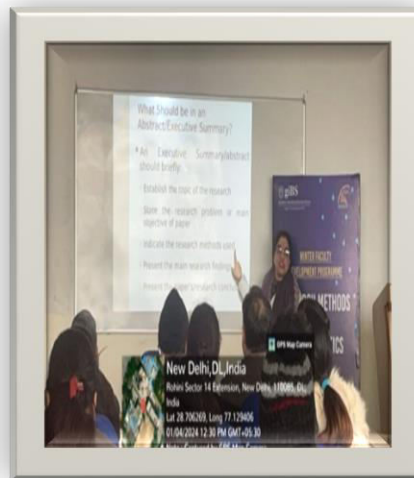


FACULTY DEVELOPMENT PROGRAMME ON RESEARCH METHODS AND DATA ANALYTICS

4th January 2024 to 10th January 2024

DAY 1: Effective Research Writing



Day 1: 4th January 2024

Time 11:00 am-1:00pm

Speaker:
Prof. Dr. Urvesh Chaudhary

Winter FDP on Research Methods and Data Analytics started with welcome ceremony in the room no. 306. The session began with the anchor Dr. Aparna Srivastava who gave an Introduction to the participant about GIBS development over a period of years. Prof. (Dr.) Vikas Nath, the Director of the institute presented a Plant sapling to the guest.

The speaker deliberated on Effective Research writing in quality journal – do and don'ts. The participants have said they have received wealth of information for writing in journals; numerous points on ethical and Unethical writings were discussed by the speaker. Some participant have said the speaker talked about significance, needs of Multidisciplinary Research and process of doing and publication of the research paper in quality journals, which helped them to get insight

knowledge about research . Few participants have said the session was a stepping stone for doing research. The session ended with the vote of thanks delivered by Dr. Aparna Srivastava.



Day 1: 4th January 2024

Time 2.00 pm-4.00pm

**Speaker:
Mr. Shivam Srivastava**

The second half of the session was based on types of various AI tools available like ChatGPT and open AI and their practical applications in real life scenario in various domains. The welcome address was delivered by Dr. Aparna in room no 201. From the active participation of the faculty members, it was clearly evident that the speaker was passionate about the topic, which contributed to a positive learning environment. The overall reaction of the participants is that the session is enriching experience; valuable information is shared by the speaker. The session ended with the vote of thanks delivered by Dr. Vinay Maitri.

DAY 2: Introduction to Qualitative Research Methods



Day 2: 5th January 2024

Time 11.00am - 01.00 pm

Speaker :
Prof. Ajay Chauhan

The second day began with the arrival of guest, Prof. Ajay Chauhan. He was welcomed by presenting a sapling by Prof. Vinay Maitri. The speaker deliberated on Qualitative Research and its related parameters. The participants received wealth of information for writing research papers. The speaker discussed various methods and techniques like thematic analysis, text mining, image analytics, etc. to be used in research design. Few doubts were also raised by faculties related to implementation of discussed techniques and the speaker also clarified the same. Further, he provided an in-depth understanding about the concept of 'Grounded Theory' which was very interesting. All the participants seemed enlightened by the session. By and large, the session provided enriching experience and valuable information to the participants. The terms explained were lucid and well delivered.



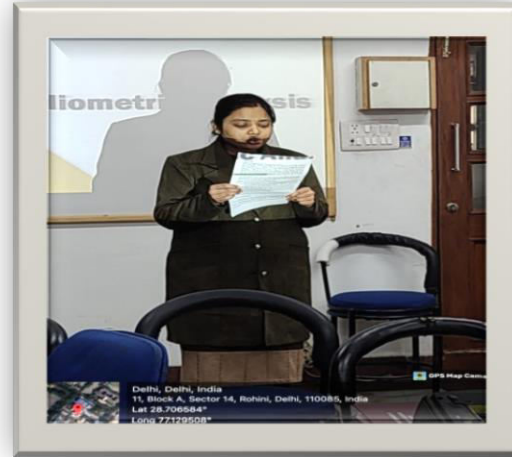
Day 2: 5th January 2024

Time: 02.00pm - 4.00pm

**Speaker :
Prof. Ajay Chauhan**

The second half of the session was based on how to use the software Nvivo as an aid for conducting research. The Speaker showcased the practical approach to the concepts explained theoretically in the first session. The participants also put their hands on carrying out text mining process practically that included – removing digits, signs, algorithm based on most frequent word, words coming together, etc. The session proved to be highly significant and resourceful to provide an ease and comprehensive understanding in conducting various qualitative research works.

DAY 3: Data Analysis through Bibliometric Analysis and Python



Day 3: 6th January 2024

Time 11.00am - 01.00 pm

Speaker:
Dr. Sneha Chaudhary and
Prof. Abhijit Das

Session 1 on third day of FDP had 2 part first began with Dr. Sneha Chaudhary lecture on Bibliometric Analysis, Processing Literature Review for Data Analysis from 11:00 AM to 12:00 PM and second Followed by lecture of Prof. Abhijit Das on Reference Management tool (Mendeley), Reference Style and Open Resources from 12:00 PM – 01:00 PM. The welcome address was delivered Ms. Himani

Dr. Sneha Chaudhary explained in detail about different software to collect data but before getting into indept analysis she gave little introductory knowledge on the topic. She explained that Bibliometric analysis is a quantitative method used to evaluate and measure the impact of scholarly publications within a specific field of study. When processing a literature review for data analysis, bibliometric techniques can be employed to systematically examine the existing body of research. Researchers use these methods to identify key papers, influential authors, and emerging themes in a particular field. Detailed step by step process was also taught for Dimensions AI.



Day 3: 6th January 2024

Time 02.00pm - 04.00 pm

**Speaker:
Prof. Abhijit Das**

Session 2 was on Analysis of Data through Python. Lecture was delivered by Prof. (Dr.) Abhijit Das. He explained Analyzing data through Python which involves using the Python programming language along with various libraries and tools to process, explore, visualize, and gain insights from datasets. Key components were also explained like Pandas, NumPy, Exploratory Data Analysis (EDA) etc. After session was completed participants expressed their thoughts in varied manner, Few have said that the topic delivered by the resource person is very useful in our area, Many said that they enjoyed doing the practical using Python language. The vote of thank was delivered by Prof. (Dr.) Ekta Rastogi

Prof. Abhijit Das explained that Mendeley is a reference management tool that helps researchers organize, share, and annotate research papers. It allows users to create a personal library of references, manage citations, and generate bibliographies in various citation styles. Mendeley also facilitates collaboration by enabling users to share references and collaborate on research projects. He also explained 2 extensions of Mendeley one for Word and second for Internet. Reference style refers to a specific format or set of rules used to structure citations in academic writing. Different academic disciplines and publishers often have specific reference styles that dictate how to format citations for books, journal articles, websites, and other sources. Open resources, in the context of academia, generally refer to educational materials, research, and data that are freely available to the public. This openness can take various forms, such as open-access journals, open educational resources (OER), and open data.

DAY 4 : Data Analysis using SPSS



Day 4: 8th January 2024

Time 11.00am - 01.00 pm

Speaker:
Prof. Dr. Urvesh Chaudhary

The fourth day began with the session of Prof. (Dr.) Urvesh Chaudhary. She was introduced and welcomed by Dr. Aparna Srivastava. The speaker deliberated on Data Analysis using SPSS i.e., Statistical Package for the Social Sciences– commonly used in research on social sciences. The session focused on providing a comprehensive understanding of SPSS functionalities, data manipulation, and statistical analysis techniques. Further, she provided an in-depth understanding overview of SPSS interface, basic navigation and settings, data import and cleaning, importing data into SPSS, data cleaning and variable transformations, descriptive Statistics, calculation and interpretation of measures of central tendency (mean, median, mode), and Dispersion measures. All the participants seemed enlightened by the session. By and large, the session provided enriching experience and valuable information to the participants. The terms explained were lucid and well delivered.



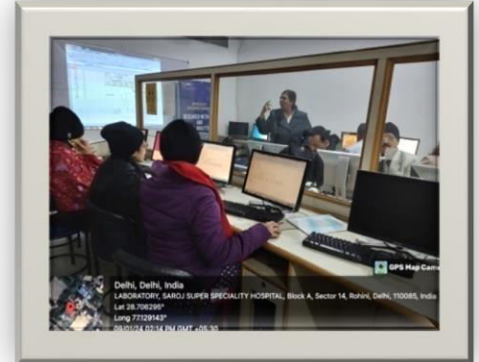
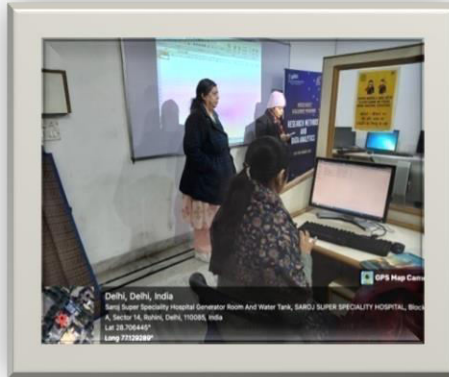
Day 4: 8th January 2024

Time: 02.00 pm-04.00pm

**Speaker:
Prof. Dr. Urvesh Chaudhary**

The second half of the session was based on how to use the software SPSS as an aid for conducting data analysis. The Speaker showcased the practical approach to the concepts explained theoretically in the first session. Participants worked on sample datasets to apply learned concepts. The Instructor provided guidance and assistance during the practical exercises. The session proved to be highly significant and resourceful to provide an ease and comprehensive understanding in conducting various qualitative research works.

DAY 5: Data Analysis using Excel



Day 5: 9th January 2024

Time: 11.00am - 04.00pm

Speaker:
Prof. (Dr.) Kanaka
Balasubramanian

On the fifth day of the FDP, the focus was on Advanced Spreadsheet Modeling and Predictive Analytics, specifically delving into Correlation, Linear Regression Modeling, and Logistic Regression Modeling. Prof. (Dr.) Kanaka Balasubramanian demonstrated her expertise in a gentle and precise manner, commencing the session with foundational concepts before progressing to Excel formulas. Second session was about practicing formulas on excel spreadsheet learned in first session.

DAY 6: Data Analysis



Day 6: 10th January 2024

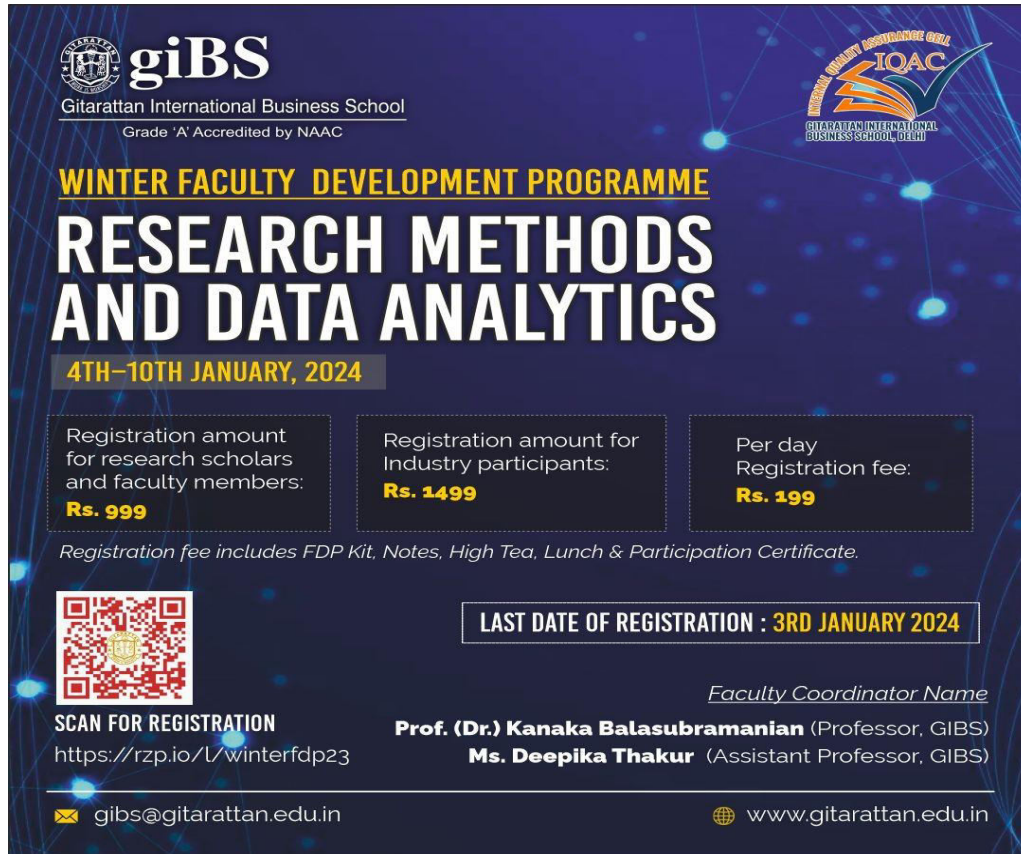
Time: 11.00am - 01.00pm

Speaker:
Prof. (Dr.) Urvesh
Chaudhary

Dr. Aparna Srivastava, the anchor of the program, introduced resource person Prof. (Dr.) Urvesh Chaudhary and educated the audience on the evolution of gibbs over time. The speaker covered the dos and don'ts of research ethics in addition to the subject of FDP- Plagiarism: A Challenge in Research. The speaker covered a wide range of topics on ethical and unethical writing, and participants reported that they had acquired a wealth of material for journal writing. Plagiarism and its potential ramifications in research were discussed by the speaker. The speaker also covered the significance of research ethics, plagiarism, and data analysis in research, as well as how to create a strong research article and get it published in a prestigious journal. The speaker went over all the things we need to consider when preparing a strong research paper to get published in a prestigious journal.

The speaker's enthusiasm for the subject matter was evident from the faculty members' engaged participation, which enhanced the learning atmosphere. The general response from participants is that the speaker provided insightful material, making the seminar an enriching experience. The session ended with the vote of thanks delivered by Dr. Vinay Maitri.

FLYER OF THE EVENT



giBS
Gitarattan International Business School
Grade 'A' Accredited by NAAC

WINTER FACULTY DEVELOPMENT PROGRAMME
RESEARCH METHODS AND DATA ANALYTICS
4TH-10TH JANUARY, 2024

Registration amount for research scholars and faculty members: **Rs. 999**

Registration amount for Industry participants: **Rs. 1499**

Per day Registration fee: **Rs. 199**

Registration fee includes FDP Kit, Notes, High Tea, Lunch & Participation Certificate.

LAST DATE OF REGISTRATION : 3RD JANUARY 2024

Faculty Coordinator Name
Prof. (Dr.) Kanaka Balasubramanian (Professor, GIBS)
Ms. Deepika Thakur (Assistant Professor, GIBS)

SCAN FOR REGISTRATION
<https://rzp.io/L/winterfdp23>

✉ gibs@gitarattan.edu.in 🌐 www.gitarattan.edu.in

TYPE OF EVENT	FDP - “Research Methods and Data Analytics” 4th-10th January, 2024
VENUE	Room no. 306
TIME & DURATION	11:00 AM to 04:00 PM
CONDUCTED BY	FDP

ORGANISED FOR	For research scholars and faculty members & Industry participants
NAME OF THE COORDINATOR	Prof.(Dr.) Kanaka Balasubramanian Ms. Deepika Thakur
ATTENDANCE	70
RESOURCE PERSON	<p>Day 1: <u>Session 1 (11 A.M.-1P.M.) Prof. (Dr.) Urvesh Chaudhery</u>,(Professor at GIBS) Topic: Introduction to Research, Identification of research gap</p> <p><u>Session 2(2 P.M.- 4 P.M) Mr. Shivam Srivastava</u>(Associate Director at cognizant, Noida) Topic: (Artificial Intelligence – ChatGPT)</p> <p>DAY 2: Dr. Ajay Kumar Chauhan (Faculty, Expert in Research Methods & Data Analytics)</p> <ul style="list-style-type: none"> • Session 1 Topic (11 A.M.-1P.M.) : (Importance of qualitative data in research papers) • Session 2 topic (2 P.M.- 4 P.M) : Qualitative Analysis using N-VIVO Software <p>Day 3: Data Analysis through Bibliometric Analysis and Python</p> <ul style="list-style-type: none"> • <u>Session 1 (11 A.M.-1P.M.) Dr. Sneha Chaudhry</u> (Associate Professor at GIBS) TOPIC: Bibliometric Analysis, Processing Literature Review for Data Analysis • <u>Session 2(2 P.M.- 4 P.M) Prof. Abhijit</u>

	<p style="text-align: center;">Das (Professor at GIBS) TOPIC: Analysis of Data Through Python</p> <p>DAY 4: (11 A.M.- 4 P.M) Prof. (Dr.) Urvesh Chaudhery(Professor at GIBS) Topic : Data Analysis using SPSS</p> <p>DAY 5: (11 A.M.- 4 P.M) Prof. (Dr.)Kanaka Balasubramanian(Professor at GIBS) Topic : Data Analysis using Excel</p> <p>DAY 6: (11 A.M - 1 P.M) Prof. (Dr.) Urvesh Chaudhery Topic :How to write a good Research Paper,How to publish in top Journal</p>
OBJECTIVES OF THE EVENT	<ol style="list-style-type: none">1. Give participants a thorough understanding of various research approaches so they may select and use the best techniques for their own research projects.2. Teach participants how to efficiently find research gaps and create their own studies by searching, evaluating, and synthesizing the body of existing literature.3. To provide practical experience with data analysis models using relevant software such as Python, MS Excel.4. Give participants the know-how to organize, compose, and edit scholarly works with coherence, clarity, and respect to accepted citation and reference standards.5. Encourage participants to engage in ongoing professional development, produce high-quality research outputs, and support ethical research practices in order to enable them to actively contribute to their academic

	disciplines.
LEARNING OUTCOME	<p>1. Participants developed a thorough understanding of various research methodologies, enabling them to formulate precise research questions, design robust study methodologies, and choose appropriate data collection techniques.</p> <p>2. Faculty members acquired practical knowledge and hands-on experience in data analytics, gaining proficiency in statistical analysis, data visualization, and result interpretation.</p> <p>3. The outcomes of the Faculty Development Program have not only enriched individual research capabilities but have also positively influenced the overall research culture within participating institutions, fostering a more robust and data-oriented approach to academic research.</p>
SHORT FALL DURING EVENT	N/A
LINK OF ONLINE VIDEO	<p>Day 1 : https://youtu.be/U9bRA6sqtu8</p> <p>Day 2 : https://youtu.be/kOQ6t0C_Rr0</p> <p>Day 3 : https://youtu.be/LnjJxazdIc4</p> <p>Day 4 : https://youtu.be/_5SIPWkOErY</p> <p>Day 5 : https://youtu.be/y34tuPz8msw</p> <p>Day 6 : https://youtu.be/6zmqGgsmoqU</p>