DATE: 03rd October 2025
TIME: 11:00 a.m.
VENUE: Online Mode (Zoom Platform)

Resource Person: Ms. Pratishtha Gupta, Research Scholar, Indira Gandhi Delhi Technical University

EVENT REPORT

Talk on "Conducting Effective Research"



CYBERNAUTS, the Tech Society of the Department of Computer Science, Mata Sundri College for Women, organized an informative session on the topic "Conducting Effective Research" in collaboration with Central Alumni Committee on 3rd October 2025, from 5.30pm to 6.30pm.

The speaker for the day was Ms. Pratishtha Gupta, an alumna of Computer Science Department (Batch 2022) who is currently Research Scholar at Indira Gandhi Delhi Technical University. She delivered an insightful talk on the fundamentals of research, its systematic process, and its significance in contributing to academic and scientific progress.

The session began with the speaker emphasizing the purpose of research—to gain new insights and expand understanding, particularly in emerging domains such as Artificial Intelligence. She

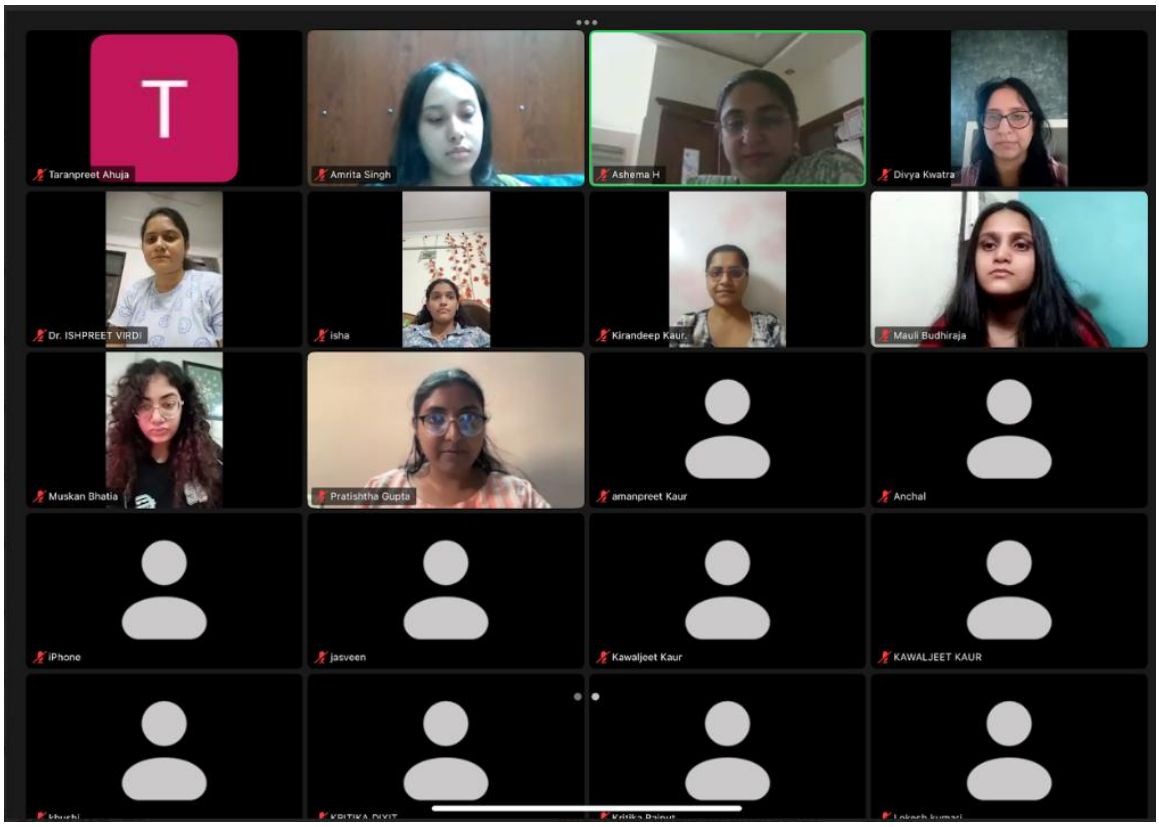
explained the steps involved in the research process—from topic selection and literature review to data analysis and report writing.

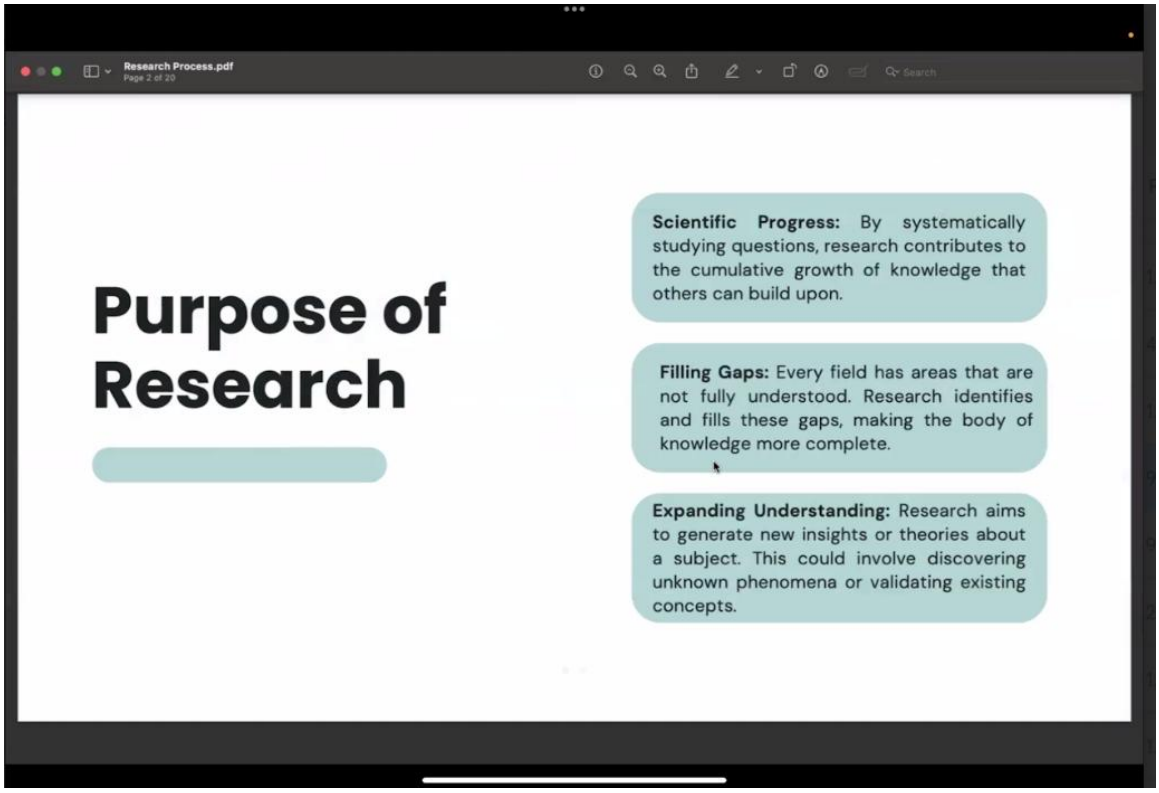
Ms. Gupta also provided practical guidance on choosing a research topic based on interest, feasibility, and resources, and shared techniques for conducting a systematic literature review using databases like Google Scholar and Scopus. She further highlighted effective paper reading strategies and offered valuable tips for writing and publishing research papers, including journal selection and ethical considerations.

The session concluded with key research ethics reminders, encouraging participants to maintain academic integrity, cite sources properly, and ensure reproducibility in their work.

The event witnessed enthusiastic participation from students and faculty members, making it an engaging and knowledge-enriching experience for all.




Taranpreet Ahuja
Amrita Singh
Ashema H
Divya Kwatra
Dr. ISHPREET VIRDI
Isha
Kirandeep Kaur
Mauli Budhiraja
Muskan Bhatia
Pratishtha Gupta
amanpreet Kaur
Anchal
iPhone
jasveen
Kawaljeet Kaur
KAWALJEET KAUR


Research Process.pdf
Page 2 of 20
Purpose of Research
Scientific Progress: By systematically studying questions, research contributes to the cumulative growth of knowledge that others can build upon.
Filling Gaps: Every field has areas that are not fully understood. Research identifies and fills these gaps, making the body of knowledge more complete.
Expanding Understanding: Research aims to generate new insights or theories about a subject. This could involve discovering unknown phenomena or validating existing concepts.