

"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 R-Software**  
 Self – Funded under Short Term Courses in the academic year 2017-2018  
**COURSE REPORT**

Department of statistics organized the certificate course on computation of statistics using R-software for B.Sc.III students for the academic year 2017-18. 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- 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 15/11/2017 to 30/11/2017. Total number of beneficiaries for this course is 59. 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. (Coordinator) Mr. Powar A.V. Smt. Pawar Patil T.M., Smt. Mhangore A. R., Smt. Power J.K., Smt. Kamble T. S. are worked as a Resource person for this course. The output of this course is students of B.Sc. III Statistics shall become confident and equipped with all the knowledge requires to perform analytical activities using R Software.

**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 59.**



Kolhapur, Maharashtra, India  
 OS No.485, A/2, Kedamwadi - Jadhavwadi Rd, opposite Raj Gaurav  
 Manshi Karvadya, Laxminarayan Nagar, Kedamwadi, Kolhapur,  
 Maharashtra 416005, India  
 Lat: 19.708213° Long 74.293616°  
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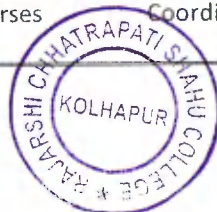
Kolhapur, Maharashtra, India  
 OS No.485, A/2, Kedamwadi - Jadhavwadi Rd, opposite Raj Gaurav  
 Manshi Karvadya, Laxminarayan Nagar, Kedamwadi, Kolhapur,  
 Maharashtra 416005, India  
 Lat: 19.708213° Long 74.293616°  
 30/10/17 02:04 PM

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

*gsh*  
**Mr. G.S. Bansode**  
 Incharge,  
 Short term Courses

*SJS*  
**Dr. S. J. Shaikh**  
 IQAC  
 Coordinator

*gokh*  
**Dr. C.J. Khilare**  
 Principal  
 R. C. Shahu College, Kolhapur



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Rayat Shikshan Sanstha's  
**Rajarshi Chhatrapati Shahu College, Kolhapur**  
**Department of Statistics**  
Organized  
**“ Computation of Statistics Using R Software”**  
STUDENT NOTICE

Date: 10/11/2017

All the students of B.Sc. III are informed that the Certificate course “ Computation of Statistics Using R 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.



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

A handwritten signature in blue ink, appearing to be "P. S. Chougule".

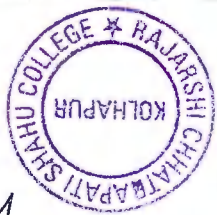
**Principal,**  
**Rajarshi Chh. Shahu College**  
**Kolhapur.**

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**Rajarshi Chhatrapati Shahu College, Kolhapur**  
**Department of Statistics**

Organized  
**Certificate Course on Computation of Statistics using R –Software**  
 (Self – Funded)  
 Under  
 COC and Short Term Courses  
 2017-2018

**Income and Expenditure Statement**

Income Particulars	Amount (in Rs.)	Expenditure Particulars	Amount (in Rs.)
1) Total Participants = 59 (59*500)	29500/-	1) Certificate Printing	770/-
		2) Remuneration for Recourse Person Lumsum (25% of Total amount 7375/- equally distributed into 5 persons)	
		i) Mr. Powar A. V	1475/-
		ii) Smt. Pawar-Patil T. M	1475/-
		iii) Smt. Mhangore A. R.	1475/-
		iv) Smt. Pawar J. K.	1475/-
		v) Smt. Kamble T. S.	1475/-
		3)Balance to College	21355/-
<b>Total</b>	<b>29500=00</b>	<b>Total</b>	<b>29500=00</b>



*[Signature]*  
 Mr. P. S. Chougule  
 Co-coordinator & Head,  
 Department of Statistics,  
 R. C. Shahu College, Kolhapur

*[Signature]*  
 Mr. G. S. Bansode  
 Incharge, Short Term Courses,  
 R. C. Shahu College, Kolhapur

*[Signature]*  
 Dr. C. J. Khillare  
 Principal,  
 R. C. Shahu College, Kolhapur

स्वात शिक्षण संस्थेचे,  
राजर्षी छत्रपती शाहू कॉलेज, कोल्हापूर  
संख्याशास्त्र विभाग अहोराजित

66 "सर्टिफिकेट कोर्स ऑन कॉम्प्युटेशन ऑफ  
स्टॅटिस्टिकल सुझिंग उजर - सॉफ्टवेअर"

सन 2030-2031

दिनांक: 34/33/2030

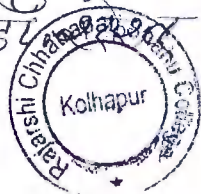
\* उराव \*

सर्व विज्ञान विभाग प्रमुखांची बैठक दि. 34/33/2030  
रोजी घेव्यात घेवून सदर बैठकीत पुढील प्रमाणे निर्णय  
घेव्यात आला. व तो सर्वानुमते मंजूर करण्यात आला.  
जमातेदारी 'फि' विचारते घेवून पुढील प्रमाणे कार्यवाही  
करव्याचे ठरले.

उराव - या कोर्स करिता जरासितजरासत विद्यार्थी  
आपल्या व बहिरील मताविद्यालयातील प्रवेश  
घेतोय शासने ~~सर्व~~ विभागातील सर्व शिक्षकांनी  
प्रयत्न करावेत. व एकूण जमा होणा-या रकमेतून  
25% रक्कम विभागातील काम करणा-या व  
त्याबिबर तळावरील शिक्षकांना सदर कोर्सचे  
मानधन म्हणून समुपमाणात विभागून देव्यात यावेत  
असे सर्वानुमते ठरले. तसेच सदर कोर्स चालव्या  
पध्दतीने पार पाडव्याची जबाबदारी विभाग प्रमुखां-  
वर सोपविण्यात आली.

वरील प्रमाणे उराव सर्वानुमते मंजूर करण्यात आला.

- 3. रसायनशास्त्र - सा. म्हाले एस.जी.
- 2. पदार्थ विज्ञान - डॉ. किल्लेदार सी. व्ही.
- 3. जलविज्ञान - सा. वाठे पी. ए.
- 4. वनस्पतीशास्त्र - डॉ. नागणे पी. एन.
- 5. प्राणिशास्त्र - सा. देठे आर. पी.
- 6. शॉर्टर्स कोर्सेस प्रमुख - सा. बनसोडे जी. पुंज
- 10. संख्याशास्त्र - सा. चौबुले पी. एस.
- 1. IQAC - Co-ordinator - डॉ. एश. जे.



खा. च. शाहू  
प्राचार्य,  
राजर्षी छ. शाहू कॉलेज  
कोल्हापूर.

**Rayat Shikshan Sanstha's**  
**Rajarshi Chhatrapati Shahu College, Kolhapur**  
**Department of Statistics**  
**Organised**

**Certificate Course on Computation of Statistics using R - Software**  
**(Self - Funded Under COC)**

Sr. No	Name of the Student	College Name	Fee (Rs.)	Recei pt No.	Date	Sign
1	Kandekar Supriya Shridhar	Rajaram College, Kolhapur	500	24201	7/1/2019	<i>[Signature]</i>
2	Tarlekar Priyanka Shreekant	Rajaram College, Kolhapur	500	24202	7/1/2019	<i>[Signature]</i>
3	Yadav Pratiksha Dinkar	Rajaram College, Kolhapur	500	24203	7/1/2019	<i>[Signature]</i>
4	Patil Snehal Sadashiv	Rajaram College, Kolhapur	500	24204	7/1/2019	<i>[Signature]</i>
5	Walkoli Vidya Balasaheb	Rajaram College, Kolhapur	500	24205	7/1/2019	<i>[Signature]</i>
6	Gadhari Gitanjali Amol	Rajaram College, Kolhapur	500	24206	7/1/2019	<i>[Signature]</i>
7	Pokale Saumya Prakash	Rajaram College, Kolhapur	500	24207	7/1/2019	<i>[Signature]</i>
8	Amate Snehal Siddappa	Rajaram College, Kolhapur	500	24208	7/1/2019	<i>[Signature]</i>
9	Patil Suraj Dadaso	Rajaram College, Kolhapur	500	24209	7/1/2019	<i>[Signature]</i>
10	Vitekar Rahul Dilip	Rajaram College, Kolhapur	500	24210	7/1/2019	<i>[Signature]</i>
11	Parit Tushar Lalaso	Rajaram College, Kolhapur	500	24211	7/1/2019	<i>[Signature]</i>
12	Divatankar Rutuja Ananda	Rajaram College, Kolhapur	500	24212	7/1/2019	<i>[Signature]</i>
13	Patil Prajyot Prakash	Rajaram College, Kolhapur	500	24213	7/1/2019	<i>[Signature]</i>
14	Mujawar Alfiya Jahangir	Rajaram College, Kolhapur	500	24214	7/1/2019	<i>[Signature]</i>
15	Dongale Dipali Vishwanath	Rajaram College, Kolhapur	500	24215	7/1/2019	<i>[Signature]</i>
16	Dhowale Prajakta Khanderao	Rajaram College, Kolhapur	500	24216	7/1/2019	<i>[Signature]</i>
17	Koravi Aishwarya Shashikant	Rajaram College, Kolhapur	500	24217	7/1/2019	<i>[Signature]</i>
18	Patil Sonali Rangrao	Rajaram College, Kolhapur	500	24218	7/1/2019	<i>[Signature]</i>
19	Bhogan Shruti Rajaram	Rajaram College, Kolhapur	500	24219	7/1/2019	<i>[Signature]</i>
20	Mithari Mayuri Bhimrao	Rajaram College, Kolhapur	500	24220	7/1/2019	<i>[Signature]</i>
21	Chavan Rutuja Uday	Rajaram College, Kolhapur	500	24221	7/1/2019	<i>[Signature]</i>
22	Shintre Shivani Balasaheb	Rajaram College, Kolhapur	500	24222	7/1/2019	<i>[Signature]</i>
23	Mathure Sneha sanjay	Rajaram College, Kolhapur	500	24223	7/1/2019	<i>[Signature]</i>
24	Pore Shreya Ravindra	Rajaram College, Kolhapur	500	24224	7/1/2019	<i>[Signature]</i>
25	Patil Gauravi Sudhir	Rajaram College, Kolhapur	500	24257	14/1/2019	<i>[Signature]</i>

*[Signature]*  
**Head**  
 Department of Statistics  
 Rajarshi Chh. Shahu College, Kolhapur.



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Sr. No.	Name of the Student	College Name	Fee (Rs.)	Receipt No.	Date	Sign
1	Ayarekar Tejaswini Sunil	R. C. Shahu College, Kolhapur	500	12773	7/12/2017	<i>Ayarekar</i>
2	Bhosale Satraj Sunil	R. C. Shahu College, Kolhapur	500	12774	7/12/2017	<i>Bhosale</i>
3	Chavan Jyoti Suryakant	R. C. Shahu College, Kolhapur	500	12775	7/12/2017	<i>Chavan</i>
4	Chavan Sima Kundlik	R. C. Shahu College, Kolhapur	500	12776	7/12/2017	<i>Chavan</i>
5	Ghadage Harshwardhan Vijay	R. C. Shahu College, Kolhapur	500	12777	7/12/2017	<i>HV Ghadage</i>
6	Humbe Rutuja Ramechandra	R. C. Shahu College, Kolhapur	500	12778	7/12/2017	<i>R.R. Humbe</i>
7	Jadhav Prathmesh Popatrao	R. C. Shahu College, Kolhapur	500	12779	7/12/2017	<i>Jadhav</i>
8	Jadhav Sourabh Chandrakant	R. C. Shahu College, Kolhapur	500	12780	7/12/2017	<i>Jadhav</i>
9	Khade Reshma Narayan	R. C. Shahu College, Kolhapur	500	12781	7/12/2017	<i>Khade</i>
10	Koravi Maheshwari Shankar	R. C. Shahu College, Kolhapur	500	12782	7/12/2017	<i>Koravi</i>
11	Kumbhar Aniket Prakash	R. C. Shahu College, Kolhapur	500	12783	7/12/2017	<i>Kumbhar</i>
12	Kurade Ravina Sajjan	R. C. Shahu College, Kolhapur	500	12784	7/12/2017	<i>Kurade</i>
13	Mali Suchal Subhash	R. C. Shahu College, Kolhapur	500	12785	7/12/2017	<i>Mali</i>
14	Mujawar Shahid Ahmed	R. C. Shahu College, Kolhapur	500	12786	7/12/2017	<i>Mujawar</i>
15	Mujawar Tanjeema Gulab	R. C. Shahu College, Kolhapur	500	12787	7/12/2017	<i>Mujawar</i>
16	Nadaf Musaddik Mansur	R. C. Shahu College, Kolhapur	500	12788	7/12/2017	<i>Nadaf</i>
17	Naik Smita Shankar	R. C. Shahu College, Kolhapur	500	12789	7/12/2017	<i>Naik</i>
18	Patade Suraj Kundlik	R. C. Shahu College, Kolhapur	500	12790	7/12/2017	<i>Patade</i>
19	Patil Adinath Anil	R. C. Shahu College, Kolhapur	500	12791	7/12/2017	<i>Patil</i>
20	Patil Anruta Ajit	R. C. Shahu College, Kolhapur	500	12792	7/12/2017	<i>Patil</i>
21	Patil Ashish Maruti	R. C. Shahu College, Kolhapur	500	12793	7/12/2017	<i>Patil</i>
22	Patil Avinash Ramdas	R. C. Shahu College, Kolhapur	500	12794	7/12/2017	<i>Patil</i>
23	Patil Shubhangi Rangrao	R. C. Shahu College, Kolhapur	500	12795	7/12/2017	<i>Patil</i>
24	Patil Snehalata Babagonda	R. C. Shahu College, Kolhapur	500	12796	7/12/2017	<i>Patil</i>
25	Patil Vidya Suresh	R. C. Shahu College, Kolhapur	500	12797	7/12/2017	<i>Patil</i>
26	Salokhe Satyam Sanjay	R. C. Shahu College, Kolhapur	500	12798	7/12/2017	<i>Salokhe</i>
27	Shinde Onkar Ashok	R. C. Shahu College, Kolhapur	500	12799	7/12/2017	<i>Shinde</i>
28	Tiwari Nikita Kishor	R. C. Shahu College, Kolhapur	500	12800	7/12/2017	<i>Tiwari</i>
29	Yetale Sudhir Krishnat	R. C. Shahu College, Kolhapur	500	20401	7/12/2017	<i>Yetale</i>
30	Zurale Kirti Rajendra	R. C. Shahu College, Kolhapur	500	20402	7/12/2017	<i>Zurale</i>

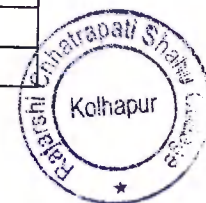


*[Signature]*  
Principal  
R. C. Shahu College  
Kolhapur


**Rayat Shikshan Sanstha's**  
**Rajarshi Chhatrapati Shahu College, Kolhapur**  
**Department of Statistics**  
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**Certificate Course on Computation of Statistics using R - Software**  
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Sr. No.	Name of the Student	College Name	Fee (Rs.)
1	Aminbhavi Avadhut Kallapa	S. S. C. Mahavidyalaya, Kolhapur	500
2	Borchate Ashwini Balaso	S. S. C. Mahavidyalaya, Kolhapur	500
3	Devali Suraj Narayan	S. S. C. Mahavidyalaya, Kolhapur	500
4	Jagtap Sakshi Dattatray	S. S. C. Mahavidyalaya, Kolhapur	500
5	Kamat Utkarsha Shrirang	S. S. C. Mahavidyalaya, Kolhapur	500
6	Kamble Bhagyashri Eknath	S. S. C. Mahavidyalaya, Kolhapur	500
7	Londhe Shubham Ravindra	S. S. C. Mahavidyalaya, Kolhapur	500
8	Mali Mayuri Mohan	S. S. C. Mahavidyalaya, Kolhapur	500
9	Patil Aniket Sanjay	S. S. C. Mahavidyalaya, Kolhapur	500
10	Sabale Vidya Laxman	S. S. C. Mahavidyalaya, Kolhapur	500
11	Sadolkar Pooja Pandit	S. S. C. Mahavidyalaya, Kolhapur	500
12	Shinde Swati Rangrao	S. S. C. Mahavidyalaya, Kolhapur	500
13	Chikhale Shraddha Surendra	Rajaram College, Kolhapur	500
14	Chougule Sakshi Balkrishna	Rajaram College, Kolhapur	500
15	Chougale Sayali Dilip	Rajaram College, Kolhapur	500
16	Davar Rahul Ramesh	Rajaram College, Kolhapur	500
17	Jadhav Akash Hemant	Rajaram College, Kolhapur	500
18	Jadhav Niket Ganesh	Rajaram College, Kolhapur	500
19	Jarag Omkar Vitthal	Rajaram College, Kolhapur	500
20	Karale Snehal Rajendra	Rajaram College, Kolhapur	500
21	Kawade Sushant Balavant	Rajaram College, Kolhapur	500
22	Magdum Rohit Ganpati	Rajaram College, Kolhapur	500
23	Malkar Shamal Hindurao	Rajaram College, Kolhapur	500
24	Mulla Jasmin Dastagir	Rajaram College, Kolhapur	500
25	Nayakude Vishal Mahadev	Rajaram College, Kolhapur	500
26	Parte Vinayak Chandrakant	Rajaram College, Kolhapur	500
27	Patil Kishori Krishanat	Rajaram College, Kolhapur	500
28	Patil Pratibha Krushnat	Rajaram College, Kolhapur	500
29	Shinde Prasad Vilas	Rajaram College, Kolhapur	500
30	Ayarekar Tejaswini Sunil	R. C. Shahu College, Kolhapur	500
31	Bhosale Sairaj Sunil	R. C. Shahu College, Kolhapur	500
32	Chavan Jyoti Suryakant	R. C. Shahu College, Kolhapur	500
33	Chavan Sima Kundlik	R. C. Shahu College, Kolhapur	500
34	Ghadage Harshwardhan Vijay	R. C. Shahu College, Kolhapur	500
35	Humbe Rutuja Ramchandra	R. C. Shahu College, Kolhapur	500
36	Jadhav Prathmesh Popatrao	R. C. Shahu College, Kolhapur	500
37	Jadhav Sourabh Chandrakant	R. C. Shahu College, Kolhapur	500
38	Khade Reshma Narayan	R. C. Shahu College, Kolhapur	500
39	Koravi Maheshwari Shankar	R. C. Shahu College, Kolhapur	500
40	Kumbhar Aniket Prakash	R. C. Shahu College, Kolhapur	500



41	Kurade Ravina Sajjan	R. C. Shahu College, Kolhapur	500
42	Mali Snehal Subhash	R. C. Shahu College, Kolhapur	500
43	Mujawar Shahid Ahmed	R. C. Shahu College, Kolhapur	500
44	Mujawar Tanjeema Gulab	R. C. Shahu College, Kolhapur	500
45	Nadaf Musaddik Mansur	R. C. Shahu College, Kolhapur	500
46	Naik Smita Shankar	R. C. Shahu College, Kolhapur	500
47	Patade Suraj Kundlik	R. C. Shahu College, Kolhapur	500
48	Patil Adinath Anil	R. C. Shahu College, Kolhapur	500
49	Patil Amruta Ajit	R. C. Shahu College, Kolhapur	500
50	Patil Ashish Maruti	R. C. Shahu College, Kolhapur	500
51	Patil Avinash Ramdas	R. C. Shahu College, Kolhapur	500
52	Patil Shubhangi Rangrao	R. C. Shahu College, Kolhapur	500
53	Patil Snehalata Babagonda	R. C. Shahu College, Kolhapur	500
54	Patil Vidya Suresh	R. C. Shahu College, Kolhapur	500
55	Salokhe Satyam Sanjay	R. C. Shahu College, Kolhapur	500
56	Shinde Onkar Ashok	R. C. Shahu College, Kolhapur	500
57	Tiwari Nikita Kishor	R. C. Shahu College, Kolhapur	500
58	Yetale Sudhir Krishnat	R. C. Shahu College, Kolhapur	500
59	Zurale Kirti Rajendra	R. C. Shahu College, Kolhapur	500
<b>Gross Total</b>			<b>29500</b>

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



  
**Principal,**  
 Rajarshi Chh. Shahu College  
 Kolhapur.



Rajarat Shikshan Sanstha's  
Rajarshi Chhatrapati Shahu College, Kolhapur  
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Time Table

	Venue	Date		15/11/17	16/11/17	18/11/17	20/11/17	21/11/17	22/11/17	23/11/17	24/11/17	25/11/17	27/11/17	28/11/17	29/11/17	30/11/2017
		Time														
Theory	Department lab	2.15 - 3.30		PSC	TMPP	TMPP	PSC	AVP	AVP	ARM	ARM	ARM	JKP, PSC	JKP, PSC	TMPP	
Practical	Lab 1 (Morning)	10.00 - 11.30			PSC, TMPP	PSC, TMPP	ARM, TMPP	ARM, JKP, AVP	JKP, AVP, TMPP	AVP, TMPP	ARM, TMPP	ARM, JKP	ARM, JKP	JKP, AVP	JKP, AVP	JKP, TMPP
	Lab 1 (Evening)	3.30 - 5.00		TSK	ARM, JKP	ARM, TSK	ARM, JKP, TSK	ARM, JKP, TSK	ARM, JKP, TSK	ARM, TSK	ARM, JKP	ARM, TSK	ARM, JKP, TSK	ARM, JKP, TSK	ARM, JKP, TSK	ARM, JKP, TSK
	Lab2 (Evening)	3.30 - 5.00		PSC, TMPP, AVP	PSC, TMPP, AVP	PSC, TMPP, AVP	PSC, TMPP, AVP	PSC, TMPP, AVP	PSC, TMPP, AVP	PSC, TMPP, AVP	PSC, TMPP, AVP	PSC, TMPP, AVP	PSC, TMPP, AVP	PSC, TMPP, AVP	PSC, TMPP, AVP	PSC, TMPP, AVP

Sr. No.	Name of Lecturer
1	Mr. Chougule P. S.
2	Mr. Powar A. V.
3	Smt. Kamble T. S.
4	Smt. Pawar- Patil T. M.
5	Smt. Pawar J. K.
6	Smt. Mhangore A. R.



*(Signature)*  
Head

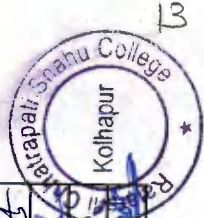
Department of Statistics  
Rajarshi Chh. Shahu College, Kolhapur

*(Signature)*  
Principal,  
Rajarshi Chh. Shahu College  
Kolhapur.

**Certificate Course on Computation of Statistics using R - Software  
(Self - Funded Under COC)**

**Attendance Sheet**

Sr. No.	Name of the Student	College Name	15/11/2017	16/11/2017	18/11/2017	20/11/2017	21/11/2017	22/11/2017	23/11/2017
31	Aminhavi Avadhut Kallapa	S. S. C. College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
32	Borchate Ashwini Balaso	S. S. C. College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
33	Devali Suraj Narayan	S. S. C. College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
34	Jagtap Sakshi Dattatray	S. S. C. College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
35	Kamat Utkarsha Shirirang	S. S. C. College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
36	Kamble Bhagyashri Eknath	S. S. C. College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
37	Londhe Shubham Ravindra	S. S. C. College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
38	Mali Mayuri Mohan	S. S. C. College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
39	Patil Aniket Sanjay	S. S. C. College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
40	Sabale Vidya Laxman	S. S. C. College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
41	Sadolkar Pooja Pandit	S. S. C. College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
42	Shinde Swati Rangrao	S. S. C. College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
43	Chikhale Shradha Surendra	Rajaram College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
44	Chougule Sakshi Balkrishna	Rajaram College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
45	Chougule Sayali Dilip	Rajaram College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
46	Davar Rahul Ramesh	Rajaram College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
47	Jadhav Akash Hemant	Rajaram College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
48	Jadhav Niket Ganesh	Rajaram College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
49	Jarag Omkar Vitthal	Rajaram College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
50	Karale Snehal Rajendra	Rajaram College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
51	Kawade Shushant Balavant	Rajaram College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
52	Magdum Rohit Ganpati	Rajaram College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
53	Matkar Shamal Hindurao	Rajaram College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
54	Mulla Jasmin Dastagir	Rajaram College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
55	Nayakude Vishal Mahadev	Rajaram College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
56	Parte Vinayak Chandrakant	Rajaram College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
57	Patil Kishori Krishnarat	Rajaram College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
58	Patil Pratibha Krushnat	Rajaram College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
59	Shinde Prasad Vilas	Rajaram College, Kolhapur	Present	Present	Present	Present	Present	Present	Present



Rayat Shikshan Samstha's  
Rajarshi Chhatrapati Shahu College, Kolhapur  
Department of Statistics  
Organized

Certificate Course on Computation of Statistics using R - Software  
(Self - Funded Under COC)

Attendance Sheet

Sr. No.	Name of the Student	College Name	24/11/2017	25/11/2017	27/11/2017	28/11/2017	29/11/2017	30/11/2017
31	Aminbhavi Avadhut Kallapa	S. S. C. College, Kolhapur	Abh...	Abh...	Abh...	Abh...	Abh...	Abh...
32	Borchate Ashwini Balaso	S. S. C. College, Kolhapur	Pchate	Pchate	Pchate	Pchate	Pchate	Pchate
33	Devali Suraj Narayan	S. S. C. College, Kolhapur	Devali	Devali	Devali	Devali	Devali	Devali
34	Jagtap Sakshi Dattatray	S. S. C. College, Kolhapur	Jagtap	Jagtap	Jagtap	Jagtap	Jagtap	Jagtap
35	Kamat Utkarsha Shrirang	S. S. C. College, Kolhapur	Kamat	Kamat	Kamat	Kamat	Kamat	Kamat
36	Kamble Bhagyashri Eknath	S. S. C. College, Kolhapur	Kamble	Kamble	Kamble	Kamble	Kamble	Kamble
37	Londhe Shubham Ravindra	S. S. C. College, Kolhapur	Londhe	Londhe	Londhe	Londhe	Londhe	Londhe
38	Mali Mayuri Mohan	S. S. C. College, Kolhapur	Mali	Mali	Mali	Mali	Mali	Mali
39	Patil Aniket Sanjay	S. S. C. College, Kolhapur	Patil	Patil	Patil	Patil	Patil	Patil
40	Sabale Vidya Laxman	S. S. C. College, Kolhapur	Sabale	Sabale	Sabale	Sabale	Sabale	Sabale
41	Sadolkar Pooja Pandit	S. S. C. College, Kolhapur	Sadolkar	Sadolkar	Sadolkar	Sadolkar	Sadolkar	Sadolkar
42	Shinde Swati Rangrao	S. S. C. College, Kolhapur	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde
43	Chikhale Shraddha Surendra	Rajaram College, Kolhapur	Chikhale	Chikhale	Chikhale	Chikhale	Chikhale	Chikhale
44	Chougule Sakshi Balkrishna	Rajaram College, Kolhapur	Chougule	Chougule	Chougule	Chougule	Chougule	Chougule
45	Chougule Sayali Dilip	Rajaram College, Kolhapur	Chougule	Chougule	Chougule	Chougule	Chougule	Chougule
46	Davar Rahul Ramesh	Rajaram College, Kolhapur	Davar	Davar	Davar	Davar	Davar	Davar
47	Jadhav Akash Hemant	Rajaram College, Kolhapur	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
48	Jadhav Niket Ganesh	Rajaram College, Kolhapur	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
49	Jarag Omkar Viithal	Rajaram College, Kolhapur	Jarag	Jarag	Jarag	Jarag	Jarag	Jarag
50	Karale Snehal Rajendra	Rajaram College, Kolhapur	Karale	Karale	Karale	Karale	Karale	Karale
51	Kawade Shushant Balavant	Rajaram College, Kolhapur	Kawade	Kawade	Kawade	Kawade	Kawade	Kawade
52	Magdum Rohit Ganpati	Rajaram College, Kolhapur	Magdum	Magdum	Magdum	Magdum	Magdum	Magdum
53	Maikar Shamal Hindurao	Rajaram College, Kolhapur	Maikar	Maikar	Maikar	Maikar	Maikar	Maikar
54	Mulla Jasmin Dastagir	Rajaram College, Kolhapur	Mulla	Mulla	Mulla	Mulla	Mulla	Mulla
55	Nayakude Vishal Mahadev	Rajaram College, Kolhapur	Nayakude	Nayakude	Nayakude	Nayakude	Nayakude	Nayakude
56	Parte Vinayak Chandrakant	Rajaram College, Kolhapur	Parte	Parte	Parte	Parte	Parte	Parte
57	Patil Kishori Krishan	Rajaram College, Kolhapur	Patil	Patil	Patil	Patil	Patil	Patil
58	Patil Pratibha Krushnat	Rajaram College, Kolhapur	Patil	Patil	Patil	Patil	Patil	Patil
59	Shinde Prasad Vilas	Rajaram College, Kolhapur	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde



Head

Department of Statistics  
Chh. Shahu College, Kolhapur

Rayat Shikshan Sanstha's  
Rajyash Chhatrapati Shahu College, Kolhapur  
Department of Statistics

Organized

**Certificate Course on Computation of Statistics using R - Software  
(Self - Funded Under COC)**

Attendance Sheet

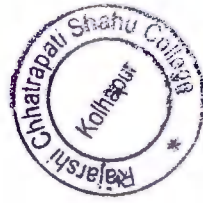
Sr. No.	Name of the Student	College Name	15/11/2017	16/11/2017	18/11/2017	20/11/2017	21/11/2017	22/11/2017	23/11/2017
1	Ayarekar Tejaswini Sunil	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
2	Bhosale Sairaj Sunil	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
3	Chavan Jyoti Suryakant	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
4	Chavan Sima Kundlik	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
5	Ghadage Harshwardhan Vijay	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
6	Humbe Rutuja Ramchandra	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
7	Jadhav Prathmesh Popatrao	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
8	Jadhav Sourabh Chandrakant	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
9	Khade Reshma Narayan	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
10	Koravi Maheshwari Shankar	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
11	Kumbhar Aniket Prakash	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
12	Kurade Ravina Sajjan	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
13	Mali Snehal Subhash	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
14	Mujawar Shahid Ahmed	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
15	Mujawar Tanjeema Gulab	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
16	Nadaf Musaddik Mansur	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
17	Naik Smita Shankar	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
18	Patade Suresh Kundlik	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
19	Patil Adinath Anil	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
20	Patil Amruta Ajit	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
21	Patil Ashish Maruti	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
22	Patil Avinash Ramdas	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
23	Patil Shubhangi Rangrao	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
24	Patil Snehalata Babagonda	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
25	Patil Vidya Suresh	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
26	Salokhe Satyam Sanjay	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
27	Shinde Onkar Ashok	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
28	Tiwari Nikita Kishor	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
29	Yetale Sudhir Krishnat	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present
30	Zurale Kirti Rajendra	R. C. Shahu College, Kolhapur	Present	Present	Present	Present	Present	Present	Present



**Certificate Course on Computation of Statistics using R - Software  
(Self - Funded Under COC)**

**Attendance Sheet**

Sr. No.	Name of the Student	College Name	24/11/2017	25/11/2017	27/11/2017	28/11/2017	29/11/2017	30/11/2017
1	Ayarekar Tejaswini Sunil	R. C. Shahu College, Kolhapur	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane	Sonawane
2	Bhosale Sairaj Sunil	R. C. Shahu College, Kolhapur	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
3	Chavan Jyoti Suryakant	R. C. Shahu College, Kolhapur	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan
4	Chavan Sima Kundlik	R. C. Shahu College, Kolhapur	Chavan	Chavan	Chavan	Chavan	Chavan	Chavan
5	Ghadage Harshwardhan Vijay	R. C. Shahu College, Kolhapur	Ghadage	Ghadage	Ghadage	Ghadage	Ghadage	Ghadage
6	Humbe Rutuja Ramchandra	R. C. Shahu College, Kolhapur	Humbe	Humbe	Humbe	Humbe	Humbe	Humbe
7	Jadhav Prathmesh Popatrao	R. C. Shahu College, Kolhapur	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
8	Jadhav Sourabh Chandrakant	R. C. Shahu College, Kolhapur	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
9	Khade Reshma Narayan	R. C. Shahu College, Kolhapur	Khade	Khade	Khade	Khade	Khade	Khade
10	Koravi Maheshwari Shankar	R. C. Shahu College, Kolhapur	Koravi	Koravi	Koravi	Koravi	Koravi	Koravi
11	Kumbhar Aniket Prakash	R. C. Shahu College, Kolhapur	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar
12	Kurade Ravina Sajjan	R. C. Shahu College, Kolhapur	Kurade	Kurade	Kurade	Kurade	Kurade	Kurade
13	Mali Snehal Subhash	R. C. Shahu College, Kolhapur	Mali	Mali	Mali	Mali	Mali	Mali
14	Mujawar Shahid Ahmed	R. C. Shahu College, Kolhapur	Mujawar	Mujawar	Mujawar	Mujawar	Mujawar	Mujawar
15	Mujawar Tanjeema Gulab	R. C. Shahu College, Kolhapur	Mujawar	Mujawar	Mujawar	Mujawar	Mujawar	Mujawar
16	Nadaf Musaddik Mansur	R. C. Shahu College, Kolhapur	Nadaf	Nadaf	Nadaf	Nadaf	Nadaf	Nadaf
17	Naik Smita Shankar	R. C. Shahu College, Kolhapur	Naik	Naik	Naik	Naik	Naik	Naik
18	Patade Suresh Kundlik	R. C. Shahu College, Kolhapur	Patade	Patade	Patade	Patade	Patade	Patade
19	Patil Adinath Anil	R. C. Shahu College, Kolhapur	Patil	Patil	Patil	Patil	Patil	Patil
20	Patil Amruta Ajit	R. C. Shahu College, Kolhapur	Patil	Patil	Patil	Patil	Patil	Patil
21	Patil Ashish Maruti	R. C. Shahu College, Kolhapur	Patil	Patil	Patil	Patil	Patil	Patil
22	Patil Avinash Ramdas	R. C. Shahu College, Kolhapur	Patil	Patil	Patil	Patil	Patil	Patil
23	Patil Shubhangi Rangrao	R. C. Shahu College, Kolhapur	Patil	Patil	Patil	Patil	Patil	Patil
24	Patil Snehalata Babagonda	R. C. Shahu College, Kolhapur	Patil	Patil	Patil	Patil	Patil	Patil
25	Patil Vidya Suresh	R. C. Shahu College, Kolhapur	Patil	Patil	Patil	Patil	Patil	Patil
26	Salokhe Satyam Sanjay	R. C. Shahu College, Kolhapur	Salokhe	Salokhe	Salokhe	Salokhe	Salokhe	Salokhe
27	Shinde Onkar Ashok	R. C. Shahu College, Kolhapur	Shinde	Shinde	Shinde	Shinde	Shinde	Shinde
28	Tiwari Nikita Kishor	R. C. Shahu College, Kolhapur	Tiwari	Tiwari	Tiwari	Tiwari	Tiwari	Tiwari
29	Yetale Sudhir Krishnat	R. C. Shahu College, Kolhapur	Yetale	Yetale	Yetale	Yetale	Yetale	Yetale
30	Zurale Kirti Rajendra	R. C. Shahu College, Kolhapur	Zurale	Zurale	Zurale	Zurale	Zurale	Zurale



**Head**

Department of Statistics  
Chhatrapati Shahu College, Kolhapur

7

**Rayat Shikshan Sanstha's**  
**Rajarshi Chhatrapati Shahu College, Kolhapur**  
**Department of Statistics , Organized**  
**Certificate Course on Computation of Statistics using R - Software 2017-18**

**Result**

Sr. No.	Name of the Student		Marks
1	Aminbhavi Avadhut Kallapa	S.S.C. Mahavidyalaya, Kolhapur	48
2	Borchate Aswini Balaso	S.S.C. Mahavidyalaya, Kolhapur	46
3	Devali Suraj Narayan	S.S.C. Mahavidyalaya, Kolhapur	46
4	Jagtap Sakshi Dattatray	S.S.C. Mahavidyalaya, Kolhapur	46
5	Kamat Utkarsha Shrirang	S.S.C. Mahavidyalaya, Kolhapur	48
6	Kamble Bhagyashri Eknath	S.S.C. Mahavidyalaya, Kolhapur	44
7	Londhe Shubham Ravindra	S.S.C. Mahavidyalaya, Kolhapur	46
8	Mali Mayuri Mohan	S.S.C. Mahavidyalaya, Kolhapur	48
9	Patil Aniket Sanjay	S.S.C. Mahavidyalaya, Kolhapur	46
10	Sable Vidya Laxman	S.S.C. Mahavidyalaya, Kolhapur	48
11	Sadolkar Pooja Pandit	S.S.C. Mahavidyalaya, Kolhapur	48
12	Shinde Swati Rangrao	S.S.C. Mahavidyalaya, Kolhapur	48
13	Chikhle Shradhha Surendra	Rajaram College Kolhapur	48
14	Chougale Sakshi Balkrushna	Rajaram College Kolhapur	46
15	Chougale Sayali Dilip	Rajaram College Kolhapur	48
16	Davar Rahul Ramesh	Rajaram College Kolhapur	46
17	Jadhav Akash Hemant	Rajaram College Kolhapur	46
18	Jadhav Niket Ganesh	Rajaram College Kolhapur	46
19	Jarag Omkar Vitthal	Rajaram College Kolhapur	48
20	Karale Snehal Rajendra	Rajaram College Kolhapur	48
21	Kavade Sushant Balavant	Rajaram College Kolhapur	46
22	Magdum Rohit Ganapati	Rajaram College Kolhapur	46
23	Malkar Shamal Hindurao	Rajaram College Kolhapur	48
24	Mulla Jasmin Dastgir	Rajaram College Kolhapur	46
25	Nayakude Vishal Mahadev	Rajaram College Kolhapur	48
26	Parate Vinayak Chandrakant	Rajaram College Kolhapur	48
27	Patil Kishori Krishnath	Rajaram College Kolhapur	46
28	Patil Pratibha Krushnath	Rajaram College Kolhapur	46
29	Shinde Prasad Vilas	Rajaram College Kolhapur	48
30	Ayerekar Tejswini Sunil	R.C.Shahu College, Kolhapur	48
31	Bhosale Sairaj Sunil	R.C.Shahu College, Kolhapur	48
32	Chavan Jyoti Suryakant	R.C.Shahu College, Kolhapur	46
33	Chavan Seema Kundlik	R.C.Shahu College, Kolhapur	46
34	Ghatge Harshvardhan Vijay	R.C.Shahu College, Kolhapur	46
35	Humbe Rutuja Ramchandra	R.C.Shahu College, Kolhapur	48
36	Jadhav Prathmesh Popatrao	R.C.Shahu College, Kolhapur	48



37	Jadhav Sourabh Chandrakant	R.C.Shahu College,Kolhapur	48
38	Khade Reshma Narayan	R.C.Shahu College,Kolhapur	46
39	Koravi Maheshwari Shankar	R.C.Shahu College,Kolhapur	48
40	Kumbhar Aniket Prakash	R.C.Shahu College,Kolhapur	46
41	Kurade Ravina Sajjan	R.C.Shahu College,Kolhapur	48
42	Mali Snehal Subhash	R.C.Shahu College,Kolhapur	48
43	Mujawar Shahid Ahmad	R.C.Shahu College,Kolhapur	46
44	Mujawar Tanjima Gulab	R.C.Shahu College,Kolhapur	48
45	Nadaf Musaddik Mansur	R.C.Shahu College,Kolhapur	46
46	Naik Smita Shankar	R.C.Shahu College,Kolhapur	48
47	Patade Suraj Kundalik	R.C.Shahu College,Kolhapur	46
48	Patil Adinath Anil	R.C.Shahu College,Kolhapur	48
49	Patil Amruta Ajit	R.C.Shahu College,Kolhapur	46
50	[patil Ashish Maruti	R.C.Shahu College,Kolhapur	46
51	Patil Avinash Ramdas	R.C.Shahu College,Kolhapur	48
52	Patil Shubhangi Rangrao	R.C.Shahu College,Kolhapur	46
53	Patil Snehlata Babagonda	R.C.Shahu College,Kolhapur	48
54	Patil Vidya Suresh	R.C.Shahu College,Kolhapur	46
55	Salokhe Satyam Sanjay	R.C.Shahu College,Kolhapur	48
56	Shinde Omkar Ashok	R.C.Shahu College,Kolhapur	48
57	Tiwari Nikita Kishor	R.C.Shahu College,Kolhapur	46
58	Yetale Sudhir Krushnath	R.C.Shahu College,Kolhapur	48
59	Zurale Kirti Rajendra	R.C.Shahu College,Kolhapur	48



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



" Education through self-help is our motto" - Karmveer  
Rayat Shikshan Sanstha's



# RAJARSHI CHHATRAPATI SHAHU COLLEGE, KOLHAPUR

NAAC REACCREDITED 'A'(WITH CGPA 3.07)

## DEPARTMENT OF STATISTICS



This is to certify that Prof./Shri/Smt. \_\_\_\_\_ of

\_\_\_\_\_ has attended and Participated/  
Delivered a Lecture as Resource Person/ Successfully completed Certificate Course in Computation of Statistics using  
R-software conducted by Department of Statistics of Rajarshi Chhatrapati Shahu College, Kolhapur from 15/11/2017 to  
30/11/2017..

Date : 30/11/2017.

**Prof. P. S. Chougule**  
Co-ordinator and Head,  
Department of Statistics

**Mr. G. S. Bansode**  
Incharge,  
Short Term Courses

**Dr. C. J. Khilare**  
Principal,  
R. C. Shahu College, Kolhapur