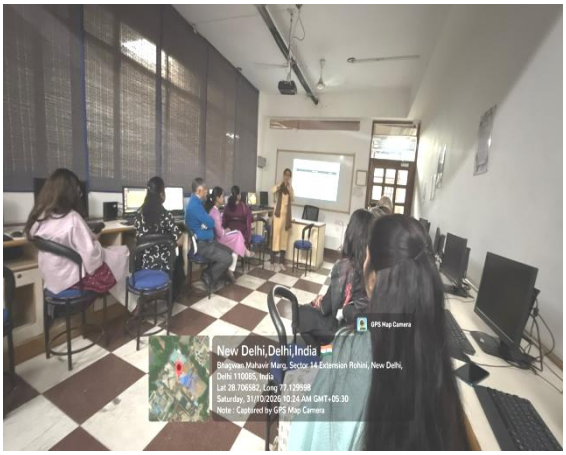
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STATISTICAL DATA ANALYSIS USING SPSS, R AND RESEARCH ETHICS

31ST OCTOBER 2026 (SATURDAY)









The Research Cell of Gitarattan International Business School (GIBS) organized Research Class-III on "Statistical Data Analysis Using SPSS, R and Research Ethics in Legal and Management

Research" on 31st October 2026 at Lab 202, GIBS. The offline session was organized for the faculty members of CMS and CLS with the objective of strengthening their practical understanding of statistical data analysis using SPSS and R software, along with the importance of research ethics in academic research.

The programme comprised two technical sessions. Session-I was conducted by Dr. Poonam Rani, who introduced the use of SPSS for statistical data analysis. The session focused on the role of statistical software in organizing research data, generating descriptive statistics, conducting inferential analysis, testing hypotheses and interpreting analytical results for research purposes.

Session-II was conducted by Dr. Ranjeet Kumar Ambast on the use of R software for research and statistical analysis. The session familiarized participants with R and R Studio as tools for handling datasets, performing statistical computations and creating graphical representations. The discussion highlighted how R can support researchers in carrying out data analysis in a systematic and reproducible manner.

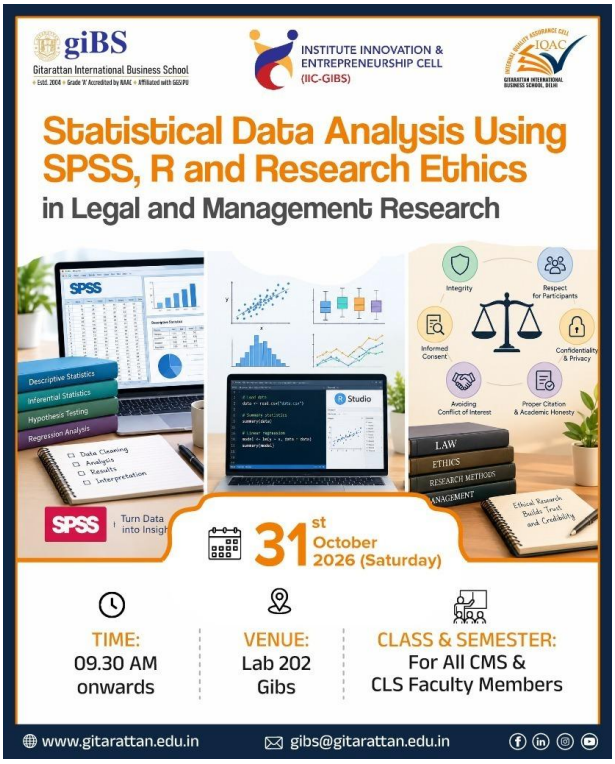
The event also highlighted the significance of research ethics in legal and management research. Key ethical considerations included maintaining integrity in research, respecting participants, obtaining informed consent, ensuring confidentiality and privacy, avoiding conflicts of interest, and following proper citation practices and academic honesty.

The sessions collectively emphasized that the selection and application of appropriate statistical tools are essential for drawing meaningful conclusions from research data. Faculty members were encouraged to use SPSS and R according to their research objectives, the nature of the data and the analytical requirements of their studies.

The programme reinforced the importance of combining sound statistical practices with ethical research conduct. It aimed to support faculty members in strengthening the quality, credibility and reliability of their research work.

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FLYER OF THE EVENT



TYPE OF EVENT	Co-curricular
VENUE	Lab 202, GIBS
TIME & DURATION	09.30 AM onwards
CONDUCTED BY	Research Cell, GIBS
ORGANISED FOR	CMS and CLS Faculty Members
NAME OF THE COORDINATOR	Prof. Abhijit Das Ms Vandana Rastogi
ATTENDANCE	50
RESOURCE PERSONS	Session-I: Dr. Poonam Rani (SPSS), Associate Professor, CMS Session-II: Dr. Ranjeet Kumar Ambast (R Software), Assistant Professor, CMS
OBJECTIVES OF THE	1. To enhance faculty members' understanding of statistical data

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EVENT	analysis in legal and management research. 2. To introduce the application of SPSS for descriptive statistics, inferential statistics and hypothesis testing. 3. To familiarize participants with R software and RStudio for data handling, statistical analysis and visualization. 4. To highlight the importance of research ethics, integrity and academic honesty. 5. To create awareness about informed consent, participant respect, confidentiality, privacy and avoidance of conflicts of interest.
LEARNING OUTCOMES	At the end of the programme, participants were expected to: 1. Understand the role of statistical analysis in legal and management research. 2. Identify the applications of SPSS in descriptive and inferential data analysis and hypothesis testing. 3. Recognize the use of R and RStudio for data management, statistical analysis and graphical presentation. 4. Understand key ethical principles relevant to research involving participants and research data. 5. Appreciate the importance of proper citation, confidentiality, informed consent and academic integrity.
SHORTFALL DURING EVENT	No Shortfall
LINK OF ONLINE VIDEO	https://youtu.be/t3IlixdKaYA

PREPARED & SUBMITTED BY: MS. VANDANA RASTOGI, ASSISTANT PROFESSOR, GIBS