

Branch Name:	MANAGEMENT (Enrichment Course)
Program Code:	MS201
Course Name:	Application of Statistical Software Management
Course Code:	2MS2010391P
Pre-requisite Course:	Microsoft office, SPSS, Advanced Excel, Data science

Course Objectives:

- 1) To expose students to various applications of statistical software in management.
- 2) Apply learning of quantitative knowledge in use of statistical software.
- 3) Various applications of analytical tools will be discussed and outputs to shall be used to interpret and report the results.

Teaching and Examination Scheme:

Teaching Scheme (Hours per week)				Evaluation Scheme (Marks)				
Lecture (L)	Tutorial (T)	Practical (P)	Credit	Theory (Marks)		Practical (Marks)		Total (Marks)
				University Assessment	Continuous Assessment	University Assessment	Continuous Assessment	
-	2	2	-	-	-	-	-	-

Subject Contents:

Sr. No.	Topic	Total Hours	Weightage (%)
1	MS WORD, MS EXCEL, MS ADVANCED EXCEL, DATA MANGEMENT TOOLS	12	25
2	MS POWERPOINT, MS OUTLOOK, MS PUBLISHER, MAILING,	6	25
3	SPSS, DATA SCIENCE.	12	25
4	Data entry in MS Excel, SPSS and Stata of data from listed companies, Presentation and interpretation of results from MS Excel, SPSS, Stata and EViews of listed companies	6	25

Text Books:

Sr. No.	Books
1	Microsoft Excel 2013 – Data Analysis and Business Modeling; by Wayne L Winston; Microsoft press
2	Spreadsheet Skills for Finance Professionals by Pitabas Mohanty, 2nd Edition, Taxman, 2020

Reference Books:

Sr. No.	Books
1	Doing Data Analysis with SPSS; by Robert Carver; Thomson Brooks
2	Time Series Data Analysis Using EViews; by I. Gusti Ngurah Agung; Wiley publication

List of Open-Source Software/learning website:

1. “Management Concepts and Applications/Management” available on
2. https://en.wikibooks.org/wiki/Management_Concepts_and_Applications/Management
3. <http://www.managementconcepts.com/>

4. http://www.managementstudyguide.com/planning_function.htm
5. <https://qtanalytics.in/courses/software-training-eviews>
6. <http://www.datacapitalint.com/training/data-analysis-training-in-stata-sas-spss-eviews-r-excelpackage>

LAB/Practical

1. Students should be taken to Industrial Visit to understand management process.
2. Expert talk from Managers can be arranged for students to understand Manager's role.
3. Descriptive statistical analysis of last ten-year financial performance of a company by using MS Excel software.
4. Plot the graph of daily stock prices of companies listed in BSE Sensex.
5. Missing value analysis of hypothetical time series data by using SPSS software.
6. Correlation and regression analysis between the foreign direct investment and GDP of the Indian economy by using E-views software.

Course Learning Outcomes (CLO): On completion of this course, the students will be able to:

CLO	Description	Bloom's Taxonomy Level
CLO1	Basic knowledge of statistics familiar with Microsoft office.	1 Remember 2 understand
CLO2	To understand different software for statistical data analysis	2 understand
CLO3	To make analysis through Various applications of analytical tools and interpret and report the results.	4 Analyze
CLO4	learning of quantitative knowledge use of statistical software	2 understand 3 apply
CLO5	Adoption of new methods easily make applicable in long term by using different statistical software	3 Apply
CLO6	Students can apply in their research studies and projects for data analysis	5 Evaluate

Mapping of CLOs with POs & PSOs

Course Learning Outcomes	Program Outcomes (POs)								Program Specific Outcomes (PSOs)	
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2
CLO1	M	H	H	L	L	H	H	H	M	
CLO2	M	H				H	M		H	
CLO3	H	H	M				H	M	H	M
CLO4	H	H		L		L			M	
CLO5	M	M				H		H	M	
CLO6	H	H	H	H	H	H	H	H	H	M

H: High, M: Medium, L: Low
