



# ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

(Unit of Alva's Education Foundation (R), Moodbidri)  
Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi. Recognized by  
Government of Karnataka.

Accredited with A+ by NAAC & NBA (ECE & CSE)

Shobhavana Campus, MIJAR-574225, Moodbidri, D.K., Karnataka  
Ph: 08258-262725; Mob:722262724,7026262725,mail:principalaiet08@gmail.com

## PG DEPARTMENT OF BUSINESS ADMINISTRATION

05-12-2023

To  
IQAC Chairman  
AIET, Mijar

Respected Sir,

**Sub: Permission to Conduct a Workshop on Data Analysis using SPSS & AMOS.**

This is to inform you that, the PG Department of Business Administration has decided to conduct the "Workshop on Data Analysis using SPSS & AMOS" by Dr. Niyaz Panakaje, Associate Professor & Coordinator, Yen-Refined, YIASCM, Yenepoya (Deemed to be University), Mangaluru for II Year MBA students (Batch 2022-24) on 7<sup>th</sup> December 2023. Kindly request you to permit us to conduct the program.

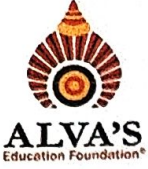
Date	Resource Person	Venue
07-12-2023	Dr. Niyaz Panakaje, Associate Professor & Coordinator, Yen-Refined, YIASCM, Yenepoya (Deemed to be University), Mangaluru	MBA Seminar Hall

Thanking you.

Yours sincerely

HOD  
PG Dept. of Business Administration  
Alva's Institute of Engg. & Technology  
Mijar - 574225

PRINCIPAL  
Alva's Institute of Engg. & Technology,  
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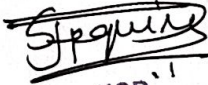
### PG DEPARTMENT OF BUSINESS ADMINISTRATION

AIET/MBA/ID/171

06-12-2023

#### CIRCULAR

It is hereby informed to all the II year MBA students to attend the "Workshop on Data Analysis using SPSS & AMOS" by Dr. Niyaz Panakaje, Associate Professor & Coordinator, Yen-Refined, YIASCM, Yenepoya (Deemed to be University), Mangaluru on 7<sup>th</sup> December 2023 in MBA Seminar Hall without fail.

  
HOD  
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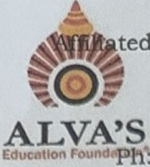
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## PG DEPARTMENT OF BUSINESS ADMINISTRATION

### SYLLABUS ON SPSS & AMOS

Sl.No	Topics
1	<b>Introduction to SPSS</b> <ul style="list-style-type: none"><li>• Overview of SPSS interface</li><li>• Data entry and importing</li><li>• Data cleaning and manipulation</li><li>• Descriptive statistics</li></ul>
2	<b>Inferential Statistics with SPSS</b> <ul style="list-style-type: none"><li>• Parametric and non-parametric tests (t-tests, ANOVA, chi-square)</li><li>• Correlation analysis</li><li>• Regression analysis</li></ul>
3	<b>Advanced SPSS Techniques</b> <ul style="list-style-type: none"><li>• Factor analysis</li><li>• Cluster analysis</li><li>• MANOVA</li></ul>
4	<b>Introduction to AMOS</b> <ul style="list-style-type: none"><li>• Understanding SEM and its applications</li><li>• Basics of path diagrams and model building in AMOS</li><li>• Specifying, estimating, and evaluating SEM models</li></ul>



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## PG DEPARTMENT OF BUSINESS ADMINISTRATION

### REPORT ON DATA ANALYSIS USING SPSS AND AMOS

**Date:** DEC 07, 2023

**Time:** 9:00 AM

**Trainer:** Dr Niyaz Panakaje

**Venue:** Auditorium

#### **Objectives:**

The objective of studying data analysis using SPSS (Statistical Package for the Social Sciences) and AMOS (Analysis of Moment Structures) is to acquire a comprehensive set of analytical skills and tools for conducting robust statistical analyses and structural equation modelling.

To equip participants with comprehensive skills and knowledge in utilizing advanced statistical techniques for robust data interpretation and model testing.

To Develop a proficient understanding of SPSS software to efficiently manage, clean, and pre-process diverse datasets.



Session by Dr Niyaz Panakaje

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The training programme involved demo of different kinds of tools which are used in research. Students were able to get the hands on experience using SPSS and AMOS software. Students were able to learn measurement of scale, Hypothesis Testing, Percentage Analysis, Descriptive statistics, Normal Distribution, Chi-square Test, Analyse- Correlation-Bivariate- Purchase intention, Analyse-Regression -Linear Programming- Dependent and Independent Variable. Through hands-on sessions and practical applications, students demonstrated a significant improvement in their ability to manipulate and interpret data. The integration of SPSS facilitated efficient data management and statistical analysis, while AMOS provided a robust platform for structural equation modelling. All the III Semester MBA students attended the session.



Session by Dr Niyaz Panakaje

#### OUTCOMES:

- ❖ Students gained comprehensive understanding of the basic concepts of using SPSS and AMOS
- ❖ Students were able to design research studies, formulate hypotheses, and using appropriate statistical methods. They were able to understand the importance of statistical tests in drawing meaningful conclusions from data.



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- ❖ Students were able to get skills in structural equation modelling (SEM) using AMOS, enabling them to analyse complex relationships among variables in their research.
- ❖ Proficiency in SPSS and AMOS can serve as a solid foundation for further studies in statistics, data science, or related fields.

**Total of 120 students benefited from this session.**

PG Dept. of Business Administration  
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Mijar - 574225

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**PG DEPARTMENT OF BUSINESS ADMINISTRATION**

DATE:07/12/2023

Venue : MBA Seminar Hall

**Workshop on Data Analysis using SPSS & AMOS**

By Dr. Niyaz Panakaje, Associate Professor & Coordinator, Yen-Refined, YIASCAM,  
Yenepoya (Deemed to be University),Mangaluru

**SECTION 'A'**

SL. No	USN	STUDENT NAME	07-12-2023	
			09:00am-01:00pm	02:00pm-05:00pm
1	4AL22BA002	Abin K P	<i>Abin</i>	<i>Abin</i>
2	4AL22BA005	Akshatha B Mali	<i>B Mali</i>	<i>B. Mali</i>
3	4AL22BA006	Akshitha.M	<i>Akshitha</i>	<i>Akshitha</i>
4	4AL22BA007	Alisha Maria	<i>Alisha</i>	<i>Alisha</i>
5	4AL22BA009	Apoorva	<i>Apoorva</i>	<i>Apoorva</i>
6	4AL22BA010	Ashwitha Shetty	<i>Ash</i>	<i>Ash</i>
7	4AL22BA011	Ayesha Ibrahim	<i>Ayesha</i>	<i>Ayesha</i>
8	4AL22BA012	Bhoomika	<i>Bhoomika</i>	<i>Bhoomika</i>
9	4AL22BA013	Bhoomika DR	<i>Bhoomika</i>	<i>Bhoomika</i>
10	4AL22BA014	Chaitra	<i>Chaitra</i>	<i>Chaitra</i>
11	4AL22BA016	Chirag	<i>Chirag</i>	<i>Chirag</i>
12	4AL22BA018	Deekshitha .N	<i>Deekshitha</i>	<i>Deekshitha</i>
13	4AL22BA019	Deekshitha Rani K	<i>Deekshitha</i>	<i>Deekshitha</i>
14	4AL22BA023	Dhanush. K	<i>Dhanush</i>	<i>Dhanush</i>
15	4AL22BA024	Dhruvakumar Av	<i>Dhruvakumar</i>	<i>Dhruvakumar</i>
16	4AL22BA027	Greeshma	<i>Greeshma</i>	<i>Greeshma</i>
17	4AL22BA032	Hrushitha	<i>Hrushitha</i>	<i>Hrushitha</i>
18	4AL22BA033	Jenisha Lasrado	<i>Jenisha</i>	<i>Jenisha</i>
19	4AL22BA036	Keerthan	<i>Keerthan</i>	<i>Keerthan</i>
20	4AL22BA038	Krithik K M	<i>Krithik</i>	<i>Krithik</i>
21	4AL22BA041	Megha	<i>Megha</i>	<i>Megha</i>
22	4AL22BA045	Nanda DS	<i>Nanda</i>	<i>Nanda</i>
23	4AL22BA049	Nithin J. Poojary	<i>Nithin</i>	<i>Nithin</i>
24	4AL22BA050	Nithya	<i>Nithya</i>	<i>Nithya</i>
25	4AL22BA051	Nithya R S	<i>Nithya</i>	<i>Nithya</i>
26	4AL22BA057	Prajeetha Shetty	<i>Prajeetha Shetty</i>	<i>Prajeetha</i>
27	4AL22BA060	Pramod	<i>Absent</i>	<i>Absent</i>

28	4AL22BA061	Pranava Swaroopa		
29	4AL22BA062	Praneetha. J. H		
30	4AL22BA063	Prashantha G		
31	4AL22BA064	Prathiksha		
32	4AL22BA065	Prathiksha Shetty		
33	4AL22BA069	Rachana Shenoy		
34	4AL22BA070	Rajendra Prasad K B		
35	4AL22BA072	Rakshith Jain		
36	4AL22BA077	Rashmitha		
37	4AL22BA078	Rithesh B		
38	4AL22BA079	Sahana		
39	4AL22BA080	Sahithya		
40	4AL22BA082	Sandeep Raviprasad Acharya		
41	4AL22BA085	Satyajith H Rao		
42	4AL22BA091	Shraddha S Shetty	Absent	Absent
43	4AL22BA093	Shramya		
44	4AL22BA094	Shravan Acharya		
45	4AL22BA096	Shreshta Jain		
46	4AL22BA097	Shreya		
47	4AL22BA099	Shreya Kava		
48	4AL22BA100	Shreyas H Devadiga		
49	4AL22BA101	Shrutha D Shetty		
50	4AL22BA103	Sindhu Shiva Kharvi		
51	4AL22BA105	Sowndarya		
52	4AL22BA106	Srikanth N		
53	4AL22BA110	Supritha		
54	4AL22BA111	Suvith Shetty		
55	4AL22BA112	Suzana Shaikh		
56	4AL22BA114	Tekoji Sillikyatar		
57	4AL22BA116	Vikas D K		
58	4AL22BA117	Vineeth V Devadiga		
59	4AL22BA118	Vinutha		
60	4AL22BA120	Yogish		

PRINCIPAL

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**PG DEPARTMENT OF BUSINESS ADMINISTRATION**

DATE:07/12/2023

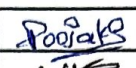
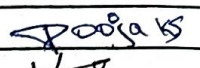



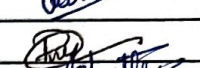
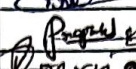
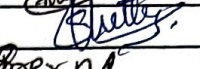
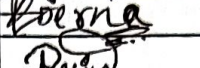
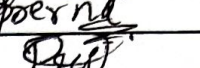
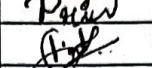
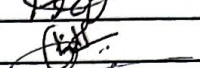
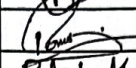
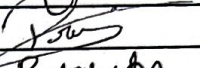
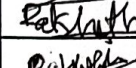
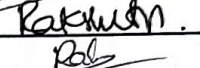
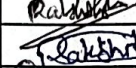
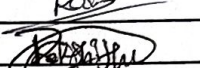
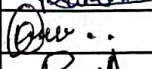
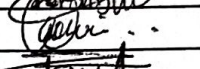
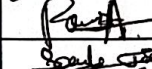
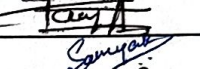
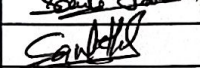
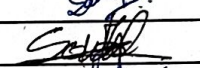

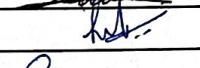
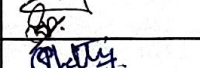
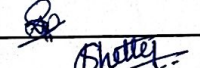
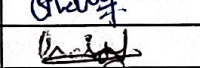
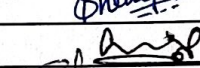

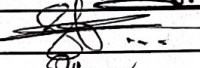
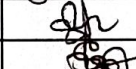
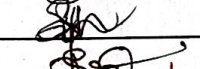

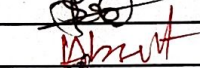
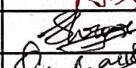
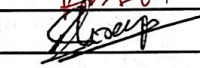

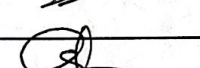
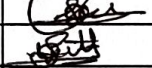

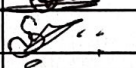
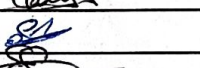
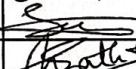
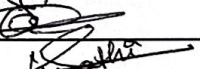
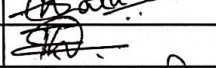
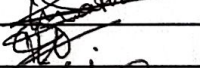
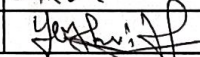
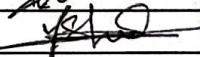
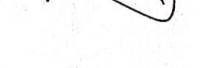









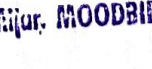





Venue : MBA Seminar Hall

**Workshop on Data Analysis using SPSS & AMOS**

By Dr. Niyaz Panakaje, Associate Professor & Coordinator, Yen-Refined, YIASC, Yenepoya  
(Deemed to be University),Mangaluru

**SECTION 'B'**

SL. No	USN	STUDENT NAME	07-12-2023	
			09:00am-01:00pm	02:00pm-05:00pm
1	4AL22BA001	Abhiraj K V		
2	4AL22BA003	Adarsh		
3	4AL22BA004	Akshari Shetty		
4	4AL22BA008	Amisha Devadiga		
5	4AL22BA015	Chethan		
6	4AL22BA017	Ciona Vilceeta Pereira		
7	4AL22BA020	Deepthi		
8	4AL22BA021	Deepthi Kumari		
9	4AL22BA022	Dhanush		
10	4AL22BA025	Divyashree		
11	4AL22BA026	Fiza S Shaikh		
12	4AL22BA028	Harshitha		
13	4AL22BA030	Helan K. J		
14	4AL22BA031	Hithesh		
15	4AL22BA034	K Abhay Pai		
16	4AL22BA035	Kavya		
17	4AL22BA037	Kishan Kumar		
18	4AL22BA039	Kruti K S		
19	4AL22BA040	Maithri R Shetty		
20	4AL22BA042	Meghana G.U		
21	4AL22BA043	Monica M		
22	4AL22BA044	Muniraju S		
23	4AL22BA046	Navaneeth Gore		
24	4AL22BA047	Naveen		
25	4AL22BA048	Nireeksha		
26	4AL22BA052	Pooja		
27	4AL22BA053	Pooja C		

28	4AL22BA054	Pooja k s		
29	4AL22BA055	Poojary Vinisha		
30	4AL22BA056	Prahlad V Acharya		
31	4AL22BA058	Prajna		
32	4AL22BA059	Prajwal		
33	4AL22BA029	Prerna Hegde		
34	4AL22BA066	Priyanka R		
35	4AL22BA067	Pruthvika B G		
36	4AL22BA068	Pruthviraj		
37	4AL22BA071	Rakshith		
38	4AL22BA073	Rakshith Shetty		
39	4AL22BA074	Rakshitha		
40	4AL22BA075	Ramesh		
41	4AL22BA076	Ramyashree		
42	4AL22BA081	Samyak Jain		
43	4AL22BA083	Sanketh S		
44	4AL22BA084	Sapan		
45	4AL22BA086	Shama		
46	4AL22BA087	Sharanya Shetty		
47	4AL22BA088	Shashikumar Ramanna Bangi		
48	4AL22BA089	Shodhan Jain		
49	4AL22BA092	Shraddha Shetty		
50	4AL22BA090	Shraddha.m		
51	4AL22BA095	Shreni Cs		
52	4AL22BA098	Shreya Jain		
53	4AL22BA102	Shushank Jain		
54	4AL22BA104	Soujanya		
55	4AL22BA107	Srushti		
56	4AL22BA108	Sudeeksha S Shetty		
57	4AL22BA109	Suman.b		
58	4AL22BA113	Swathi		
59	4AL22BA115	Thrupthi		
60	4AL22BA119	Yashwith B Shetty		





PRINCIPAL

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