

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

Organized
Application of MS-Excel in Statistics
 Self – Funded under Short Term Courses in the academic year 2023-24

COURSE REPORT

Department of statistics organized the certificate course on Application of MS-Excel in Statistics for B.Sc I students for the academic year 2023-24. The main objectives of this course are:

- To indicate the names and functions of excel interface components
- To learn how to enter and edit the data
- To learn how to formulate the data and cells
- To learn how to create and modify chart and graph
- Preview and print worksheets
- To identify different statistical inbuilt functions
- To learn techniques of computations of various statistical measures using Excel

For this course fee of Rs.300 charged to the students. This course was conducted during the period of 04/08/2023 to 26/08/2023. Total number of beneficiaries for this course is 33. After completion of these course the students' knowledge was checked through various computation task through assignments. Each student who was successfully completed this course was awarded by certificate. Mr. Chougule P. S., Dr. Kurane T. S. (co-ordinator), Smt. Gadhari G.A., Smt. Patil S. S. and Smt. Pawar P. A. are worked as a Resource person for this course. The output of this course is the students shall become confident and they acquire the knowledge requires to perform exploratory data analysis activities using MS-Excel.

Outcomes: The students shall become confident and they acquire the knowledge requires to perform exploratory data analysis activities using MS-Excel.

**Total number of
beneficiaries is 33.**




Dr. T.S. Kurane
 Coordinator


Mr. P.S. Chougule
 Head
 Department of Statistics


Dr. M.K. Kannade
 Incharge
 Short term Courses


Dr. S.D. Shaikh
 IQAC
 Coordinator

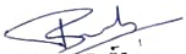

Dr. L.D. Kadam
 Principal
 R.C. Shahu College, Kolhapur

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

Organized
Certificate Course on Applications of MS-Excel in statistics
held on 4/8/2023 to 26/8/2023
 (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 = 33 (33*300)	9900/-	1) GST 18%	1782/-
		2)Certificate Printing	480/-
		2) Remuneration for Recourse Person Lumsum (40% of Total amount7638 is 3055/- equally distributed into 3 persons)	
		i) Smt.Gadhari G.A.	1019/-
		ii) Smt. Patil S.S.	1018/-
		iii) Smt. Pawar P.A.	1018/-
		3)Balance to College	4583/-
Total	9900=00	Total	9900=00


Dr. T. S. Kurane
 Co-ordinator,
 Department of Statistics,


Mr.P.S.Chougule
 Head,
 Department of Statistics


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


Dr. L.D.Kadam
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 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



This is to certify that Prof./Shri./Smt. _____ of

Rajarshi Chhatrapati Shahu College, Kolhapur has attended and Participated/Delivered a Lecture as Resource Person/
Successfully Completed Certificate Course on *Application of MS-Excel in Statistics* organized by Department of
Statistics of Rajarshi Chhatrapati Shahu College, Kolhapur from 04/08/2023 to 26/08/2023.


Dr. T. S. Kurane
Coordinator
Dept. of Statistics


Mr. P. S. Chougule
Head
Dept. of Statistics


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


Dr. S. D. Shaikh
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Coordinator


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R. C. Shahu College, Kolhapur.

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

Organized
“Certificate course on Application of MS-Excel in Statistics”
Exam (2023-24)

Date: 28/08/2023

Marks: 50

Time: 1 hour

Q.1 Represent the following data using Simple Bar Diagram. (10)

Year	Production(in million tons)
1985	35
1986	45
1987	50
1988	47
1989	52

Q.2 Draw a Pie Diagram to represent the following data. (10)

Group of items	Monthly Expenditure(in Rs.)
Food	1080
Clothing	648
House Rent	720
Fuel and Lightening	252
Others	900

Q. 3 Find A.M., S.D. and C.V. of the following data. (10)

43, 42, 48, 35, 65, 12, 67, 88

Q. 4 Find Correlation Coefficient between X and Y. (10)

Price (X)	71	68	66	67	70	72	69	73	70	65
Supply(Y)	59	64	65	63	62	61	60	58	57	65

Q. 5 Obtain M.D. about mean, C.V. for the following data. (10)

Class	10-15	15-20	20-25	25-30	30-35
Frequency	3	12	34	21	7

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Department of Statistics

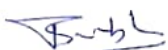
Organized

“Certificate course on Application of MS-Excel in Statistics”

Result of Enrolled Students(2023-24)

Sr. No.	Name of Student	Class	Marks
1	Arjun Sunil Kamble	B.Sc.I	42
2	Samruddhi Sachin Kolekar	B.Sc.I	50
3	Akash Prakash Shinde	B.Sc.I	49
4	Rhythm Amit Joshi	B.Sc.I	48
5	Pranita Motiram Kolekar	B.Sc.I	45
6	Suhail Riyazahmad Jamadar	B.Sc.I	49
7	Kusum Amarjeet Pal	B.Sc.I	47
8	Divya Baburao Powar	B.Sc.I	49
9	Arpiita Rajan Hulloli	B.Sc.I	43
10	Nandini Dilip Kamble	B.Sc.I	44
11	Mayur Prakash Jadhav	B.Sc.I	46
12	Sonali Rajan Bhise	B.Sc.I	48
13	Rohan Narayan Gurav	B.Sc.I	48
14	Swapnil Malgonda	B.Sc.I	46
15	Somnath Balaso Pawar	B.Sc.I	47
16	Bhumika Chandrakant Kamble	B.Sc.I	43
17	Tanvi Baban Patil	B.Sc.I	44
18	Diksha Namdev Sonagekar	B.Sc.I	46

19	Ravi Raghuvansh Singh	B.Sc.I	47
20	Prathmesh Mahadev Chavan	B.Sc.I	44
21	Vishvjit Pundlik Dange	B.Sc.I	43
22	Atharv Vijay Parit	B.Sc.I	42
23	Rahul Pandit Powar	B.Sc.I	45
24	Omkar Sanjay Babar	B.Sc.I	46
25	Smital Vilas Kamble	B.Sc.I	47
26	Anurag Deepak Sathe	B.Sc.I	43
27	Rajesh Balu Kerimani	B.Sc.I	46
28	Mahamadrenan Javed Jamadar	B.Sc.I	45
29	Mohmmad Abid Muneer Attar	B.Sc.I	46
30	Abdullah Yalkub Mulla	B.Sc.I	45
31	Sahil M. Shaikh	B.Sc.I	43
32	Shripad Vishuprasad Tagare	B.Sc.I	47
33	Sufiyan Ayyajahmad Jamadar	B.Sc.I	45


Co-ordinator
Dr. T. S. Kurane


Head
Department of Statistics
Rajarshi Chh. Shahu College, Kolhapur

Applications of MS-Excel in Statistics

Pandit Power

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Rayat Shikshan Sanstha's

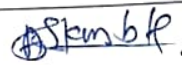
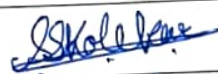
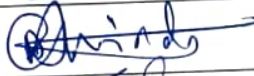
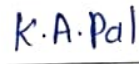
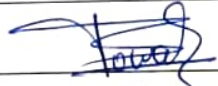
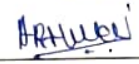
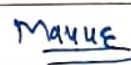
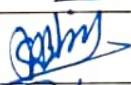
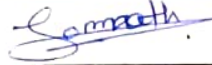
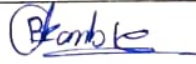
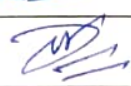
Rajarshi Chhatrapati Shahu College, Kolhapur

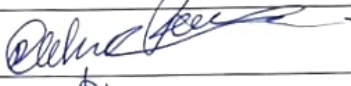
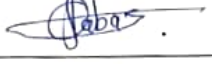
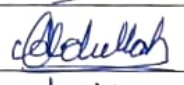
Department of Statistics

Organized

"Certificate course on Application of MS-Excel in Statistics"

List of Enrolled Students(2023-24)

Sr. No.	Name of Student	Class	Signature of Student
1	Arjun Sunil Kamble	B.Sc.I	
2	Samruddhi Sachin Kolekar	B.Sc.I	
3	Akash Prakash Shinde	B.Sc.I	
4	Rhythm Amit Joshi	B.Sc.I	
5	Pranita Motiram Kolekar	B.Sc.I	
6	Suhail Riyazahmad Jamadar	B.Sc.I	
7	Kusum Amarjeet Pal	B.Sc.I	
8	Divya Baburao Powar	B.Sc.I	
9	Arpiita Rajan Hulloli	B.Sc.I	
10	Nandini Dilip Kamble	B.Sc.I	
11	Mayur Prakash Jadhav	B.Sc.I	
12	Sonali Rajan Bhise	B.Sc.I	
13	Rohan Narayan Gurav	B.Sc.I	
14	Swapnil Malgonda	B.Sc.I	
15	Somnath Balaso Pawar	B.Sc.I	
16	Bhumika Chandrakant Kamble	B.Sc.I	
17	Tanvi Baban Patil	B.Sc.I	
18	Diksha Namdev Sonagekar	B.Sc.I	

19	Ravi Raghuvansh Singh	B.Sc.I	
20	Prathmesh Mahadev Chavan	B.Sc.I	P.m.chavan 😊
21	Vishvjit Pundlik Dange	B.Sc.I	Dange
22	Atharv Vijay Parit	B.Sc.I	
23	Rahul Pandit Powar	B.Sc.I	
24	Omkar Sanjay Babar	B.Sc.I	
25	Smital Vilas Kamble	B.Sc.I	Sub
26	Anurag Deepak Sathe	B.Sc.I	
27	Rajesh Balu Kerimani	B.Sc.I	R.B.K
28	Mahamadrenan Javed Jamadar	B.Sc.I	MRTJ
29	Mohmmad Abid Muneer Attar	B.Sc.I	A.M.AH. attar
30	Abdullah Yalkub Mulla	B.Sc.I	
31	Sahil M. Shaikh	B.Sc.I	
32	Shripad Vishuprasad Tagare	B.Sc.I	
33	Sufiyan Ayyajahmad Jamadar	B.Sc.I	

Head

Department of Statistics
Rajarshi Chh. Shahu College, Kolhapur



Principal,
Rajarshi Chh. Shahu College
Kolhapur.

Rayat Shikshan Sanstha's
Rajarshi chhatrapati shahu College, Kolhapur.
Department of statistics organised certificate course on
Application of MS-Excel in Statistics on 4/8/2023 to 26/8/2023

Enrollment List

Sr. No.	Name of Students	Fee in Rs.	Receipt No.	Sign of students
1	Arjun Sunil Kamble	300	3895	<i>Arjun Kamble</i>
2	Samruddhi Sachin Kolekar	300	3896	<i>Samruddhi Kolekar</i>
3	Akash Prakash Shinde	300	3897	<i>Akash Shinde</i>
4	Rhythm Amit Joshi	300	3898	<i>Rhythm Joshi</i>
5	Pranita Motiram Kolekar	300	3899	<i>Pranita Kolekar</i>
6	Suhail Riyazahmad Jamadar	300	3900	<i>Suhail Jamadar</i>
7	Kusum Amarjeet Pal	300	4201	<i>K.A. Pal</i>
8	Divya Baburao Powar	300	4202	<i>Divya Powar</i>
9	Arpiita Rajan Hulloli	300	4203	<i>Arpiita Hulloli</i>
10	Nandini Dilip Kamble	300	4204	<i>N.D. Kamble</i>
11	Mayur Prakash Jadhav	300	4205	<i>Mayur Jadhav</i>
12	Sonali Rajan Bhise	300	4206	<i>Sonali Bhise</i>
13	Rohan Narayan Gurav	300	4207	<i>Rohan Gurav</i>
14	Swapnil Malgonda	300	4208	<i>Swapnil Malgonda</i>
15	Somnath Balaso Pawar	300	4209	<i>Somnath Pawar</i>
16	Bhumika Chandrakant Kamble	300	4210	<i>Bhumika Kamble</i>
17	Tanvi Baban Patil	300	4211	<i>Tanvi Patil</i>
18	Diksha Namdev Sonagekar	300	4212	<i>Diksha Sonagekar</i>
19	Ravi Raghuvansh Singh	300	4213	<i>Ravi Singh</i>
20	Prathmesh Mahadev Chavan	300	4214	<i>Prathmesh Chavan</i>
21	Vishvijit Pundlik Dange	300	4215	<i>Vishvijit Dange</i>
22	Atharv Vijay Parit	300	4216	<i>Atharv Parit</i>
23	Rahul Pandit Powar	300	4217	<i>Rahul Powar</i>
24	Omkar Sanjay Babar	300	4218	<i>Omkar Babar</i>
25	Smital Vilas Kamble	300	4219	<i>Smital Kamble</i>
26	Anurag Deepak Sathe	300	4220	<i>Anurag Sathe</i>
27	Rajesh Balu Kerimani	300	4221	<i>Rajesh Kerimani</i>
28	Mahamadrenan Javed Jamadar	300	4222	<i>Mahamadrenan Jamadar</i>
29	Mohammad Abid Muneer Attar	300	4223	<i>Mohammad Attar</i>
30	Abdullah Yalkub Mulla	300	4224	<i>Abdullah Mulla</i>
31	Sahil M. Shaikh	300	4225	<i>Sahil Shaikh</i>
32	Shripad Vishuprasad Tagare	300	4226	<i>Shripad Tagare</i>
33	Sufiyan Ayyajahmad Jamadar	300	4227	<i>Sufiyan Jamadar</i>
Total Amount (in Rs.)		9900		

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

[Signature]
Principal,
Rajarshi Chh. Shahu College
Kolhapur.

Department of Statistics
Organised
Application of MS-Excel in Statistics
(Self - Funded Under COC)

Time Table 2023-24

Theory & Practice	Venue	Date		04/08/2023 3	05/08/2023	06/08/2023	07/08/2023	08/08/2023	09/08/2023	10/08/2023	11/08/2023	12/08/2023	15/08/2023	17/08/2023	22/08/2023	23/08/2023	25/08/2023 3	26/08/2023 3
		Time	4.00 - 5.30															
	Lab 1 (Stat.Lab.)			GAG	SSP	PAP	GAG	GAG	SSP	PAP	GAG	SSP	PAP	GAG	PAP	GAG	SSP	PAP

Sr. No.	Name of Lecturer	
1	GAG	Smt. Gadhari G. A.
2	SSP	Smt. Patil S. S.
3	PAP	Smt. Pawar P. A.


Head
Department of Statistics
Rajarshi Chh. Shahu College, Kolhapur


Principal,
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Kolhapur.

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Rajarshi Chhatrapati Shahu College, Kolhapur.
Department of Statistics
Organized
"Applications of MS-Excel using Statistics"
STUDENT NOTICE

Date:02/08/2023

All the students of B.Sc.I are informed that the Certificate course "Application of MS-Excel using Statistics" is being started in our college by the department of Statistics. All interested students should contact to course Co-ordinator Dr. T. S. Kurane.


Head
Department of Statistics
Rajarshi Chh. Shahu College, Kolhapur


Principal,
Rajarshi Chh. Shahu College
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) अकाँट विभाग- श्री. आर. के. यादव

Principal,
Rajarshi Chh. Shahu College,
Kolhapur.