

Department **MASTER OF BUSINESS ADMINISTRATION** **R 2020** **Sem. III**

Course Code	Course Name	Hours / Week			Credit	Total Hours	Maximum Mark
		L	T	P			
20PBA19	Data Analysis and Business Modelling	0	0	4	2	45	100

- Course Objective**
1. To enrich the students with maximum utilization of SPSS package
 2. To equip the students to be organizational effective
 3. To understand how to displays data tables easily and quickly using SPSS
 4. To provide the students in making quick decision in business modeling using POM
 5. To provide the knowledge in educating the build in feature statistical tests in SPSS.

Experiment No	Description of the Experiment	Practical Hours
1	Descriptive statistics	2
2	Hypothesis Parametric Test – One Sample T-Test	2
3	Hypothesis Parametric Test – Independent T-Test	2
4	Hypothesis Parametric Test – Paired T-Test	2
5	Hypothesis Parametric Test – One way ANOVA	3
6	Hypothesis Parametric Test – MANOVA	3
7	Hypothesis Non-Parametric Test – Chi-Square Test	3
8	Hypothesis Non-Parametric Test – Kolmogorov Smirnov Test	2
9	Hypothesis Non-Parametric Test – Mann Whitney Test	2
10	Hypothesis Non-Parametric Test – Wilcoxon Signed rank Test	2
11	Hypothesis Non-Parametric Test – Kruskal-Wallis Test	2
12	Correlation	2
13	Regression	3
14	Multiple Regression	3
15	Transportation problem - POM	2
16	Assignment problem-POM	2
17	Network model-POM	2
18	Network model- PERT-POM	2
19	Inventory Model - POM	2
20	Queuing Theory- POM	2
		45

State of the Art

Business Applications Software II

Course Outcome

- CO1 Students able to utilize SPSS package to the maximum.
- CO2 Able to equip them organizational effective
- CO3 Familiarize on the data tables displays quickly
- CO4 Gained knowledge on the POM software
- CO5 Acquaint knowledge on the complex statistics

CO PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	2	3	2	3	1	1		2	1	2	1	3	2	3
CO2	1	3	2	3	1			2	1	2		3	2	3
CO3	2	3	2	2	1		1	1	1	2		3	3	3
CO4	2	3	3	2	1			1	1	2		3	3	3
CO5	1	3	3	2	1	1		1	1	2		3	3	3

