



Maharaja Agrasen Institute of Management Studies

Department of Business Administration

Under the Aegis of IQAC

Skill Enhancement Certificate Course

“Jamovi Software”

April - June 2021

Report

Maharaja Agrasen Institute of Management Studies, Department of Business Administration under the aegis of IQAC started a Skill Enhancement Certificate Course on ‘jamovi’. The course was started for 2nd year undergraduate students of MAIMS.

The sessions started from April, 2021 and ended in the month of June, 2021. With 16 sessions of 1 hour each, the course was of 16 hours duration in total. Every modern business requires Research and Development department for forecasting early and future business opportunities. Research has a significant role in managerial decision-making process. The information that the management requires helps in making decisions that are more precise and more reliable.

With this objective in mind, the layout of Skill Enhancement Certificate Course on ‘jamovi’ was made meticulously. There were sessions on basic commands of the software, descriptive analysis, t-test and other statistical techniques of data analysis scheduled. The knowledge of these sessions will help our students to become dynamic, resourceful and proficient managers of tomorrow.

The certificate course was headed by Prof. (Dr.) Vijay Kumar Khurana, Head, Department of Business Administration. The course was convened by Dr. Bharti Chaudhary, Associate Professor, Department of Business Administration and convened by Dr. Parul Kumar, Senior Assistant Professor, Department of Business Administration.

Three faculty members from the Department of Business Administration acted as the resource person for the course covering various topics of data analysis as per their expertise. At the end of every topic, students were required to fill a feedback form. They were also required to participate in a short multiple-choice question at the end of the course. Criteria of certification is threefold i.e., Attendance, Class Performance, Quality of Assignments & Assessment (Multiple Choice Questions). The pedagogy followed is in



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coherence with the current requirements in order to bring out the best in the students to be successful managers.

It is strongly believed that course curriculum has enabled the overall development of budding researchers to come up with the expectations of the corporate world. Our heartfelt gratitude to Prof.(Dr.) Vijay Kumar Khurana, Head, Department of Business Administration who worked under the stewardship of Prof.(Dr.) S.K. Garg, Director General, MAIMS and Prof.(Dr.) Ravi Kumar Gupta, Director, MAIMS. Their unwavering sustenance and inspiration helped in fruitful completion of this course.

Faculty Convenors

- **Dr. Bharti Chaudhary, Associate Professor**
- **Dr. Shilpee Aggarwal, Associate Professor**
- **Ms. Anu Goyal, Assistant Professor**

About the Jamovi Course

Knowledge is power, as the saying goes. Conducting thorough research in business is an excellent strategy to learn more about your market, customers and competition. With that information in hand, you can make innovative and well-thought-out decisions to help grow your business. To adapt to the changing business environment, the students need to have contemporary and the most relevant knowledge and skills.

This course aimed to provide students with an overview of imparting practical knowledge on most recent software as a result of technological advancements in the field of Research Analysis. The course helped students to learn the various aspects of research, identification and use of various statistical tests using 'jamovi' software. Also, it developed the expertise and enhanced their critical thinking skills as well as analytical skills.

Objective of the Course



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- To impart practical knowledge on most recent software as a result of technological advancements in the field of Research Analysis.
- To understand the various aspects of research, identification and use of various statistical test using 'jamovi' software.

Course Outcomes

CO1: Evaluate the appropriate quantitative methodologies like survey or content analysis and experimental research of real-world problems.

CO2: Describe the best possible approaches to quantitative research using various analytical tools on jamovi.

CO3: Examine the possible solutions of real-world problems by application of research techniques and procedures.

Contents of the Course

S.No.	Topic
1	Basic Commands of the Software
2	Survey Plots
3	Anova: One way & Two way
4	Regression
5	Basic Commands of the Software
6	Survey Plots
7	Descriptive Analysis
8	T-test
9	Correlation
10	Factor Analysis & Reliability Analysis
11	Descriptive Analysis

12

T-test

Top Performers of the Certificate Course



Mr. Jagrit Jain

Bachelor of Business Administration

Enrolment No. 12214701719

Average Score: 92%



Ms. Navneet kaur Sabharwal

Bachelor of Business Administration

Enrolment No. 36314701719

Average Score: 89%











Ms. Manya Bisht





Bachelor of Business Administration




Enrolment No. 00161101719

Average Score: 86%

	<p>Mr. Akshat Bachelor of Business Administration Enrolment No. 03661101719 Average Score: 86%</p>
	<p>Mr. Amardeep Choudhary Bachelor of Business Administration Enrolment No. 12661101719 Average Score: 85%</p>
	<p>Mr. Aditya Mehra Bachelor of Business Administration Enrolment No.03514701719 Average Score: 84%</p>
	<p>Mr. Shiva Sachdeva Bachelor of Business Administration Enrolment No.09214701719 Average Score: 84%</p>

	<p>Ms. Nikita Gupta Bachelor of Business Administration Enrolment No.07314701719 Average Score: 84%</p>
	<p>Ms. Swati Jain Bachelor of Business Administration Enrolment No. 05461101719 Average Score: 83%</p>
	<p>Mr. Harshit Sadhwani Bachelor of Business Administration Enrolment No. 07561101719 Average Score: 82%</p>
	<p>Ms. Jyoti Garg Bachelor of Business Administration Enrolment No.15161101719 Average Score: 82%</p>

	<p>Mr. Rahul Raj Bachelor of Business Administration Enrolment No.11361101719 Average Score: 82%</p>
	<p>Ms. Dishika Aggarwal Bachelor of Business Administration Enrolment No. 14214701719 Average Score: 80%</p>
	<p>Mr. Varun Prakash Bachelor of Business Administration Enrolment No.06961101719 Average Score: 78%</p>
	<p>Ms. Riya Jain Bachelor of Business Administration Enrolment No .02314701719 Average Score: 78%</p>

	<p>Mr. Geetanshu Rana Bachelor of Business Administration Enrolment No .01814701719 Average Score: 78%</p>
	<p>Mr. Mayank Aggarwal Bachelor of Business Administration Enrolment No. 07161101719 Average Score: 77.7%</p>
	<p>Mr. Devansh Gupta Bachelor of Business Administration Enrolment No. 07914701719 Average Score: 77%</p>