

Padmabhushan Vasantodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF STATISTICS

Report on Career Oriented Course in “Data Analysis Using MS-Excel”

Title	Career Oriented Course in “Data Analysis Using MS-Excel”
Duration	2 nd January 2023 to 31 st March 2023
Organizer	Department of Statistics, P.V.P. Mahavidyalaya Kavathe Mahankal
Funding	--
BOS / Faculty	Prof. Dr. M. K. Patil Mr. V. V. Koshti Mr. G. D. Satpute Mrs. S. S. Patil Ms. P. M. Patil
Coordinator	Mrs. S. S. Patil
Background	Now a days analysis of data has high importance. For that, students must have some knowledge of softwares like MS- Excel, R, etc. MS- Excel is easy to handle and free to use. So this course is intended.
Objective	5. To acquaint students with some basic concepts (elementary knowledge) in MS-Excel. 6. To handle the data using MS- Excel. 7. To compute the statistical measures and construct charts using MS-Excel. 8. To analyse the data using data analysis tool pack of MS- Excel
Outcomes	5. To have some basic knowledge of MS-Excel. 6. To handle the data using MS- Excel. 7. To compute the statistical measures and construct charts using MS-Excel. 8. To analyse the data using data analysis tool pack of MS- Excel
Conclusion	Students got sufficient knowledge about MS- Excel and they are very excited to study such softwares in future. The course creates interest in students for analyzing data using softwares. Thus this course is fruitful and motivational for participated students.

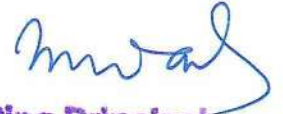
Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF STATISTICS

Career Oriented Course in "Data Analysis Using MS-Excel"

Brief Summary

Sr. No.	Organizing department	Department of Statistics		
		Male	Female	Total
1	Type of Activity	Career Oriented Course in "Data Analysis Using MS-Excel"		
2	Duration of Activity	2 nd January 2023 to 31 st March 2023		
3	Venue	Computer Lab, Department of Statistics		
4	Participation			
	Students	Male	Female	Total
	B. Sc. I	9	14	23
	B. Sc. III	10	10	20
	Total	19	24	43
5	Result	A-Grade	O-Grade	Total
	B. Sc. I	23	0	23
	B. Sc. III	10	10	20
	Total	33	10	43



Acting Principal

Padmabhushan Vasantrodada Patil
Mahavidyalaya, Kavathe Mahankal, Dist. Solapur.

From,
Head,
Department of statistics
P. V. P. College, Kavathe Mahankal,
Dist. Sangli, Maharashtra 416405
Date: 16/12/2022

To,
The Principal,
Padmabhushan Vasantodada Patil Mahavidyalaya,
Kavathe Mahankal, Dist. Sangli,
Maharashtra 416405

Subject: Seeking a permission to start the career oriented course in "Data analysis using MS- Excel".

Respected sir,

As per your guidelines we are going to start a career oriented course in "Data analysis using MS- Excel" in Department of Statistics for our college students. This course will be of 30 hours and will be completed during January 2023 to March 2023. The course will be definitely very beneficiary for students.

I request you to give permission to start the above course in the Department.

Thanking you.

Permission granted

Mudans
Acting Principal
Padmabhushan Vasantodada Patil
Mahavidyalaya, Kavathe Mahankal, Dist. Sangli.

Yours faithfully,
Shamf
Head
Department of Statistics
P.V.P. Mahavidyalaya,
Kavathe Mahankal, Dist.-Sangli

BROCHURE

Shikshan Prasarak Sanstha's
Padmabhushan Vasantrodada Patil Mahavidyalaya
Kavathe Mahankal, Sangli
· Affiliated to Shivaji University, Kolhapur

Department of Statistics

Excel

CAREER ORIENTED COURSE in
Data Analysis using MS- Excel

Well Equipped Computer Lab

All the Basics of Excel

Free Certificate

Data Handling and Analysis

Starting from
2nd January, 2023

Duration:
30 hours

Open For Enrollment

Contact: 9975736168

Head
Department of Statistics
P.V.P. Mahavidyalaya,
Kavathe Mahankal, Dist.-Sangli.

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF STATISTICS

Data Analysis using MS Excel

Objectives:

1. To acquaint students with some basic concepts (elementary knowledge) in MS-Excel.
2. To handle the data using MS- Excel.
3. To compute the statistical measures and construct charts using MS-Excel.
4. To analyse the data using data analysis tool pack of MS- Excel.

Duration:

The course will be completed in 30 hours (3 months).

Eligibility of the student:

1. The student must have the basic knowledge of computer.
2. Student must have passed H. Sc. Examination.

Course outcomes:

By the end of this course students are expected,

1. To have some basic knowledge of MS-Excel.
2. To handle the data using MS- Excel.
3. To compute the statistical measures and construct charts using MS-Excel.
4. To analyse the data using data analysis tool pack of MS- Excel

Evaluation Method:

The examination will be conducted in two parts – theory and practical. Theory examination will consist of 25 multiple choice questions which will be conducted on Google form and Practical examination will be of 25 marks which will be in computer lab at the end of the course.

Padmabhushan Vasanturadada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF STATISTICS

Data Analysis using MS Excel

Syllabus

Objectives and course outcomes:

The main objective of this course is to acquaint students with some basic concepts in MS-Excel. They will be introduced to some elementary knowledge of MS- Excel. By the end of this course students are expected to be able,

1. To handle the data using MS- Excel.
2. To compute the statistical measures and charts using MS-Excel.
3. To analyse the data using data analysis tool.

Unit 1:

(15 hours)

1.1 Introduction to Excel: Getting Started with Excel, Identify the Elements of the Excel Interface, Performing Calculations, creating formulas and inserting function, Find and Replace Data, Apply Number Formatting, sorting and filtering, Adding and Removing Data, text to columns, autofill the data,

1.2 Charts: Create pie chart, bar chart, scatter plot, line chart, Selecting Charts and Chart Elements, Moving and Resizing Charts, Changing the Chart Type, Changing the Data Range, Switching Column and Row Data, Choosing a Chart Layout, Choosing a Chart Style, Deleting Charts, Formatting Chart Objects, Inserting Objects into a Chart, Changing Chart Labels.

Unit 2:

(15 hours)

2.1 Formulas: Writing Formulas, using AutoSum, Inserting Functions, Editing a Range, Formula AutoCorrect, Built-in mathematical and statistical functions for obtaining descriptive statistic, computing PMF/PDF, CDF and quantiles of the well known distributions, rand function, Logical functions: if, true, false, and, or, not

2.2 Pivot tables and pivot charts: Creating PivotTables and Pivot Charts, Manipulating a PivotTable, Changing Calculated Value Fields, Creating a PivotChart, Setting PivotTable Options, Sorting and Filtering PivotTable Data,

2.3 Excel add-ins: analysis tool pack

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF STATISTICS

Data Analysis using MS Excel

Attendance (B. Sc. I)



Sr. No.	Name	02/01	03/01	04/01	05/01	06/01	07/01	12/01	13/01	14/01	19/01	20/01	21/01	27/01	28/01	02/02
1.	Komal Dagadu Pawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar	
2.	Prajwal Shahaji Khot	Rhot	Rhot	Rhot	Rhot	Rhot	Rhot	Rhot	Rhot	Rhot	Rhot		Rhot	Rhot	Rhot	
3.	Kajal Appaso Pawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar		KPawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar
4.	Prathamesh Nivrutti Sargar	PNS	PNS	PNS	PNS	PNS		PNS	PNS	PNS	PNS	PNS		PNS	PNS	PNS
5.	Shruti Balasaheb Khot	Shhot	Shhot	Shhot	Shhot	Shhot	Shhot	Shhot	Shhot	Shhot	Shhot	Shhot	Shhot	Shhot	Shhot	Shhot
6.	Shraddha Arun Koli	Skoli	Skoli	Skoli	Skoli	Skoli	Skoli	Skoli	Skoli	Skoli	Skoli	Skoli	Skoli		Skoli	Skoli
7.	Darshana Mahavir Gambhir	GAMBHIR	GAMBHIR	GAMBHIR	GAMBHIR	GAMBHIR	GAMBHIR	GAMBHIR	GAMBHIR	GAMBHIR		GAMBHIR	GAMBHIR	GAMBHIR	GAMBHIR	GAMBHIR
8.	Shruti Balaso Patkure	SPatkure	SPatkure	SPatkure	SPatkure	SPatkure	SPatkure	SPatkure	SPatkure	SPatkure	SPatkure	SPatkure	SPatkure	SPatkure	SPatkure	SPatkure
9.	Tanuja Tanaji Shingade	Shingade	Shingade	Shingade	Shingade		Shingade	Shingade	Shingade	Shingade	Shingade	Shingade	Shingade	Shingade	Shingade	
10.	Ashutosh Shankar Patil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil	SPatil

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF STATISTICS

Data Analysis using MS Excel

Attendance (B. Sc. I)



Sr. No.	Name	03/02	04/02	02/03	03/03	04/03	09/03	10/03	11/03	16/03	17/03	18/03	23/03	24/03	25/03	31/03
1.	Komal Dagadu Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar
2.	Prajwal Shahaji Khot	Khot	Khot	Khot	Khot	Khot	Khot	Khot	Khot	Khot	Khot	Khot	Khot	Khot	Khot	Khot
3.	Kajal Appaso Pawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar	KPawar
4.	Prathamesh Nivrutti Sargar	PNS	PNS	PNS	PNS	PNS	PNS	PNS	PNS	PNS	PNS	PNS	PNS	PNS	PNS	PNS
5.	Shruti Balasaheb Khot	Skhot	Skhot	Skhot	Skhot	Skhot	Skhot	Skhot	Skhot	Skhot	Skhot	Skhot	Skhot	Skhot	Skhot	Skhot
6.	Shraddha Arun Koli	Skoli	Skoli	Skoli	Skoli	Skoli	Skoli	Skoli	Skoli	Skoli	Skoli	Skoli	Skoli	Skoli	Skoli	Skoli
7.	Darshana Mahavir Gambhir	KAMBHIR	KAMBHIR	KAMBHIR	KAMBHIR	KAMBHIR	KAMBHIR	KAMBHIR	KAMBHIR	KAMBHIR	KAMBHIR	KAMBHIR	KAMBHIR	KAMBHIR	KAMBHIR	KAMBHIR
8.	Shruti Balaso Patkure	Patkure	Patkure	Patkure	Patkure	Patkure	Patkure	Patkure	Patkure	Patkure	Patkure	Patkure	Patkure	Patkure	Patkure	Patkure
9.	Tanuja Tanaji Shingade	Shingade	Shingade	Shingade	Shingade	Shingade	Shingade	Shingade	Shingade	Shingade	Shingade	Shingade	Shingade	Shingade	Shingade	Shingade
10.	Ashutosh Shankar Patil	Ashutosh	Ashutosh	Ashutosh	Ashutosh	Ashutosh	Ashutosh	Ashutosh	Ashutosh	Ashutosh	Ashutosh	Ashutosh	Ashutosh	Ashutosh	Ashutosh	Ashutosh

11.	Omkar Chhagan Puneekar	Patil	O.C.P.
12.	Aniket Avinash Patil	Patil	O.C.P.
13.	Poonam Balkrishna Kadam	Patil	O.C.P.
14.	Snehal Babaso Patil	Patil	O.C.P.
15.	Harshada Dasharath Koli	Patil	O.C.P.
16.	Arya Ramesh Chavan	Patil	O.C.P.
17.	Sanika Sampat Patil	Patil	O.C.P.
18.	Sanket Sukhadev Patil	Patil	O.C.P.
19.	Siddhanath Anand Awalekar	Patil	O.C.P.
20.	Prashant Malhari Dubule	Patil	O.C.P.
21.	Bablu Tukaram Pawar	Patil	O.C.P.
22.	Jyoti Babasaheb Kamble	Patil	O.C.P.
23.	Vaishnavi Dnyandev Pakhare	Patil	O.C.P.

Padmabhushan Vasantrodada Patil Mahavidyalaya, Kavathe Mahankal.

DEPARTMENT OF STATISTICS

Data Analysis using MS Excel

Attendance (B. Sc. III)



Sr. No.	Name	09/01	10/01	11/01	16/01	17/01	18/01	23/01	24/01	25/01	30/01	31/01	01/02	06/02	07/02	08/02
1.	Rutuja Sunil Deshmukh	R.S.De.	R.S.De.	R.S.De.	R.S.De.	R.S.De.	R.S.De.	R.S.De.	R.S.De.	R.S.De.	R.S.De.	R.S.De.	R.S.De.	R.S.De.	R.S.De.	R.S.De.
2.	Prajwal Shivaji Patil	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.
3.	Pooja Balkrishna Kadam	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.	P.Pat.
4.	Dhanashri Sanjay Bhosale	D.Bh.	D.Bh.	D.Bh.	D.Bh.	D.Bh.	D.Bh.	D.Bh.	D.Bh.	D.Bh.	D.Bh.	D.Bh.	D.Bh.	D.Bh.	D.Bh.	D.Bh.
5.	Dipali Uddhav Londhe	D.L.	D.L.	D.L.	D.L.	D.L.	D.L.	D.L.	D.L.	D.L.	D.L.	D.L.	D.L.	D.L.	D.L.	D.L.
6.	Suraj Dinkar Babar	S.B.	S.B.	S.B.	S.B.	S.B.	S.B.	S.B.	S.B.	S.B.	S.B.	S.B.	S.B.	S.B.	S.B.	S.B.
7.	Sairaj Nandkumar Patil	S.P.	S.P.	S.P.	S.P.	S.P.	S.P.	S.P.	S.P.	S.P.	S.P.	S.P.	S.P.	S.P.	S.P.	S.P.
8.	Dayanand R. Hipparkar	D.H.	D.H.	D.H.	D.H.	D.H.	D.H.	D.H.	D.H.	D.H.	D.H.	D.H.	D.H.	D.H.	D.H.	D.H.
9.	Vikrant Anandrao Desai	V.D.	V.D.	V.D.	V.D.	V.D.	V.D.	V.D.	V.D.	V.D.	V.D.	V.D.	V.D.	V.D.	V.D.	V.D.
10.	Akanksha Suresh Athavale	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.	A.A.

11.	Pranali Keshav Jagtap	Pranali	Keshav	Jagtap	Pranali	Keshav	Jagtap
12.	Shital Ananda Mali	Shital	Ananda	Mali	Shital	Ananda	Mali
13.	Tanaya Dhananjay Purohit	Tanaya	Dhananjay	Purohit	Tanaya	Dhananjay	Purohit
14.	Vikas Pradip Pawar	Vikas	Pradip	Pawar	Vikas	Pradip	Pawar
15.	Tejas Tatyasaheb Sathe	Tejas	Tatyasaheb	Sathe	Tejas	Tatyasaheb	Sathe
16.	Shakil Sardar Nadaf	Shakil	Sardar	Nadaf	Shakil	Sardar	Nadaf
17.	Someshwar Ramesh Borkar	Someshwar	Ramesh	Borkar	Someshwar	Ramesh	Borkar
18.	Aniket Mangesh Ghubade	Aniket	Mangesh	Ghubade	Aniket	Mangesh	Ghubade
19.	Manish Mahavir Kakade	Manish	Mahavir	Kakade	Manish	Mahavir	Kakade
20.	Anjum Maula Mulla	Anjum	Maula	Mulla	Anjum	Maula	Mulla

11.	Pranali Keshav Jagtap	Anjali	Pranali	Shah	Shah	Shah
12.	Shital Ananda Mali	Anjali	Shital	Shital	Shital	Shital
13.	Tanaya Dhananjay Purohit	Anjali	Purohit	Purohit	Purohit	Purohit
14.	Vikas Pradip Pawar	Anjali	Vikas	Vikas	Vikas	Vikas
15.	Tejas Tatyasaheb Sathe	Anjali	Tejas	Tejas	Tejas	Tejas
16.	Shakil Sardar Nadaf	Anjali	Shakil	Shakil	Shakil	Shakil
17.	Someshwar Ramesh Borkar	Anjali	S.R. Borkar	S.R. Borkar	S.R. Borkar	S.R. Borkar
18.	Aniket Mangesh Ghubade	Aniket	Aniket	Aniket	Aniket	Aniket
19.	Manish Mahavir Kakade	Aniket	Manish	Manish	Manish	Manish
20.	Anjum Maula Mulla	Aniket	Anjum	Anjum	Anjum	Anjum



Shikshan Prasarak Sanstha's
Padmabhushan Vasantaoada Patil Mahavidyalaya, Kavathe Mahankal,
Dist : Sangli, (Maharashtra)
Department of Statistics
Affiliated to Shivaji University, Kolhapur



Career Oriented Course in
Data Analysis Using MS Excel
Certificate

This is to certify that Mr./Ms. Komal Dagadu Pawar
(B. Sc. I) of P. V. P. Mahavidyalaya, Kavathe Mahankal Dist. Sangli has
successfully completed the career oriented course in "Data Analysis Using MS
Excel" during January 2023 to March 2023.

Ms. P. M. Patil

Mr. G. D. Satpute

Mrs. S. S. Patil

Asso. Prof. V. V. Koshti
Head

Prof. (Dr.) M. K. Patil
Principal

Acting Principal
Padmabhushan Vasantaoada Patil
Mahavidyalaya, Kavathe Mahankal, Dist. Sangli.