

"Education through self-help is our motto" - KARMAVEER
RAYAT SHIKSHAN SANSTHA'S
RAJARSHI CHHATRAPATI SHAHU COLLEGE, KOLHAPUR
DEPARTMENT OF STATISTICS

Organized
Computation of Statistics using Open-Source Software
Self – Funded under Skill Oriented Courses in the academic year 2023-24
COURSE REPORT

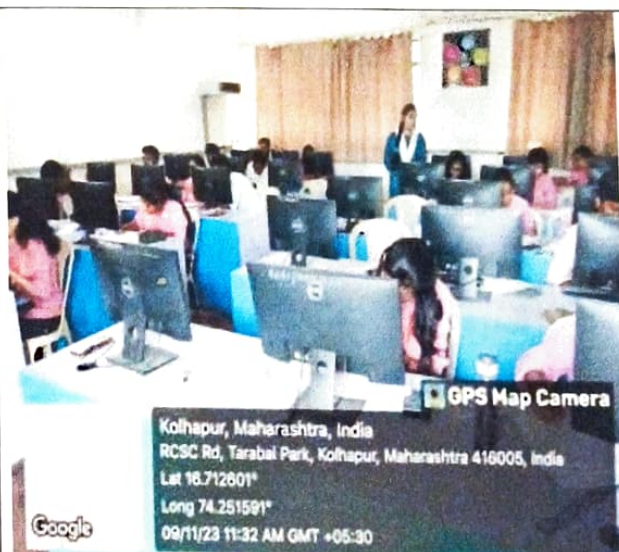
Department of statistics organized the certificate course on computation of statistics using Open-Source Software (R) for M. Sc. students for the academic year 2023-24. The main objectives of this course are:

- To learn R-software and how to use it for effective exploratory data analysis.
- To learn number of data types, data structures, various operators
- To learn syntax of various loops
- To learn various inbuilt functions
- To learn how to simulate data from various distributions
- To learn analysis of one-way and two-way analysis of data

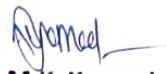
For this course fee of Rs.500 charged to the students. The course was conducted in the period of 06/10/2023 to 10/11/2023. Total number of beneficiaries for this course is 20. After completion of this course student's knowledge was checked through various computation task through assignments. Each student who successfully completed this course was awarded by certificate. Mr. Chougule P. S.(co-ordinator). Smt.Amate S. A., Smt. Patil S. S., Mr. Kamble S. S. worked as a Resource person for this course.

Outcomes: The students shall become confident and equipped with all the knowledge requires to perform analytical activities using R Software.

**Total number of
beneficiaries is 20.**




Mr. P. S. Chougule
Head & Coordinator
Department of Statistics


Dr. M.K. Kannade
Incharge,
Short term Courses


Dr. S. D. Shaikh
IQAC
Coordinator

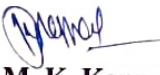

Dr. L. D. Kadam
Principal
R. C. Shahu College, Kolhapur

"Education through self-help is our motto"- KARMAVEER
 Rayat Shikshan Sanstha's
Rajarshi Chhatrapati Shahu College, Kolhapur
Department of Statistics
 Organized
Certificate Course on Computation of Statistics using open source
Software
held on 6/10/2023 to 10/11/2023
 (Self – Funded)
 Under
COC and Short Term Courses
2023-2024

Income and Expenditure Statement

Income	Amount (in Rs.)	Expenditure	Amount (in Rs.)
Particulars		Particulars	
1) Total Participants = 20 (20*500)	10000/-	1) GST 18 %	1800/-
		2) Certificate Printing	300/-
		3) Remuneration for Recourse Person Lumpsum (40% of Total amount 7900 is 3160/- equally distributed into 3 persons)	
		i) Mr.Kamble S.S.	1054/-
		ii) Smt. Patil S.S.	1053/-
		iii) Smt. Amate S.A.	1053/-
		4)Balance to College	4740/-
Total	10000=00	Total	10000=00


Mr. P. S. Chougule
 Co-ordinator & Head,
 Department of Statistics,
 R. C. Shahu College, Kolhapur


Dr. M. K. Kannade
 Incharge, Short Term Courses,
 R. C. Shahu College, Kolhapur


Dr. L.D.Kadam
 Principal,
 R. C. Shahu College, Kolhapur

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Rayat Shikshan Sanstha's



RAJARSHI CHHATRAPATI SHAHU COLLEGE, KOLHAPUR

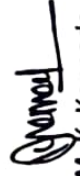
NAAC 4th Cycle Reaccredited with A++ (CGPA- 3.78)

DEPARTMENT OF STATISTICS

CERTIFICATE

This is to certify that Prof./Shri/Smt. Chavan Prashant Sunil of R.C. Shahu College, Kolhapur has attended and participated / Delivered a Lecture as Resource Person/ Successfully completed Certificate Course in **Computation of Statistics** using **open source software** organized by Department of Statistics Rajarshi Chhatrapati Shahu College, Kolhapur from 06/10/2023 to 10/11/2023


Mr. P. S. Chougule
Coordinator & Head,
Dept. of Statistics


Dr. M. K. Kannade
In charge
Short term Courses


Dr. S. D. Shaikh
IQAC
Coordinator


Dr. L. D. Kadam
Principal
R. C. Shahu College, Kolhapur.

Rayat Shikshan Sanstha's
Rajarshi chhatrapati shahu College, Kolhapur.
Department of statistics organised certificate course on
Computations of Statistics using open source software on 6/10/2023 to 10/11/2023

Sr. No.	Name of Students	Fee in Rs.
1	Aralekar Sakshi T.	500
2	Chaugale Padmashri B.	500
3	Chaugule Sakshi R.	500
4	Chavan Prashant S.	500
5	Chavan Rutuja R	500
6	Chougale Ankita Vasant	500
7	Chougale Pradnya H.	500
8	Gholase Ritesh Ravalu	500
9	Jawalkote Rajnikant G.	500
10	Kamble Aditya Sambhaji	500
11	Kamble Arati Shivaji	500
12	Mullani Sana Siraj	500
13	Musale Arati Parappa	500
14	Patil Avinash Ramdas	500
15	Patil Harshada Krushnat	500
16	Patil Vidya Suresh	500
17	Shinde Vaishnavi Vijay	500
18	Tiware Patil Shruti N.	500
19	Khilari Vikas Bandu	500
20	Patil Divya Jayvant	500
	Total	10000


Head
 Department of Statistics
 Rajarshi Chh. Shahu College, Kolhapur


Principal,
 Rajarshi Chh. Shahu College
 Kolhapur.

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Rayat Shikshan Sanstha's

Rajarshi Chhatrapati Shahu College, Kolhapur

Department of Statistics

Organized

Computation of Statistics using Open Source Software

Name : _____ **Roll No.:** _____

Day & Date :

Total Marks : 50

Time: 11:00 to 12:00

Q .1) Choose the correct alternative from given options.

[25*2=50]

1. What is the meaning of "<-"?
a) Functions b) Loops c) Addition d) Assignment
2. Which of the following command is used to print an object "x" in R?
a) printf(x) b) print(x) c) printx d) print[x]
3. Which of the following describes R language?
a) Free b) Paid c) Available for free trial only d) Testing
4. _____ programming language is a dialect (pot language) of S.
a) B b) C c) R d) K
5. Which one of the following is not a basic datatype?
a) Numeric b) Character c) Data frame d) Integer
6. Which of the following will start the R program?
a) \$ R b) > R c) * R d) @ R
7. What is the length of b?
b <- 2:7
a) 4 b) 5 c) 6 d) 0
8. R files has an extension _____
a) .R b) .S c) .Rp d) .c
9. Which of the following is default prompt for UNIX environment
a) > b) >> c) < d) <<
10. Which of the following is used for Statistical analysis in R language?
a) RStudio b) Studio c) Heck d) KStudio
11. How can we define 'infinity' in R language?
a) Inf b) Sup c) Und d) NaN
12. What will be the output of the following R code?
> x <- 6
> class(x)
a) "integer" b) "numeric" c) "real" d) "imaginary"
13. Which function replicates elements of vectors?
a) C b) Rep c) Crep d) Grep

14. R was created by?
 a) Ross Ihaka b) Robert Gentleman
 c) Both A and B d) Ross Gentleman
15. What is the simplest way of creating the vector?
 a) C function b) Create c) Destroy d) Invalid
16. What will be the output of the following R code?
`y <- c(TRUE, 2)`
 a) [1] "TRUE" "2" b) [1] "TRUE" 2 c) [1] "0" "2" d) [1] 1 2
17. Which of the following operator is used to create integer sequences?
 a) : b) ; c) - d) ~
18. What will be the output of the following R program?
`r <- 0:10`
`r[2]`
 a) 0 b) 1 c) 2 d) 3
19. What is NaN called?
 a) Not a Number b) Not a Numeric c) Number and Number d) Number a Numeric
20. R runs on the _____ operating system.
 a) Linux b) Windows c) Ubuntu d) Any operating system
21. R is technically much closer to the Scheme language than it is to the original _____ language.
 a) B b) C c) C++ d) S
22. You can download "base" R system from _____.
 a) A b) B c) CRAN d) D
23. Point out the wrong statement?
 a) Key feature of R was that its syntax is very similar to S
 b) R runs only on Windows computing platform and operating system
 c) R has been reported to be running on modern tablets, phones, PDAs, and game consoles
 d) R functionality is divided into a number of Packages
24. Elementary commands in R consist of either _____ or assignments.
 a) utilstats b) language c) expressions d) packages
25. R language is a dialect of which of the following languages?
 a) S b) C c) MATLAB d) SAS

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RAJARSHI CHHTRPATI SHAHU COLLEGE, KOLHAPUR**

DEPARTMENT OF STATISTICS

Computation of Statistics using open source software

2023-24

Result of Students

Roll No.	Name of Student	Class	Marks
1	Aralekar Sakshi Tanaji	M.Sc. I	46
2	Chaugale Padmashri Balaso	M.Sc. I	44
3	Chaugule Sakshi Ravsaheb	M.Sc. I	48
4	Chavan Prashant Sunil	M.Sc. I	50
5	Chavan Rutuja Rajaram	M.Sc. I	49
6	Chougale Ankita Vasant	M.Sc. I	50
7	Chougale Pradnya Hindurao	M.Sc. I	48
8	Gholase Ritesh Ravalu	M.Sc. I	46
9	Jawalkote Rajnikant Gangadhar	M.Sc. I	48
10	Kamble Aditya Sambhaji	M.Sc. I	46
11	Kamble Arati Shivaji	M.Sc. I	45
12	Musale Arati Parappa	M.Sc. I	45
13	Patil Avinash Ramdas	M.Sc. I	46
14	Patil Harshada Krushnat	M.Sc. I	48
15	Patil Vidya Suresh	M.Sc. I	47
16	Sana Mullani Siraj	M.Sc. I	47
17	Shinde Vaishnavi Vijay	M.Sc. I	48
18	Tiware Patil Shruti Nivasrao	M.Sc. I	50
19	Patil Divya Jaywant	M.Sc. I	48
20	Khilare Vikas Bandu	M.Sc. I	45


Head

Department of Statistics
Rajarsi Chhatripati Shahu College, Kolhapur

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DEPARTMENT OF STATISTICS**

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Computation of Statistics using Open Source Software
2023-24**

Sr. No.	Name of the Students	26/10/23	07/11/23	09/11/23	10/11/23	11/11/23	13/11/23	14/11/23	16/11/23	17/11/23	18/11/23
1	Aralekar Sakshi T.	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
2	Chaugale Padmeshri B.	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
3	Chaugale Sakshi R.	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
4	Chavan Prashant S.	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
5	Chavan Rutuja R	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
6	Chougale Ankita Vasant	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
7	Chougale Pradnya H.	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
8	Gholase Ritesh Ravalu	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
9	Jawalkote Rajnikant G.	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
10	Kamble Aditya Sambhaji	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
11	Kamble Arati Shivaji	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
12	Mahadik Vaishnavi Ajit	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
13	Mullani Sana Siraj	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
14	Musale Arati Parappa	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
15	Patil Avinash Ramdas	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
16	Patil Harshada Krushnat	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
17	Patil Jyoti Popat	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
18	Patil Vidya Suresh	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
19	Shinde Vaishnavi Vijay	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
20	Tiware Patil Shruti N.	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
21	Patil Divya Jayvant	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale
22	Khilari Vikas	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale	Chougale Chougale

Head

Department of Statistics
Rajarshi Chh. Shahu College, Kolhapur

Principal,
Rajarshi Chh. Shahu College
Kolhapur.

**RAYAT SHIKSHAN SANSTHA'S
RAJARSHI CHHTRPATI SHAHU COLLEGE, KOLHAPUR
DEPARTMENT OF STATISTICS**

Organized
**Computation of Statistics using Open Source Software
2023-24**

Sr. No.	Name of the Students	20/10/23	21/10/23	23/10/23	24/10/23	25/10/23	27/10/23	28/10/23	30/10/23	31/10/23	01/11/23
1	Aralekar Sakshi T.	S.T. Aralekar	S.T. Aralekar	S.T. Aralekar	S.T. Aralekar	S.T. Aralekar	S.T. Aralekar	S.T. Aralekar	S.T. Aralekar	S.T. Aralekar	S.T. Aralekar
2	Chaugale Padmashri B.	Chaugale Padmashri B.	Chaugale Padmashri B.	Chaugale Padmashri B.	Chaugale Padmashri B.	Chaugale Padmashri B.	Chaugale Padmashri B.	Chaugale Padmashri B.	Chaugale Padmashri B.	Chaugale Padmashri B.	Chaugale Padmashri B.
3	Chaugale Sakshi R.	Chaugale Sakshi R.	Chaugale Sakshi R.	Chaugale Sakshi R.	Chaugale Sakshi R.	Chaugale Sakshi R.	Chaugale Sakshi R.	Chaugale Sakshi R.	Chaugale Sakshi R.	Chaugale Sakshi R.	Chaugale Sakshi R.
4	Chavan Prashant S.	Chavan Prashant S.	Chavan Prashant S.	Chavan Prashant S.	Chavan Prashant S.	Chavan Prashant S.	Chavan Prashant S.	Chavan Prashant S.	Chavan Prashant S.	Chavan Prashant S.	Chavan Prashant S.
5	Chavan Rutuja R	Chavan Rutuja R	Chavan Rutuja R	Chavan Rutuja R	Chavan Rutuja R	Chavan Rutuja R	Chavan Rutuja R	Chavan Rutuja R	Chavan Rutuja R	Chavan Rutuja R	Chavan Rutuja R
6	Chougale Ankita Vasant	Chougale Ankita Vasant	Chougale Ankita Vasant	Chougale Ankita Vasant	Chougale Ankita Vasant	Chougale Ankita Vasant	Chougale Ankita Vasant	Chougale Ankita Vasant	Chougale Ankita Vasant	Chougale Ankita Vasant	Chougale Ankita Vasant
7	Chougale Pradnya H.	Chougale Pradnya H.	Chougale Pradnya H.	Chougale Pradnya H.	Chougale Pradnya H.	Chougale Pradnya H.	Chougale Pradnya H.	Chougale Pradnya H.	Chougale Pradnya H.	Chougale Pradnya H.	Chougale Pradnya H.
8	Gholase Ritesh Ravalu	Gholase Ritesh Ravalu	Gholase Ritesh Ravalu	Gholase Ritesh Ravalu	Gholase Ritesh Ravalu	Gholase Ritesh Ravalu	Gholase Ritesh Ravalu	Gholase Ritesh Ravalu	Gholase Ritesh Ravalu	Gholase Ritesh Ravalu	Gholase Ritesh Ravalu
9	Jawalkote Rajnikant G.	Jawalkote Rajnikant G.	Jawalkote Rajnikant G.	Jawalkote Rajnikant G.	Jawalkote Rajnikant G.	Jawalkote Rajnikant G.	Jawalkote Rajnikant G.	Jawalkote Rajnikant G.	Jawalkote Rajnikant G.	Jawalkote Rajnikant G.	Jawalkote Rajnikant G.
10	Kamble Aditya Sambhaji	Kamble Aditya Sambhaji	Kamble Aditya Sambhaji	Kamble Aditya Sambhaji	Kamble Aditya Sambhaji	Kamble Aditya Sambhaji	Kamble Aditya Sambhaji	Kamble Aditya Sambhaji	Kamble Aditya Sambhaji	Kamble Aditya Sambhaji	Kamble Aditya Sambhaji
11	Kamble Arati Shivaji	Kamble Arati Shivaji	Kamble Arati Shivaji	Kamble Arati Shivaji	Kamble Arati Shivaji	Kamble Arati Shivaji	Kamble Arati Shivaji	Kamble Arati Shivaji	Kamble Arati Shivaji	Kamble Arati Shivaji	Kamble Arati Shivaji
12	Mahadik Vaishnavi Ajit	Mahadik Vaishnavi Ajit	Mahadik Vaishnavi Ajit	Mahadik Vaishnavi Ajit	Mahadik Vaishnavi Ajit	Mahadik Vaishnavi Ajit	Mahadik Vaishnavi Ajit	Mahadik Vaishnavi Ajit	Mahadik Vaishnavi Ajit	Mahadik Vaishnavi Ajit	Mahadik Vaishnavi Ajit
13	Mullani Sana Siraj	Mullani Sana Siraj	Mullani Sana Siraj	Mullani Sana Siraj	Mullani Sana Siraj	Mullani Sana Siraj	Mullani Sana Siraj	Mullani Sana Siraj	Mullani Sana Siraj	Mullani Sana Siraj	Mullani Sana Siraj
14	Musale Arati Parappa	Musale Arati Parappa	Musale Arati Parappa	Musale Arati Parappa	Musale Arati Parappa	Musale Arati Parappa	Musale Arati Parappa	Musale Arati Parappa	Musale Arati Parappa	Musale Arati Parappa	Musale Arati Parappa
15	Patil Avinash Ramdas	Patil Avinash Ramdas	Patil Avinash Ramdas	Patil Avinash Ramdas	Patil Avinash Ramdas	Patil Avinash Ramdas	Patil Avinash Ramdas	Patil Avinash Ramdas	Patil Avinash Ramdas	Patil Avinash Ramdas	Patil Avinash Ramdas
16	Patil Harshada Krushnat	Patil Harshada Krushnat	Patil Harshada Krushnat	Patil Harshada Krushnat	Patil Harshada Krushnat	Patil Harshada Krushnat	Patil Harshada Krushnat	Patil Harshada Krushnat	Patil Harshada Krushnat	Patil Harshada Krushnat	Patil Harshada Krushnat
17	Patil Jyoti Popat	Patil Jyoti Popat	Patil Jyoti Popat	Patil Jyoti Popat	Patil Jyoti Popat	Patil Jyoti Popat	Patil Jyoti Popat	Patil Jyoti Popat	Patil Jyoti Popat	Patil Jyoti Popat	Patil Jyoti Popat
18	Patil Vidya Suresh	Patil Vidya Suresh	Patil Vidya Suresh	Patil Vidya Suresh	Patil Vidya Suresh	Patil Vidya Suresh	Patil Vidya Suresh	Patil Vidya Suresh	Patil Vidya Suresh	Patil Vidya Suresh	Patil Vidya Suresh
19	Shinde Vaishnavi Vijay	Shinde Vaishnavi Vijay	Shinde Vaishnavi Vijay	Shinde Vaishnavi Vijay	Shinde Vaishnavi Vijay	Shinde Vaishnavi Vijay	Shinde Vaishnavi Vijay	Shinde Vaishnavi Vijay	Shinde Vaishnavi Vijay	Shinde Vaishnavi Vijay	Shinde Vaishnavi Vijay
20	Tiware Patil Shruti N.	Tiware Patil Shruti N.	Tiware Patil Shruti N.	Tiware Patil Shruti N.	Tiware Patil Shruti N.	Tiware Patil Shruti N.	Tiware Patil Shruti N.	Tiware Patil Shruti N.	Tiware Patil Shruti N.	Tiware Patil Shruti N.	Tiware Patil Shruti N.
21	Patil Divya Jayvant	Patil Divya Jayvant	Patil Divya Jayvant	Patil Divya Jayvant	Patil Divya Jayvant	Patil Divya Jayvant	Patil Divya Jayvant	Patil Divya Jayvant	Patil Divya Jayvant	Patil Divya Jayvant	Patil Divya Jayvant
22	Khilari Vikas	Khilari Vikas	Khilari Vikas	Khilari Vikas	Khilari Vikas	Khilari Vikas	Khilari Vikas	Khilari Vikas	Khilari Vikas	Khilari Vikas	Khilari Vikas


Head

Department of Statistics
Rajarshi Chh. Shahu College, Kolhapur:-


Principal

Rajarshi Chh. Shahu College
Kolhapur.

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RAJARSHI CHHTRPATI SHAHU COLLEGE, KOLHAPUR
DEPARTMENT OF STATISTICS**

Organized

Computation of Statistics using Open Source Software
2023-24

Sr. No.	Name of the Students	02/11/23	03/11/23	04/11/23	05/11/23	06/11/23	07/11/23	08/11/23	09/11/23	10/11/23
1	Aralekar Sakshi T.	S.T. Aralekar	S.T. Aralekar	S.T. Aralekar	S.T. Aralekar	S.T. Aralekar	S.T. Aralekar	S.T. Aralekar	S.T. Aralekar	S.T. Aralekar
2	Chaugale Padmeshri B.	Chaugale	Chaugale	Chaugale	Chaugale	Chaugale	Chaugale	Chaugale	Chaugale	Chaugale
3	Chaugale Sakshi R.	Chaugale	Chaugale	Chaugale	Chaugale	Chaugale	Chaugale	Chaugale	Chaugale	Chaugale
4	Chavan Prashant S.	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan
5	Chavan Rutuja R	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan
6	Chougale Ankita Vasant	Chougale	Chougale	Chougale	Chougale	Chougale	Chougale	Chougale	Chougale	Chougale
7	Chougale Pradnya H.	Chougale	Chougale	Chougale	Chougale	Chougale	Chougale	Chougale	Chougale	Chougale
8	Gholase Ritesh Ravalu	Gholase	Gholase	Gholase	Gholase	Gholase	Gholase	Gholase	Gholase	Gholase
9	Jawalkote Rajnikant G.	Jawalkote	Jawalkote	Jawalkote	Jawalkote	Jawalkote	Jawalkote	Jawalkote	Jawalkote	Jawalkote
10	Kamble Aditya Sambhaji	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble
11	Kamble Arati Shivaji	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble
12	Mahadik Vaishnavi Ajit	Mahadik	Mahadik	Mahadik	Mahadik	Mahadik	Mahadik	Mahadik	Mahadik	Mahadik
13	Mullani Sana Siraj	Mullani	Mullani	Mullani	Mullani	Mullani	Mullani	Mullani	Mullani	Mullani
14	Musale Arati Parappa	Musale	Musale	Musale	Musale	Musale	Musale	Musale	Musale	Musale
15	Patil Avinash Ramdas	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
16	Patil Harshada Krushnat	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
17	Patil Jyoti Popat	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
18	Patil Vidya Suresh	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
19	Shinde Vaishnavi Vijay	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde
20	Tiware Patil Shruti N.	Tiware	Tiware	Tiware	Tiware	Tiware	Tiware	Tiware	Tiware	Tiware
21	Patil Divya Jayvant	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
22	Khilari Vikas	Khilari	Khilari	Khilari	Khilari	Khilari	Khilari	Khilari	Khilari	Khilari


Head

Department of Statistics
Rajarshi Chh. Shahu College, Kolhapur


Principal,
Rajarshi Chh. Shahu College
Kolhapur.

RAYAT SHIKSHAN SANSTHA'S
RAJARSHI CHHTRPATI SHAHU COLLEGE, KOLHAPUR
DEPARTMENT OF STATISTICS
Computation of Statistics using open source software
2023-24

List of Students

Roll No.	Name of Student	Sign
1	Aralekar Sakshi Tanaji	S.T. Aralekar
2	Chaugale Padmashri Balaso	Chaugale
3	Chaugale Sakshi Ravsaheb	Chaugale
4	Chavan Prashant Sunil	PS
5	Chavan Rutuja Rajaram	R. Chavan
6	Chougale Ankita Vasant	Chougale
7	Chougale Pradnya Hindurao	Chougale
8	Gholase Ritesh Ravalu	P
9	Jawalkote Rajnikant Gangadhar	Rajnikant
10	Kamble Aditya Sambhaji	Kamble
11	Kamble Arati Shivaji	Kamble
12	Musale Arati Parappa	Musale
13	Patil Avinash Ramdas	Patil
14	Patil Harshada Krushnat	Patil
15	Patil Vidya Suresh	Patil
16	Sana Mullani Siraj	Mullani
17	Shinde Vaishnavi Vijay	Shinde
18	Tiware Patil Shruti Nivasrao	Patil
19	Patil Divya Jaywant	Patil
20	Khilaré Vikas Bandu	Khilaré


Head

Department of Statistics
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Principal,
Rajarshi Chh. Shahu College
Kolhapur.

Rayat Shikshan Sanstha's
Rajarshi chhatrapati shahu College, Kolhapur.
Department of statistics organised certificate course on
Computations of Statistics using open source software on 6/10/2023 to 10/11/2023
Enrollment List

Sr. No.	Name of Students	Fee in Rs.	Receipt No.	Sign of students
1	Aralekar Sakshi T.	500	4273	S.T. Aralekar
2	Chaugale Padmashri B.	500	4274	Chaugale
3	Chaugule Sakshi R.	500	4275	Chaugule
4	Chavan Prashant S.	500	4276	Chavan
5	Chavan Rutuja R	500	4277	Chavan
6	Chougale Ankita Vasant	500	4278	Chougale
7	Chougale Pradnya H.	500	4279	Chougale
8	Gholase Ritesh Ravalu	500	4280	Gholase
9	Jawalkote Rajnikant G.	500	4281	Jawalkote
10	Kamble Aditya Sambhaji	500	4282	Kamble
11	Kamble Arati Shivaji	500	4283	Kamble
12	Mullani Sana Siraj	500	4284	Mullani
13	Musale Arati Parappa	500	4285	Musale
14	Patil Avinash Ramdas	500	4286	Patil
15	Patil Harshada Krushnat	500	4287	Patil
16	Patil Vidya Suresh	500	4288	Patil
17	Shinde Vaishnavi Vijay	500	4289	Shinde
18	Tiware Patil Shruti N.	500	4290	Tiware
19	Khilari Vikas Bandu	500	4292	Khilari
20	Patil Divya Jayvant	500	4291	Patil
Total		10000		


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 Department of Statistics
 Rajarshi Chh. Shahu College, Kolhapur


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Kolhapur.

**RAYAT SHIKSHAN SANSTHA'S
RAJARSHI CHHTRPATI SHAHU COLLEGE, KOLHAPUR
DEPARTMENT OF STATISTICS
Organized**

**Computation of statistics using open source software
(Self - Funded Under COC)
Time Table 2023-24**

Theory & Practical	Lab I (Stat.Lab.)	Date	06/10/23	07/10/23	09/10/23	10/10/23	11/10/23	12/10/23	13/10/23	14/10/23	16/10/23	17/10/23	18/10/23	20/10/23	21/10/23	23/10/23	24/10/23
		Time	2.30-5.30														
			SAA	SAA	SSP	SAA	SAA	SSP	SSK	SAA	SSP	SSK	SAA	SSP	SAA	SAA	SSP

Theory & Practical	Lab I (Stat.Lab.)	Date	25/10/23	27/10/23	28/10/23	30/10/23	31/10/23	01/11/23	02/11/23	03/11/23	04/11/23	05/11/23	06/11/23	07/11/23	08/11/23	09/11/23	10/11/23
		Time	2.30-5.30														
			SSK	SAA	SSP	SSK	SAA	SAA	SSK	SAA	SSP	SAA	SAA	SSP	SSK	SAA	SAA

Sr. No.		Name of Lecturer	
1	SAA	Smt. Amate S. A.	
2	SSP	Smt. Patil S. S.	
3	SSK	Smt. Kamble S. S.	


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Head
Department of Statistics
Rajarshi Chh. Shahu College, Kolhapur.

Education through self-help is our motto"- KARMAVEER
Rayat Shikshan Sanstha's
Rajarshi Chhatrapati Shahu College, Kolhapur
Department of Statistics
Organized
“ Computation of Statistics Using Open Source Software”
STUDENT NOTICE

Date: 03/10/2023

All the students of B.Sc. III are informed that the Certificate course “Computation of Statistics Using Open Source Software” is being started in our college by the Department of Statistics. All interested students should contact to course co-ordinator Mr. P. S. Chougule.


Head
Department of Statistics
Rajarshi Chh. Shahu College, Kolhapur


Principal,
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Kolhapur.

रयत शिक्षण संस्थेचे
राजर्षी छत्रपती शाहू कॉलेज, कोल्हापूर
संख्याशास्त्र विभाग

२०२३-२४

दि. १४/७/२०२३

ठराव

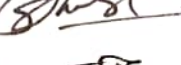
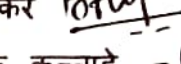
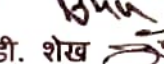
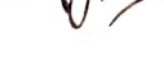
सर्व विज्ञान विभाग प्रमुखांची बैठक मा. प्राचार्यच्या मार्गदर्शनाखाली दिनांक १४/७/२०२३ रोजी घेण्यात आली. सदर बैठकीमध्ये संख्याशास्त्र विभागामार्फत खालील शोर्ट टर्म कोर्सेस सुरु करण्याचे ठरले.

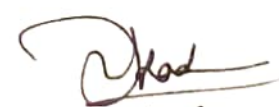
१. Application of Statistics in MS-Excel
२. Exploratory Data Analysis using MS-Excel
३. Computation of Statistics using R-Software
४. Certificate Course in Advanced Excel
- ५ Data analysis using SPSS

सदर कोर्ससकरिता खालील ठराव सर्वानुमते करण्यात आले

१. कोर्सेस क्र. १ व २ साठी रु ३०० व कोर्सेस क्र. ३, ४ व ५ साठी रु ५०० याप्रमाणे फी घेणेचे सर्वानुमते ठराविण्यात आले. तसेच जमा होणाऱ्या फी मधून कोर्सेस खर्च वजा जाता उर्वरित रकमेच्या ४०% रक्कम विभागातील काम करणाऱ्या तासिका तत्वावरील शिक्षकांना आणि बाहेरून येणाऱ्या तज्ञ शिक्षकांना सदर कोर्सेसचे मानधन म्हणून समप्रमाणात विभागून देण्यात यावी असे सर्वानुमते ठरले.
२. या कोर्सेस करिता जास्तीत जास्त विद्यार्थी प्रवेश घेतील यासाठी विभागातील सर्व शिक्षकांनी प्रयत्न करावेत व सदर कोर्सेस चांगल्या पध्दतीने पार पाडण्यासाठीची जबाबदारी विभागप्रमुखावर सोपविण्यात आली.

वरील प्रमाणे ठराव सर्वानुमते मंजूर करण्यात आले.

- १) रसायनशास्त्र- प्रो. पी. बी. पिस्टे 
- २) भौतिकशास्त्र- डॉ. ए.आर.पाटील 
- ३) गणितशास्त्र- श्री. एस. डी. शेडगे 
- ४) वनस्पतीशास्त्र- डॉ. एस. डी. शेख 
- ५) प्राणीशास्त्र- श्रीमती डी. ए. मालवेकर 
- ६) शोर्ट टर्म कोर्सेस प्रमुख- डॉ. एम. के. कन्नाडे 
- ७) संख्याशास्त्र- श्री. पी. एस. चौगुले 
- ८) IQAC coordinator - डॉ. एस. डी. शेख 
- ९) अकौंट विभाग- श्री. आर. के. यादव 


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