



MAHARAJA AGRASEN INSTITUTE OF MANAGEMENT STUDIES

(A unit of Maharaja Agrasen Technical Education Society)

Affiliated to GGSIP University; Recognized u/s 2(f) of UGC

Recognized by Bar Council of India; ISO 9001: 2015 Certified Institution

Maharaja Agrasen Chowk, Sector 22, Rohini, Delhi - 110086, INDIA

Tel. Office: 8448186947, 8448186950 www.maims.ac.in

Report: Guidance for Beginners in Research Project

Theme: Guidance of Minor & Major Research Project

Organizing Department: Commerce Department

Head of Department: Prof. Dr. Manju Gupta

Student Beneficiary: 120

Convenor: Dr. Rachna Jain

Date: April 5, 2023 – May 26, 2023

Time: 2:30 pm – 4:00 pm

Resource Persons: Prof. Dr. Manju Gupta, Dr. Anil Kr Goyal, Dr. Rachna Jain, Dr. Geetanjali Gupta, Mr. Praveen Kumar Singh, Ms. Taranpreet Kaur, Dr. Rachita Aggarwal, Dr. Kamal Gupta, Dr. Sakshi Gupta, Dr. Sheetal Badesra, Ms. Shreya Garg, Ms. Divisha Gupta, Ms. Durga Aryal.

OBJECTIVES OF VALUE-ADDED COURSE

- Guiding students on research techniques to sharpen analytical skills.
- Gentle overview to research methodologies, tools and techniques in research.
- Emphasize the value of strong writing abilities in research as well as writing styles.
- Able to write a research paper, case study, book chapter, conference proceedings, etc.

REPORT

Maharaja Agrasen Institute of Management Studies, Department of Commerce under the aegis of IQAC started a Value-Added Certificate Course on “Guidance for Beginners in Research Project”. The course was started for the undergraduate students of MAIMS. Registration for the same began on 29th March 2023 and classes had started from 5th April till 26th May, 2023. Classes were conducted in two Batches having 60 students in each batch. Batch 1 classes were scheduled on Monday, Wednesday & Friday. Batch 2 classes were scheduled on Tuesday, Thursday & Saturday. With 20 sessions of 1.5 hours each, the course was of 30 hours duration in total.

This course is aimed at guiding students on research techniques to sharpen analytical skills, a necessity to become a successful researcher. A gentle overview to research methodologies, tools and techniques in research. Emphasize the value of strong writing abilities in research as well as writing styles and services that can help writers get better. After completion of the course, students will be able to write a research project and research paper, along with basic validation methods for hypothesis, and benchmarking with gold standards. A clear understanding and a roadmap on research for the student’s future reference. This will be helpful to them, as proposing new ideas, research projects, as well as writing research papers are now becoming a part of graduate degree level activities across several institutions in the country and worldwide.

Students will gain knowledge of research ethics, how to find and evaluate high-quality research articles, particularly seminal works in their field of study, and the fundamental techniques for validating novel ideas they may develop in the future. Students will be able to search and find extensive literature related to their research topics. Students will develop an understanding of the value of



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honing their analytical abilities to improve their capacity to draw valid conclusions, as well as effective writing and speaking skills. Students will come to know the different citation styles for references. This will benefit the students not only in the future but also in the courses they are presently taking, help them perform better academically and generally, and give them more confidence.

The course had been started with the basic research modules like Selection of Research Topic, Structuring & Formatting of Report, Literature Review, Identification of variables/ constructs, Research Design, Research Methodology, Hypothesis Formulation etc. Then, research statistical tools & techniques were also covered like Parametric test, non-parametric test, Questionnaire designing, Case Study, etc. Topics were chosen keeping in mind the requirements of students in further studies and research. Modules also focussed the interpretation of findings and writing of research project also with proper references citations.

The certificate course was headed by Prof. (Dr.) Manju Gupta, Head, Department of Commerce. The course was convened by Dr. Rachna Jain, Associate Professor, Department of Commerce. Thirteen internal faculties namely Prof. Dr. Manju Gupta, Dr. Anil Kr Goyal, Dr. Rachna Jain, Dr. Geetanjali Gupta, Mr. Praveen Kumar Singh, Ms. Taranpreet Kaur, Dr. Rachita Aggarwal, Dr. Kamal Gupta, Dr. Sakshi Gupta, Dr. Sheetal Badesra, Ms. Shreya Garg, Ms. Divisha Gupta & Ms. Durga Aryal were the resource persons for the course covering various topics of research as per their expertise.

Google meet was the online platform chosen for the conduct of classes. In total 120 students qualified for the course. At the end of every topic, students were required to fill a feedback form. They were also required to participate in a final multiple-choice question quiz taken at the last session. Criteria of certification is threefold i.e., Attendance, Feedback form and Completion of final multiple-choice question quizzes.

The credit for this initiative goes to Prof. (Dr.) Manju Gupta, Head, Department of Commerce who worked under the able guidance of Prof. (Dr.) Rajni Malhotra Dhingra, Director, MAIMS. Their constant support and encouragement helped in successful completion of this course.

The valedictory session was held on 5th June 2023. The cash prize was given to the top three position holders. The first cash prize of Rs. 2,100/- was given to Eva Aggarwal, B. Com (Hons.) 1st Semester; The Second cash prize of Rs. 1,500/- was given to Naveen Jain, B. Com (Hons.) 1st Semester; Third Cash Prize of Rs. 1,110/- was given to Aryan, B. Com (Hons.) 1st Semester.

LEARNING OUTCOME:

- Gain knowledge of research ethics, identify and evaluate high-quality research articles
- Understand the different types of research methodologies, statistical tools and techniques.
- Present the research paper and research projects in a better structured and formatted style.
- Able to find the extensive literature and cite references in a specified format style.
- Draw valid conclusions and suggestions, as well as effective writing and communication skills



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GLIMPSES OF THE SESSION

Dr. Anil Kumar Goyal, Resource Person, Associate Professor, Department of Commerce, Taking G-meet session on Parametric Test

The screenshot shows a Google Meet window with a PowerPoint presentation. The slide is titled "On the basis of Scale Parametric and No-Parametric" and contains the following information:

Scale	Description	Test Type
Nominal	• define an attribute • e.g. gender, marital status	Nonparametric
Ordinal	• rank or order the observations as scores or categories from low to high in terms of «more or less» • e.g. education, attitude/opinion scales	Nonparametric
Interval	• interval between observations in terms of fixed unit of measurement • e.g. measures of temperature	*Parametric
Ratio	• The scale has a fundamental zero point • e.g. age, income	*Parametric

The meeting interface shows a grid of participants: Simranjeet Kaur, Samridhi Jain, EVA AGGARWAL, Vanisha Bhatia, Gungun Jain, and Aryan Srivastava. A video feed of the presenter is visible at the bottom right.

Dr. Rachna Jain, Convener & Resource Person, Associate Professor, Department of Commerce, Taking G-meet session on Non-Parametric Test

The screenshot shows a Google Meet window with a PowerPoint presentation. The slide is titled "Hypothesis" and contains the following information:

Test for Association
Hypotheses

- H_0 : attributes are independent
- H_1 : attributes are dependent

Test of goodness of fit
Hypotheses

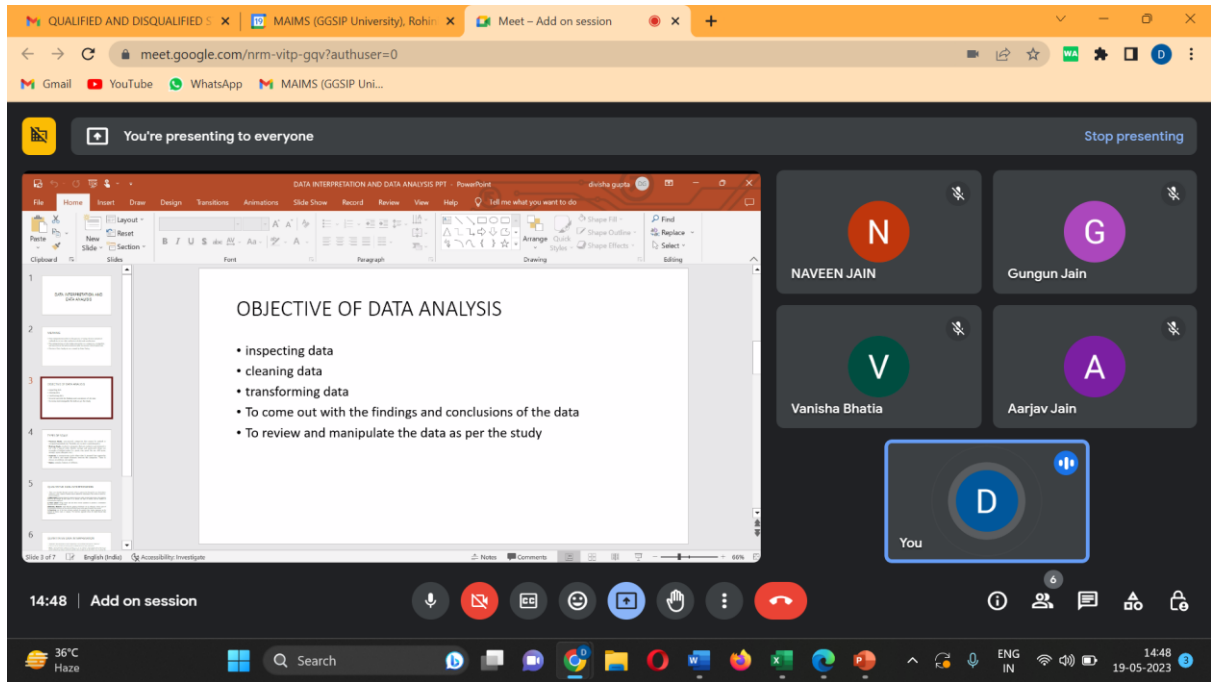
- H_0 : fit is good (expected = observed)
- H_1 : fit is poor (expected \neq observed)

The meeting interface shows a grid of participants: Siddhi Agrawal, Ankit Gupta, Aarjav Jain, Yashasvi Aggarwal, Aastha Dubey, and NAVEEN JAIN. A video feed of the presenter is visible at the bottom right.



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**Ms. Divisha Gupta, Resource Person, Assistant Professor, Department of Commerce,
Taking G-meet session on Data Analysis & Interpretation**



Valedictory Session on 5th June 2023

