate
40	Neha Surve
41	Nehal Chandarana
42	Nikita Gokhale
43	Palash Y. Randhir
44	Phalguni khode
45	Pinki Yadav
46	Piyush Mahesh Somiya
47	Pooja Murlidhar Shende
48	Prachi Vinod Chauhan
49	Pranjal Manoj Manchalwar
50	Radhika Umesh Deshkar
51	Raj Ravindra Gawande
52	Reshma Nilkumar Bhagatkar
53	Ria Shailesh Saxena
54	Roshni Babbu Shukla
55	Rupam T Dubey
56	Sagar Sunilkumar Sabal
57	Sakshi Kishor Dhomane
58	Sakshi Surendra Ladkar
59	Samiksha Sanjay Shingode
60	Sanskruti Sanjay Bhokre
61	Sejal Prakash Khelkar
62	Shailesh S. Muneshwar
63	Shalini Dinesh Ganvir
64	Shraddha Dayaram Kumbhre
65	Shreyash Maroti Fating
66	Shrikunj Kapil Nashine
67	Shruti Surendra Khoware
68	Shruti Yogesh Nagardhankar
69	Shubham Yuvraj Kale
70	Siddhant Satish Dalal
71	Siddharth S. Kathole
72	Sohel Ejaz Shaikh
73	Sojwal Dinesh Dangre
74	Sonal Umesh Bitale
75	Swati Narsh Sayam
76	Tanaya Mahendra Kshirsagar

77	Tejaswini Rajesh Hinganeekar
78	Urshala Darshan Arora
79	Vaishnavi Arun Chaudhari
80	Vaishnavi Sanjay Shastrakar
81	Viniket Vijay Sutay
82	Yash Pravin Pohare

Prj

COURSE - COORDINATOR
Assistant Professor
Department of Computer Science
S.S.E.S. Am's Science College,
Congress Nagar, Nagpur



SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S SCIENCE COLLEGE, CONGRESS NAGAR,
NAGPUR

Certified Course on Python Programming

Announcement of Theory and Practical Examination Dates for Python Programming Certificate Course

NOTICE

Date: 22-Feb-2020

This is to inform all students enrolled in the Certificate Course on Python Programming that the dates for the Theory and Practical Examinations have been scheduled as follows:

Theory Examination:

- Date: ~~28~~-Feb-2022
- Time: 04:00 pm
- Venue: Room No B9

Practical Examination:

- Date: ~~29~~-Feb-2022
- Time: 04:00 pm
- Venue: BCA Lab, 3rd Floor

All students are required to be present at the examination venue at least 15 minutes before the scheduled time. Please ensure you bring your college ID card and any other necessary materials.

For any further queries, please contact the Department of Computer Science office.

Ms. Puja M. Dadhe

Course Co-ordinator



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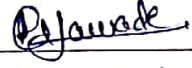
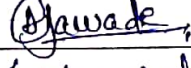
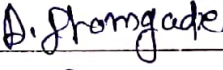
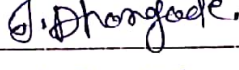
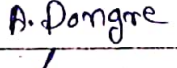
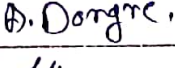
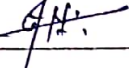
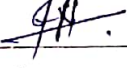
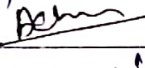
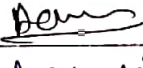
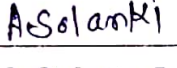
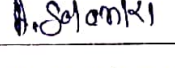
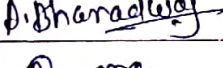
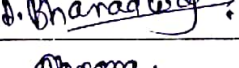
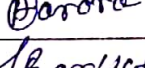
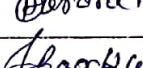
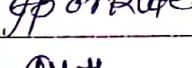
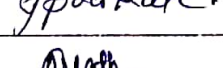
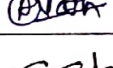
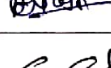
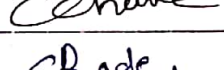
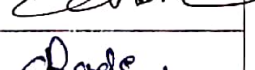
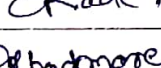
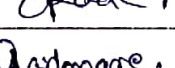
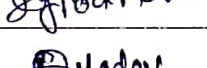
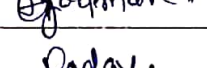
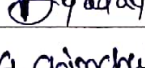
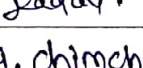
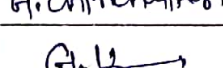
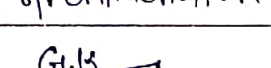
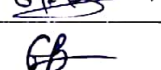
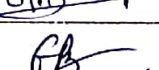


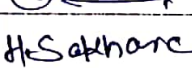
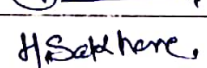
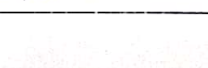
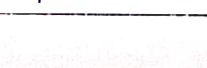


Professor & Head
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S.S.E.S. Am't's Science College,
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Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur.

Certified Course In Python Programming
Test Examination 2019-20
Attendance Sheet


Sr. No.	Roll no.	Name Of Student	Signature (Theory) Date: 28-Feb-2020	Signature(Practical) Date: 29-Feb-2020
1	1001	Akansha Jawade		
2	1002	Anjali Dhongade		
3	1003	Anjali Dongre		
4	1004	Ankit Rajesh Ninave		
5	1005	Ankita Chambhare		
6	1006	Apeksha Solanki		
7	1007	Arpita Raut	ABSENT	ABSENT
8	1008	Arti Bharadwaj		
9	1009	Ashish Mahesh Arora		
10	1010	Ashish Mahesh Borkute		
11	1011	Ayush Ashok Vath		
12	1012	Chetan Channe		
13	1013	Chetan Santoshrao Rode		
14	1014	Divya Ghodmare		
15	1015	Divya Yadav		
16	1016	Gaurang Chinchulkar		
17	1017	Gaurav Gopal Kalamkar		
18	1018	Gaurav P. Bhakre		
19	1019	Gayatri S.Urkude		
20	1020	Himanshu S. Sakhare		

21	1021	Janhavi Yenukar	J. Yenukar	J. Yenukar,
22	1022	Jitesh K. Khandare	J. Khandare	J. Khandare,
23	1023	Jyoti Shukla	Jyoti.	Jyoti
24	1024	Kanchan Apte	Kan	Kan
25	1025	Komal Umrao Choudhari	Chou	Chou
26	1026	Krupa Mahale	क्रुपा	क्रुपा
27	1027	Krutika Limbad	K. Limbad	K. Limbad,
28	1028	Krutika Raut	K. Raut.	K. Raut.
29	1029	Kshitij Dwijendra Mishra	Mishra	Mishra
30	1030	Kunal Ravindra Derkar	K. Derkar	K. Derkar,
31	1031	Madhavi Dhande	M. Dhande	M. Dhande,
32	1032	Madhura Pande	M. Pande	M. Pande,
33	1033	Manish Bhujang Hiwase	M. Hiwase	M. Hiwase,
34	1034	Manthan C. Markam	ABSENT	ABSENT
35	1035	Mrunal M. Bhandakkar	M. Bhandakkar	M. Bhandakkar
36	1036	Mrunali Bokade	M. Bokade	M. Bokade,
37	1037	Mukesh Prakash Patle	M. Patle	M. Patle,
38	1038	Muskan Kamwani	M. Kamwani	M. Kamwani,
39	1039	Nayan L. Manghate	N. Manghate	N. Manghate,
40	1040	Neha Surve	N. Surve	N. Surve,
41	1041	Nehal Chandarana	N. Chandarana	N. Chandarana,
42	1042	Nikita Gokhale	N. Gokhale.	N. Gokhale.
43	1043	Palash Y. Randhir	P. R.	P. R.
44	1044	Phalguni khode	P. Khode	P. Khode,

45	1045	Pinki Yadav	P. Yadav	P. yadav.
46	1046	Piyush Mahesh Somiya	Pomya.	Pomya,
47	1047	Pooja Murlidhar Shende	Pooja.	Pooja.
48	1048	Prachi Vinod Chauhan	Prachi.	Prachi.
49	1049	Pranjal Manoj Manchalwar	Pranjal.	Pranjal.
50	1050	Radhika Umesh Deshkar	ABSENT	ABSENT
51	1051	Raj Ravindra Gawande	Raj	Raj
52	1052	Reshma Nilkumar Bhagatkar	@Bhagatkar	@Bhagatkar
53	1053	Ria Shailesh Saxena	R. Saxena	R. Saxena,
54	1054	Roshni Babbu Shukla	R. Shukla	R. Shukla.
55	1055	Rupam T Dubey	R. Dubey.	R. Dubey
56	1056	Sagar Sunilkumar Sabal	S. Sabal	S. Sabal
57	1057	Sakshi Kishor Dhokane	S. D.	S. D.
58	1058	Sakshi Surendra Ladkar	S. Ladkar	S. Ladkar,
59	1059	Samiksha Sanjay Shingode	S. Shingode	S. Shingode
60	1060	Sanskriti Sanjay Bhokre	S. Bhokre	S. Bhokre,
61	1061	Sejal Prakash Khelkar	S. Khelkar	S. Khelkar
62	1062	Shailesh S. Muneshwar	S. M.	S. M.
63	1063	Shalini Dinesh Ganvir	S. Ganvir	S. Ganvir
64	1064	Shraddha Dayaram Kumbhre	S. K.	S. K.
65	1065	Shreyash Maroti Fating	S. Fating	S. Fating.
66	1066	Shrikunj Kapil Nashine	S. Nashine	S. Nashine
67	1067	Shruti Surendra Khoware	ABSENT	ABSENT
68	1068	Shruti Yogesh Nagardhankar	S. N.	S. N.

69	1069	Shubham Yuvraj Kale	S. Kale	S. Kale
70	1070	Siddhant Satish Dalal	S Dalal	S Dalal
71	1071	Siddharth S. Kathole	SK	SK
72	1072	Sohel Ejaz Shaikh	S. Shaikh	S. Shaikh
73	1073	Sojwal Dinesh Dangre	S D Dangre	S Dangre
74	1074	Sonal Umesh Bitale	S Bitale	S Bitale
75	1075	Swati Narsh Sayam	SSayam	SSayam
76	1076	Tanaya Mahendra Kshirsagar	Tanya	Tanya
77	1077	Tejaswini Rajesh Hinganeekar	Tejaswini	Tejaswini
78	1078	Urshala Darshan Arora	Urshala	Urshala
79	1079	Vaishnavi Arun Chaudhari	Vaishnavi	Vaishnavi
80	1080	Vaishnavi Sanjay Shastrakar	V	V
81	1081	Viniket Vijay Sutay	Viniket	Viniket
82	1082	Yash Pravin Pohare	ABSENT	ABSENT


 Assistant Professor
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 Congress Nagar Nagpur

SSES Amravati's Science College, Congress Nagar, Nagpur-12

DEPARTMENT OF COMPUTER SCIENCE

Final Examination

Session 2019-2020

Certificate Course in Python Programming

Maximum Marks: 60

Students Name: _____

Roll No: _____ Date: _____ Time: 1 HOUR

Name and Signature of Invigilator: _____

Note: 1. All Questions are compulsory and carry equal marks.
2. Tick the Correct option only.

1. Which Of The Following Items Are Present In The FunctionHeader?

- A. function name B. function name and parameter list
C. parameter list D. return value

2. What Will Be The Output Of The Following Code Snippet?

```
a=[1,2,3,4,5,6,7,8,9]
```

```
print(a[::2])
```

- A. [1,2] B. [8,9] C. [1,3,5,7,9] D. [1,2,3]

3. What Will Be The Output Of The Following CodeSnippet?

```
a=[1,2,3,4,5]
```

```
print(a[3:0:-1])
```

- A. Syntax error . B. [4, 3,2]
C.[4,3] D. [4, 3, 2,1]

4. Which module in Python supports regular expressions?

- A) re B) regex
C) pyregex D) none of the mentioned

5, Which of the following creates a pattern object?

- A) re.create(str) B) re.regex(str)
C) re.compile(str) D) re.assemble(str)

6. What does the function re.match do?

- A) matches a pattern at the start of the string B) matches a pattern at any position in the string
C) such a function does not exist D) none of the mentioned

7. How do you create a window??

- A) window = newWindow() B) window = Window()
C) window=Frame() D) window =Tk()



8. How do you create a frame?

- A) frame=newWindow()
- B) frame = Window()
- C) frame=Frame()
- D) frame = Tk()

9. How do you create an eventloop??

- A) window.loop()
- B) window.main()
- C) window.mainloop()
- D) window.eventloop()

10. How do you create a canvas under parent frame1 with background color white and foreground color green?

- A) Canvas(frame1, bg = "white", fg ="green")
- B) Canvas(frame1, bg = "white", fg = "green", command =processEvent)
- C) Canvas(frame1, bg = "white", command =processEvent)
- D) Canvas(frame1, fg = "green", command =processEvent)

11. To display an error dialog named "Variable is not assigned",use

- A) tkinter.messagebox.showinfo("showinfo", "Variable is notassigned")
- B) tkinter.messagebox.showwarning("showwarning", "Variable is notassigned")
- C) tkinter.messagebox.showerror("showerror", "Variable is notassigned")
- D) tkinter.messagebox.askyesno("ashyesno", "Variable is notassigned")

12. Which method of cursor class is used to get the number of rows affected after any of the insert/update/delete database operation executed from Python

- A) cursor.rowcount
- B) cursor.getaffectedcount
- C) cursor.rowscount

13. Which method is used to commit pending transaction to the database in Python?

- A) connection.commit()
- B) cursor.commit()
- C) Both
- D) None

14. Mandatory arguments required to connect any database from Python

- A) Username, Password, Hostname, Database Name, Port.
- B) Username, Password, Hostname
- C) Username, Password, Hostname, Database Name
- D) None

15. Exception raised when the relational integrity of the database is affected in Python

- A) IntegrityFailError
- B) IntegrityError
- C) IntegrityViolationError
- D) None

16. What is the correct way to create a string in Python?

- A)`str = 'Hello'`
- B)`str = Hello`
- C)`str = "Hello"``
- D)Both a and c

17. Which of the following is a mutable data type in Python?

- A)String
- B)Tuple
- C)List
- D)None of the above

18. What is the result of `3 + 2.0` in Python?

- A)5
- B)5.0
- C)32.0
- D)TypeError

19. How do you create a dictionary in Python?

- A)`dict = {}`
- B)`dict = []`
- C)`dict = ()`
- D)`dict = {key1: value1, key2: value2}`

20. Which of the following is not a standard type in Python?

- A)Integer
- B)Float
- C)Double
- D)Dictionary

21. What is the output of `type(3.14)` in Python?

- A)`<class 'int'>`
- B)`<class 'float'>`
- C)`<class 'double'>`
- D)`<class 'number'>`

22. Which function converts a string to an integer in Python?

- A)`int()`
- B)`str()`
- C)`float()`
- D)`convert()`

23. What is the correct way to create a tuple in Python?

- A)`tup = []`
- B)`tup = ()`
- C)`tup = {}`
- D)`tup = (1, 2, 3)`

24. Which operator is used for exponentiation in Python?

- A)`^`
- B)`''`
- C)`*`
- D)`%`

25. What is the output of `len([1, 2, 3, 4])`?

- A)3
- B)4

- C)5
- D)1

26. How do you check the type of an object in Python?

- A) `check()`
- B) `type()`
- C) `isinstance()`
- D) `objtype()`

27. Which of the following is not a built-in function in Python?

- A) `len()`
- B) `str()`
- C) `sort()`
- D) `append()`

28. What is the purpose of the `pass` statement in Python?

- A) It is used to pass control to the next block of code.
- B) It is a null statement that does nothing.
- C) It is used to exit a loop or function.
- D) It is used to handle exceptions.

29. How do you create a set in Python?

- A) `set = {}`
- B) `set = []`
- C) `set = {1, 2, 3}`
- D) `set = (1, 2, 3)`

30. Which function is used to find the maximum value in a list?

- A) `max()`
- B) `min()`
- C) `largest()`
- D) `greatest()`



Assistant Professor
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SSES Amravati's Science College, Congress Nagar, Nagpur-12
DEPARTMENT OF COMPUTER SCIENCE
Session 2019-2020
Certificate Course
Examination

Course Name: Python Programming

Time: 60 Minutes]

[Max. Marks: 40

Practical Exam Slip

1. Hello World and User Input: Write a program that prints "Hello, World!" and takes user input to display a personalized greeting.
2. Basic Arithmetic Operations: Create a calculator program that performs addition, subtraction, multiplication, and division based on user input.
3. List Operations: Write a program to create a list of numbers, find the sum, average, and sort the list.
4. String Manipulation: Develop a program to count the number of vowels in a given string and reverse the string.
5. Simple Banking System: Implement a simple banking system where users can check their balance, deposit, and withdraw money.
6. File Handling: Create a program to read from a file, count the number of words, and write the results to a new file.
7. Dictionary Operations: Write a program to create a dictionary from user input, allowing the addition, deletion, and lookup of keys.
8. Function Practice: Develop a program that includes a function to check if a given number is prime and another function to generate Fibonacci series up to a given number.
9. Basic OOP: Implement a class for a simple library system where books can be added, borrowed, and returned.
10. Web Scraping: Write a program using the `requests` and `BeautifulSoup` libraries to scrape data from a website and display specific information, like headlines from a news site.


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Shri Shivaji Education Society Amravati's
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Certified Course In Python Programming
2019-20
Final Result

Date:

Sr. No.	Roll no.	Name Of Student	Theory (out of 60)	Practical (out of 40)	Total 100	Grade
1	1001	Akansha Jawade	48	30	79	B+
2	1002	Anjali Dhongade	46	31	78	B+
3	1003	Anjali Dongre	38	36	75	B+
4	1004	Ankit Rajesh Ninave	50	33	83	A
5	1005	Ankita Chambhare	26	37	64	B
6	1006	Apeksha Solanki	48	32	80	A
7	1007	Arpita Raut	ABSENT	ABSENT	0	--
8	1008	Arti Bharadwaj	46	31	76	B+
9	1009	Ashish Mahesh Arora	24	33	58	B
10	1010	Ashish Mahesh Borkute	26	35	61	B
11	1011	Ayush Ashok Vath	46	36	81	A
12	1012	Chetan Channe	36	33	68	B
13	1013	Chetan Santoshrao Rode	42	33	74	B+
14	1014	Divya Ghodmare	48	36	85	A
15	1015	Divya Yadav	40	34	74	B+
16	1016	Gaurang Chinchulkar	36	34	69	B
17	1017	Gaurav Gopal Kalamkar	40	35	75	B+
18	1018	Gaurav P. Bhakre	38	31	69	B
19	1019	Gayatri S.Urkude	48	36	84	A
20	1020	Himanshu S. Sakhare	30	36	66	B

21	1021	Janhavi Yenukar	46	32	77	B+
22	1022	Jitesh K. Khandare	40	32	72	B+
23	1023	Jyoti Shukla	44	35	79	B+
24	1024	Kanchan Apte	26	35	60	B
25	1025	Komal Umrao Choudhari	42	35	77	B+
26	1026	Krupa Mahale	38	34	73	B+
27	1027	Krutika Limbad	36	35	66	B
28	1028	Krutika Raut	40	30	70	B+
29	1029	Kshitij Dwijendra Mishra	40	32	72	B+
30	1030	Kunal Ravindra Derkar	44	36	80	A
31	1031	Madhavi Dhande	44	33	77	B+
32	1032	Madhura Pande	30	30	60	B
33	1033	Manish Bhujang Hiwase	38	30	69	B
34	1034	Manthan C. Markam	ABSENT	ABSENT	0	--
35	1035	Mrunal M. Bhandakkar	26	36	63	B
36	1036	Mrunali Bokade	42	34	77	B+
37	1037	Mukesh Prakash Patle	36	31	67	B
38	1038	Muskan Kamwani	30	36	67	B
39	1039	Nayan L. Manghate	44	34	78	B+
40	1040	Neha Surve	36	33	68	B
41	1041	Nehal Chandarana	40	37	77	B+
42	1042	Nikita Gokhale	38	32	81	A
43	1043	Palash Y. Randhir	26	35	60	B
44	1044	Phalguni khode	32	33	64	B

45	1045	Pinki Yadav	28	32	60	B
46	1046	Piyush Mahesh Somiya	34	30	64	B
47	1047	Pooja Murlidhar Shende	26	31	56	B
48	1048	Prachi Vinod Chauhan	26	32	58	B
49	1049	Pranjal Manoj Manchalwar	30	30	60	B
50	1050	Radhika Umesh Deshkar	ABSENT	ABSENT	0	--
51	1051	Raj Ravindra Gawande	42	32	75	B+
52	1052	Reshma Nilkumar Bhagatkar	28	31	59	B
53	1053	Ria Shailesh Saxena	46	30	76	B+
54	1054	Roshni Babbu Shukla	36	33	69	B
55	1055	Rupam T Dubey	30	31	60	B
56	1056	Sagar Sunilkumar Sabal	28	37	65	B
57	1057	Sakshi Kishor Dhomane	46	30	77	B+
58	1058	Sakshi Surendra Ladkar	36	30	65	B
59	1059	Samiksha Sanjay Shingode	26	32	57	B
60	1060	Sanskriti Sanjay Bhokre	46	37	82	A
61	1061	Sejal Prakash Khelkar	38	37	74	B+
62	1062	Shailesh S. Muneshwar	47	36	83	A
63	1063	Shalini Dinesh Ganvir	28	34	62	B
64	1064	Shraddha Dayaram Kumbhre	48	30	79	B+
65	1065	Shreyash Maroti Fating	50	30	80	A
66	1066	Shrikunj Kapil Nashine	28	34	61	B
67	1067	Shruti Surendra Khoware	ABSENT	ABSENT	0	--
68	1068	Shruti Yogesh Nagardhankar	42	33	75	B+

69	1069	Shubham Yuvraj Kale	32	30	62	B
70	1070	Siddhant Satish Dalal	26	37	64	B
71	1071	Siddharth S. Kathole	44	32	76	B+
72	1072	Sohel Ejaz Shaikh	46	31	76	B+
73	1073	Sojwal Dinesh Dangre	44	32	76	B+
74	1074	Sonal Umesh Bitale	34	33	66	B
75	1075	Swati Narsh Sayam	42	36	79	B+
76	1076	Tanaya Mahendra Kshirsagar	48	31	78	B+
77	1077	Tejaswini Rajesh Hinganekar	44	32	76	B+
78	1078	Urshala Darshan Arora	50	31	58	B
79	1079	Vaishnavi Arun Chaudhari	32	31	62	B
80	1080	Vaishnavi Sanjay Shastrakar	32	36	68	B
81	1081	Viniket Vijay Sutay	28	30	58	B
82	1082	Yash Pravin Pohare	ABSENT	ABSENT	0	--

Pow

COURSE - COORDINATOR .

Assistant Professor
Department of Computer Science
S.S.E.S. Am't's Science College,
Congress Nagar, Nagpur

[Signature]

Professor & Head
Department of Computer Science
S.S.E.S. Am't's Science College,
Congress Nagar, Nagpur



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<u>Add-on Course</u>				
Course Exam Name: Certificate Course in Python Programming				
Name of Student:		INSTRUCTIONS FOR FILLING THE SHEET 1. This sheet should not be folded or crushed. 2. Use only blue/ black ball point pen to fill the circles. 3. Use of pencil is strictly prohibited. 4. Circles should be darkened completely and properly. 5. Cutting and erasing on this sheet is not allowed. 6. Do not use any stray marks on the sheet. 7. Do not use marker or white fluid to hide the mark. WRONG METHODS CORRECT METHOD 		
Roll No.:	<input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>			Session: 2019-20
Test Date: 28/02/2020	Max. Marks: 60			
Invigilator Signature	Obtained Marks:			<input style="width: 40px; height: 20px;" type="text"/>

A B C D	A B C D	A B C D	A B C D	A B C D
1 ○ ○ ○ ○	11 ○ ○ ○ ○	21 ○ ○ ○ ○	31 ○ ○ ○ ○	41 ○ ○ ○ ○
2 ○ ○ ○ ○	12 ○ ○ ○ ○	22 ○ ○ ○ ○	32 ○ ○ ○ ○	42 ○ ○ ○ ○
3 ○ ○ ○ ○	13 ○ ○ ○ ○	23 ○ ○ ○ ○	33 ○ ○ ○ ○	43 ○ ○ ○ ○
4 ○ ○ ○ ○	14 ○ ○ ○ ○	24 ○ ○ ○ ○	34 ○ ○ ○ ○	44 ○ ○ ○ ○
5 ○ ○ ○ ○	15 ○ ○ ○ ○	25 ○ ○ ○ ○	35 ○ ○ ○ ○	45 ○ ○ ○ ○
6 ○ ○ ○ ○	16 ○ ○ ○ ○	26 ○ ○ ○ ○	36 ○ ○ ○ ○	46 ○ ○ ○ ○
7 ○ ○ ○ ○	17 ○ ○ ○ ○	27 ○ ○ ○ ○	37 ○ ○ ○ ○	47 ○ ○ ○ ○
8 ○ ○ ○ ○	18 ○ ○ ○ ○	28 ○ ○ ○ ○	38 ○ ○ ○ ○	48 ○ ○ ○ ○
9 ○ ○ ○ ○	19 ○ ○ ○ ○	29 ○ ○ ○ ○	39 ○ ○ ○ ○	49 ○ ○ ○ ○
10 ○ ○ ○ ○	20 ○ ○ ○ ○	30 ○ ○ ○ ○	40 ○ ○ ○ ○	50 ○ ○ ○ ○

Answer Key



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Add-on Course			
Course Exam Name: Certificate Course in Python Programming			
Name of Student:		INSTRUCTIONS FOR FILLING THE SHEET	
Roll No.: <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/> <input style="width: 20px; height: 20px;" type="text"/>		1. This sheet should not be folded or crushed. 2. Use only blue/ black ball point pen to fill the circles. 3. Use of pencil is strictly prohibited. 4. Circles should be darkened completely and properly. 5. Cutting and erasing on this sheet is not allowed. 6. Do not use any stray marks on the sheet. 7. Do not use marker or white fluid to hide the mark.	
Session: 2019-20			
Test Date: 28/02/2020		Max. Marks: 60	
Invigilator Signature		Obtained Marks: <input style="width: 40px; height: 20px;" type="text"/>	
		WRONG METHODS CORRECT METHOD 	

A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
1	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	11	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	21	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	12	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	22	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	13	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	23	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	14	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	24	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	15	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	25	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	16	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	26	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	46	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	17	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	27	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	18	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	28	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	38	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	48	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	19	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	29	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	39	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	49	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	20	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	30	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	40	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	50	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



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<u>Add-on Course</u>			
Course Exam Name: Certificate Course in Python Programming			
Name of Student:		INSTRUCTIONS FOR FILLING THE SHEET	
Akansha Jawade		1. This sheet should not be folded or crushed.	
Roll No.:	1001	Session: 2019-20	2. Use only blue/ black ball point pen to fill the circles.
Test Date: 28/02/2020	Max. Marks: 60		3. Use of pencil is strictly prohibited.
Invigilator Signature	Obtained Marks:	48	4. Circles should be darkened completely and properly.
			5. Cutting and erasing on this sheet is not allowed.
			6. Do not use any stray marks on the sheet.
			7. Do not use marker or white fluid to hide the mark.
			WRONG METHODS CORRECT METHOD
			<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>

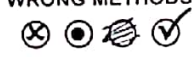
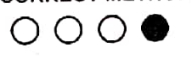

A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
1	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	11	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	21	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	12	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	22	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	13	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	23	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	14	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	24	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	15	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	16	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	26	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	46	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	17	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	27	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	18	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	28	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	38	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	48	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	19	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	29	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	39	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	49	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	20	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	30	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	40	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	50	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



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Add-on Course				
Course Exam Name: Certificate Course in Python Programming				
Name of Student: Anjali Dhongale		INSTRUCTIONS FOR FILLING THE SHEET 1. This sheet should not be folded or crushed. 2. Use only blue/ black ball point pen to fill the circles. 3. Use of pencil is strictly prohibited. 4. Circles should be darkened completely and properly. 5. Cutting and erasing on this sheet is not allowed. 6. Do not use any stray marks on the sheet. 7. Do not use marker or white fluid to hide the mark. WRONG METHODS CORRECT METHOD  		
Roll No.:	1 0 0 2			Session: 2019-20
Test Date: 28/02/2020	Max. Marks: 60			
 Invigilator Signature	Obtained Marks:			46

1	A B C D <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>	11	A B C D <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	21	A B C D <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/>	31	A B C D <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	41	A B C D <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
2	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	12	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/>	22	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input checked="" type="radio"/>	32	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	42	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
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4	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/>	14	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>	24	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input checked="" type="radio"/>	34	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	44	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
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6	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/>	16	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input checked="" type="radio"/>	26	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input checked="" type="radio"/>	36	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	46	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
7	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/>	17	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/>	27	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/>	37	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	47	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
8	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/>	18	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input checked="" type="radio"/>	28	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input checked="" type="radio"/>	38	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	48	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>
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10	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/>	20	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/>	30	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input checked="" type="radio"/>	40	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	50	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>



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**SCIENCE COLLEGE, CONGRESS NAGAR,
NAGPUR**



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A College with Potential for Excellence

CERTIFICATE

Mr./Ku. Akansha Jawade is awarded with certificate on successful completion of the course entitled, Certificate course in Python Program in Session 2019-20 under Add-on course conducted for 30 hours from 12/2/2019 to 21/02/2020 by Department of Computer Science, SSESAs, Science College, congress Nagar, Nagpur 440012.
He/She has passed the Examination with '**B+**' Grade.

Ms. P. M. Dadhe
Coordinator, Department of Computer Science

Prof. M. P. Dhore
Principal, Science College, Nagpur

Action Taken:

A free Add-On Course for UG students in the Department of Computer Science, Shri Shivaji Education Society Amravati's Science College, Congress Nagar, Nagpur was held from 6 Dec 2019 to 21 February 2020. The course title was "Introduction to Python Programming". 82 students appeared and passed in both theory and practical examination. The result was prepared and certificates were distributed to the students.



Assistant Professor
Department of Computer Science
S.S.E.S. Am's Science College
Congress Nagar, Nagpur



IQAC Coordinator
Science College,
Congress Nagar Nagpur

**Shri Shivaji Education Society Amravati's Science College,
Congress Nagar, Nagpur**

**Add on Course in Introduction to Python Programming Feedback
Form**

Name of Student.....

Please rate the following aspects of the program on a scale from 1 to 5, with

1. Best	2. Excellent	3. Good	4. Satisfactory	5. Fair
---------	--------------	---------	-----------------	---------

Q.1 How would you rate the organization and structure of the course?

1 2 3 4 5

Q.2 How do you rate the quality of the delivery of the units by the Teacher?

1 2 3 4 5

Q.3 How useful were the hands-on assignments and projects in enhancing your practical understanding of Python programming?

1 2 3 4 5

Q.4 How well-organized was the course structure, including the sequencing of topics and the pacing of the material?

1 2 3 4 5

Q.5 Overall, how would you rate your learning experience in this Python Programming?

1 2 3 4 5

Q.6 Any Suggestions:

Feedback Analysis

1. Number of Students Registered for the Course :82
2. Number of Students submitted the Feedback :80
3. Question wise analysis of the Feedback:

Sr. No	Question	Responses in Percentage (%)				
		Best	Excellent	Good	Satisfactory	Fair
1)	How would you rate the organization and structure of the course?	47.5	23.75	15	12.5	1.25
2)	How do you rate the quality of the delivery of the units by the Teacher?	50	25	13.75	11.25	0
3)	How useful were the hands-on assignments and projects in enhancing your practical understanding of Python programming?	51.25	26.25	12.5	10	0
4)	How well-organized was the course structure, including the sequencing of topics and the pacing of the material?	52.5	23.75	21.25	2.5	0
5)	Overall, how would you rate your learning experience in this course?	48.75	22.5	11.25	5	0
6)	Any Suggestions	No Suggestions: 79% Remaining Comments: Good Course, Nice Course, Change the timing of Classes				

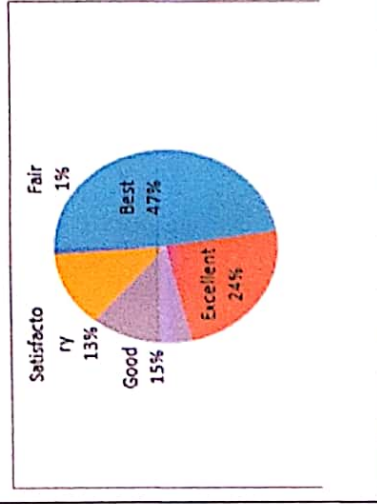
Remark: Students commented that the course will be useful in professional life.

Department will keep on improving the quality of the course.

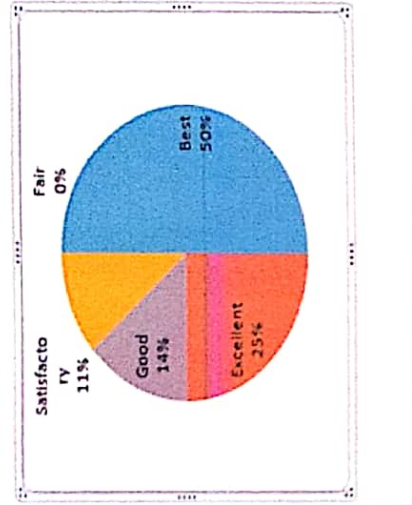
Certificate course: Introduction to Python Programming (2019-20)

Feedback Analysis

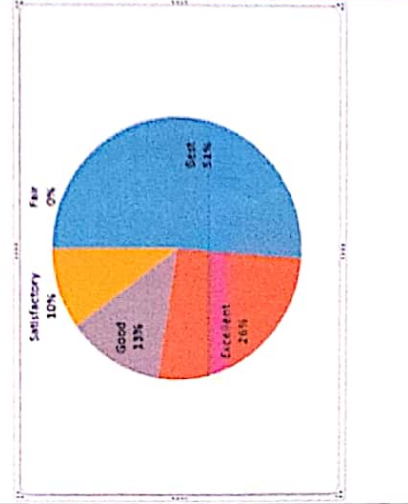
1. How would you rate the organization and structure of the course?



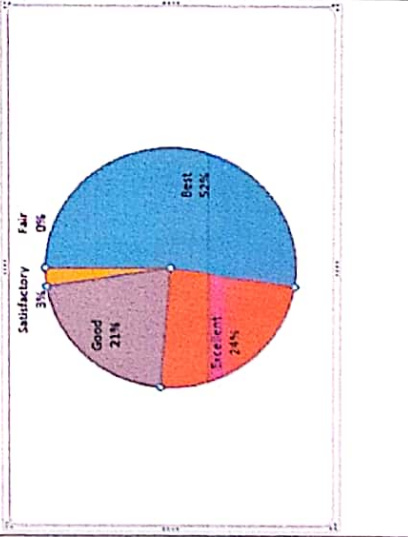
2. How do you rate the quality of the delivery of the units by the Teacher?



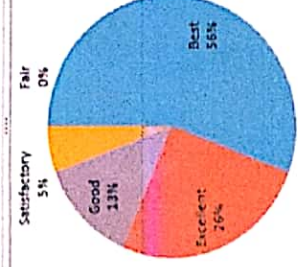
3. How useful were the hands-on assignments and projects in enhancing your practical understanding of Python programming?



4. How well-organized was the course structure, including the sequencing of topics and the pacing of the material?



5. Overall, how would you rate your learning experience in this course?



Prof.

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