



# R. J. COLLEGE of Arts, Science & Commerce (AUTONOMOUS)

(Hindi Vidya Prachar Samiti's RAMNIRANJAN JHUNJHUNWALA COLLEGE of Arts, Science & Commerce)

Opposite Ghatkopar Railway Station, Ghatkopar (West), Mumbai 400086, Maharashtra, INDIA.

Website: [www.rjcollege.edu.in](http://www.rjcollege.edu.in)

Email: [rjcollege@rjcollege.edu.in](mailto:rjcollege@rjcollege.edu.in)

Tel No: +91 22 25151763

Fax No: +91 22 25150957

College is recognized under Section 2(f) & 12(B) of the UGC Act, 1956

Affiliated to UNIVERSITY OF MUMBAI || NAAC Re-Accredited 'A' Grade (CGPA: 3.50)

24<sup>th</sup> June, 2021

## Notice

**Department of Statistics**  
**Value Added Course in**  
**Basics of Python Programming**  
Organized on  
**Monday, June 28- July 10, 2021**  
(DBT Star College Activity)



  
PRINCIPAL  
RAMNIRANJAN JHUNJHUNWALA COLLEGE  
OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)  
Ghatkopar (W), Mumbai-400086, Maharashtra, INDIA

2019: Star College Status by DBT

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AY 2020 Onwards

# Hindi Vidya Prachar Samiti's RAMNIRANJAN JHUNJHUNWALA COLLEGE (AUTONOMOUS)

(Also known as R. J. College of Arts, Science & Commerce as per UGC Notification)

Affiliated to UNIVERSITY OF MUMBAI II Recognized by UGC under 2f & 12B  
NAAC Accredited 'A GRADE' with CGPA 3.50

## Knowledge is all Ambrosia

CERTIFICATE  
COURSE IN

Basics of  
Python  
Programming

A

T

S

M

C



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Mumbai 400 086, Maharashtra, INDIA.



# ABOUT US

Hindi Vidya Prachar Samiti was incepted on the auspicious day of Shri Krishna Janmashtami, 15th August 1938. A brain child of a visionary Late Shri Nandkishore Singh Jairamji, samiti was established with the objectives of catering to the educational needs of the Hindi speaking community. Ramniranjan Jhunjhunwala College came into existence in 1963, enabling a larger section of the society to take advantage of the facilities provided for higher education.

From 1999-2000 the College has added a number of self-financing courses like B.M.S., B.B.I., B.Sc. in Computer Science, Information Technology, Biotechnology, M.Sc. in Computer Science, Biotechnology and Information Technology as well as add on courses, which further hone the special skills of the students.

The college has been reaccredited with 'A' Grade by NAAC in 2014 with a CGPA 3.50 and received the Best College Award (2007-2008) of the University of Mumbai. The College has been bestowed with IMC "Ramkrishna Bajaj Performance Excellence Trophy", 2010.

The Principal of the college was awarded "Best Teacher" by Government of Maharashtra in 2011.

Government of Maharashtra conferred the college with "JAAGAR JAANIVANCHA" (First in Mumbai Suburban- in 2013 and Second in Mumbai Suburban- in 2014) for safety of girls.

**C**ourse Code: **RJITC01**

**D**uration: **30** hours

**C**redits : **02**

# ABOUT COURSE

This course aims to teach the basics of programming using Python .Introduce the core data structures of the Python programming language. Explore the complex ways of handling data, including files,tuples , lists, and dictionaries for building complex programs.Learn to build applications which interact with the MySql database.






# COURSE OBJECTIVE

This course is designed to become Intermediate Python programmers who want to level up their skills

## COURSE CONTENT

Module	Topics	Hours
	<b>Introduction to Python Programming</b>	
I	Introduction, Operators and Expressions, Decision, Statements, Loop Control Statements, Functions	3
	<b>Strings, Lists, Tuples and Dictionaries</b>	
II	1 Strings, Lists, Tuples, Dictionaries	3
	<b>Object Oriented Programming in Python</b>	
III	1 Classes and Objects, Inheritance, Data Encapsulation, Data Hiding	3
	<b>File Handling and Exception Handling</b>	
IV	File Handling, Exception Handling	3
	<b>Modules and Packages</b>	
V	Modules, Packages	3
	<b>GUI</b>	
VI	1 Adding Widgets, Layout Management, Look and feel Customization, 4 Using Turtle Module	5
VII	<b>Storing Data in Our MySQL Database via Our GUI</b>	5
VIII	<b>Developing a Mini Project</b>	5



# COURSE OUTCOME

- Understand the of basics of Python Programming
- Learn to implement Object Oriented Programming concepts
- Design an interactive GUIs in Python
- Learn the basic of database design for storing ,processing and retrieving data
- Will be able to build solution to real time problems through python programming



## EVALUATION

Mode of Assessment	Maximum Marks (50)	Minimum Marks (20)
Programming Exercise	20	8
Assignment	40	16
Project	40	16

100 MARKS



PASSING 40

# WHO SHOULD DO

The learner should have basic programming knowledge.

# IT?



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## Flyer

Hindi Vidya Prachar Samiti's  
**RAMNIRANJAN JHUNJHUNWALA COLLEGE OF ARTS,  
SCIENCE AND COMMERCE**

**(AUTONOMOUS)**  
**(DBT Star College Activity)**  
**DEPARTMENT OF STATISTICS**

organises

**Value added course in**

**'Basics of Python Programming'**  
Conducted by Department of IT & CS

28 June to 10 July, 2021 09 AM to 11 AM zoom platform



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## Report

The Department of Statistics organized a value added course in 'Basics of Python Programming' from June 28 to July 10, 2021. Ms. Prachi Surve, Department of Information Technology, Ms. Anita Gaikward and Ms. Priyanka Nimse from Dept. of Computer Science of R.J.College were resource persons for this course. The duration of this course was 30 hours. Quizzes, Assignments and Mini projects were given to students for evaluation. They explained very well how to write different codes using Python software and also discussed various problems in Statistics. In all 32 participants of FYBSC, SYBSC and TYBCOM benefited from this course.

**No. of registered students = 65**

**No. of participants benefited = 32** (FYBSC (Stats and Biotechnology), SYBSC (Stats and Biotechnology), TYBCom)

Registration Link: [Registration Link for Value added course in Statistics \(Responses\)](#)

Lecture Link:

Day 1- <https://youtu.be/-T3wGOePuRw>

Day 2- <https://youtu.be/HNGxqcTejil>

Day 3 - [https://youtu.be/\\_glwoqzL780](https://youtu.be/_glwoqzL780)

Day 4- <https://youtu.be/0hSWKE1usvg>

Day 5- <https://youtu.be/vI3bc99g-H4>

Day 6- [https://youtu.be/l8A\\_3\\_mkIT8](https://youtu.be/l8A_3_mkIT8)

Day 7 - <https://youtu.be/3caMwNbm20Q>

Day 8 - <https://youtu.be/5ANdA3lGHzw>



  
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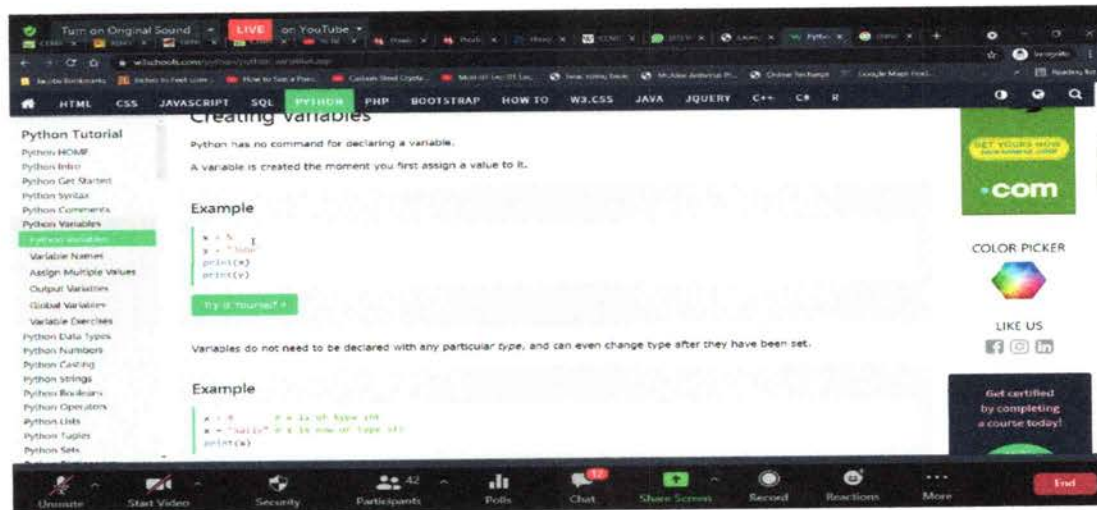
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## Photos



  
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## LIST OF REGISTERED STUDENTS

SR NO.	Name	Class	Roll Number
1	ABHISHEK JOHAN SAHANI	SYbsc	321
2	Janhavi Kulkarni	Sybsc	315
3	Shirsat Ritesh Prabhakar	SYBsc	111
4	SHIVANI UTTAM HUNDARE	SyBsc	312
5	SAURABH SHIVPRAKASH TRIPATHI	SYBSC	332
6	Vishakha Shrikant Singh	Sybsc	331
7	Chinmay Shinde	FYBSC	775
8	Vishvajeet Mahendra Rai	FYBSc	767
9	Abhishek pandey	Fybsc	748
10	Khan Shifa Mohd. Wasim	FyBsc	727
11	Om Umanath Maurya	Sybsc	105
12	Akash Kishor Das	Sybsc	304
13	Kavita Chaurasiya	FYBSc	706
14	Prajapati Anjali Dayanand	F.Y.B.sc	763
15	Khan Hanifa Mohd Irfan	F.Y.B.sc	802
16	Jyoti Shukla	Sy. B.sc	112
17	Vaishali Dhananjay Pandey	FYBSc	754
18	Sneha suryabhan Chauhan	Fybsc	705
19	Chandraketika Patel	Fybsc	758
20	Aryan Dubey	Sy Bsc	306
21	Raj Salvi	SYBSC	323
22	Ronak Chandela	FYBsc	703
23	Ansari Mohd Sufiyan Sanauallah	SYBSC	301
24	Utkarsh Mishra	FY Bsc	737
25	LADLI BHAGAT	Sybsc	302
26	Vedant Ramesh Mishra	Fybsc	738
27	Tanvi Maurya	TybcOm	378
28	Nilesh Kumar pandey	Fybsc	750
29	Sunil Ramsudhi Jaiswal	SYBsc	103
30	Dewashya Mahendranath Dubey	SYBSc	101
31	Zaid Khan	Sybsc	104
32	Mishra Satyam Jaiprakash	Sybsc	106
33	Dubey jagdambaprasad angadprasad	Sybsc	307
34	Ashutosh Surendra Pal	Fybsc	906
35	Shivam pandey	fybsc	751
36	Sejal khemaji gawade	Fybsc	799
37	shivam satyaprakash pandey	fybsc	752
38	Pal Amitkumar Shish	FYBSC	743
39	Arif siddique	Fybsc	775
40	Siddiqui Mubashera Ansar Ahmed	SYBSC	326
41	SACHIN SHIVPRAKASH TRIPATHI	HSC	247
42	Seema Harilal Pal	Fybsc	745
43	Khan fahima khaton shahalam	F.Y.bsc	711
44	Vinit Ashok Dubey	Fybsc	710
45	Tripathi Abhinav Kumar Vishnudatt	Sybac	116
46	Sameera Khan	Fybsc	805

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48	Aadarsh Prashant Gupta	Sy biotechnology	15
49	Shivam Mishra	FYBSC	800
50	Shraddha gulabdhar tiwari	Fy	782
51	Satyarthi Suman Surendra	FYBT	45
52	Hariom Narayan Umesh Thakur	F.Y. Biotechnology	61
53	Dwivedi Vipul	SYBSc	203
54	Sani Chauhan	FyBt	6
55	Shruti Sanjay Pathak	FY.Bsc Biotechnology	39
56	Jayesh Digambar Pande	FYBT	32
57	Anjali Mohanlal Pal	SYBSc	30
58	Akash Sushil Kumar Upadhyay	Sybsc	221
59	Shaikh Shaziya Jamil Ahmed	Fybsc	50
60	ANSARI MOHD ADNAN SANAUULLAH	SYBSc	001
61	Shaikh Ambreen Mohd Shamim	Sybsc	37
62	PRINCY MAHESH KUMAR VERMA	Sybsc	67
63	Suraj pal	Tybsc	317
64	Charulata Anil Avhad	MSc KJS	201
65	SHUBHAM SANJAY SHEDEKAR	SYBSc	324



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Certificate of Completion

This is to certify that

**SHAIKH AMBREEN MOHD SHAMIM AHMED MUSARRAT JAHAN**

of Class TYBSC Roll No. 85

has successfully completed the Value-Added Course in **BASICS OF PYTHON PROGRAMMING** organized by  
Department of STATISTICS and conducted from 28th JUNE to 10th JULY 2021

COURSE CODE  
**RJSTATC02**



Issue Date: 24 June, 2022



Dr. Himanshu Dawda  
In-charge Principal

CERTIFICATE ID: RJC-VAC-202122-1822



  
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