



**K.R. MANGALAM UNIVERSITY**  
THE COMPLETE WORLD OF EDUCATION



Report on

**Multi-Disciplinary Approach to Research Methodology in Humanities and Social Sciences**

**One Week Faculty Development Programme organised by School of Humanities, K.R. Mangalam University In Collaboration with Kasturba Institute of Psychology & Behavioural Medicine, Noida**

**(July 28, 2022-August 3, 2022)**

**Target Group:** The FDP was open to all whoever was interested in gaining insights into Research Methodology in Humanities and Social Sciences.

**Conveners:** Prof. (Dr.) Tania Gupta, Dean, School of Humanities, K.R Mangalam University.

**Coordinators:**

**Dr. Suruchi Singh**, Assistant Professor, Psychology Department, SOHS, K.R Mangalam University

**Dr. Shivani Wadhwa**, Assistant Professor, English Department, SOHS, K.R Mangalam University

**Mr. Rajiv Ranjan**, Assistant Professor, Chinese Department, SOHS, K.R Mangalam University

**Date and Time:**

28 July 2022	Inaugural Session & Session-I	10:00 AM-12:00PM
29 July 2022	Session-II	10:00 AM-12:00PM
30 July 2022	Session-III	10:00 AM-12:00PM
31 July 2022	Session-IV	10:00 AM-12:00PM
1 August 2022	Session-V	10:00 AM-12:00PM
2 August 2022	Session-VI	10:00 AM-12:00PM
3 August 2022	Session-VII & Valedictory Session	10:00 AM-12:00PM

Mode: Online Mode through MS Teams

**Introduction**

Research and innovation has been the important part of education. With the New education policy in 2020 India is stepping towards technical advancement in the every area of education. They also want to increase the quality of research and innovation. This FDP focused to arrange the sessions by the experienced experts from different areas of research. From the basics of research such as research proposal making to the uses of science and technology, using the statistical methods to collect and analyze the data to writing research papers and finding the right SCOPUS indexed publication to get it published. The FDP was conducted online through the MS Team platform for 7 days. The FDP was organized with the main objective of familiarizing and deliberating on the different aspects of research in detail. This FDP endeavored to give a new direction to the students, researchers and faculties to develop new skills and thought processes towards changing aspects of research in 21<sup>st</sup> century.

**Sub-Themes**

Research and innovation has always been important for any education system to grow. The focus of FDP was to touch all major aspects of research by the respective experts. Major topics that were deliberated upon during this FDP encompassed:

- Introduction to Multi-Disciplinary Research Approach with special reference to AI in STEM

- Preparing an Effective Research Proposal
- Research Ethics in Humanities and Social Sciences
- Data Collection and Analysis in Multi-Disciplinary Research
- Qualitative Research Methods in Multi-Disciplinary Research
- Qualitative Research Methods in Multi- Disciplinary Research
- Utilizing Scopus and Web of Science for Social Science Research

#### **Objectives:**

1. To acquire the knowledge of the process of research and the relevance of tools (qualitative / quantitative) in achieving the objectives.
2. To assess how the new practices, technology and strategies will contribute to the overall effectiveness.
3. To inculcate logical, innovative and systematic thinking.
4. To familiarize the target audience with quality journals and the process of identifying them.
5. To enhance overall research quality.

#### **Content**

K.R. Mangalam University, Gurugram, in collaboration with Kasturba Institute of Psychology & Behavioural Medicine, Noida has organized the one-week Faculty Development Programme on *Multi-Disciplinary Approach to Research Methodology in Humanities and Social Sciences* from July 28<sup>th</sup> to August 3<sup>rd</sup>, 2022. Seven speakers were invited for seven sessions of FDP. 130 registrations were received for FDP, though the number of participants who attended it was lower.



**K.R. MANGALAM UNIVERSITY**  
THE COMPLETE WORLD OF EDUCATION



**School of Humanities**  
**K.R. Mangalam University, Gurugram, Haryana**

In Collaboration with

**Kasturba Institute of Psychology & Behavioural Medicine**  
**Greater Noida, Uttar Pradesh**

Organizes

**ONE-WEEK ONLINE FACULTY DEVELOPMENT PROGRAMME**

on

**Multi-Disciplinary Approach to Research Methodology in**  
**Humanities and Social Sciences**

**28 July 2022 – 03 August 2022 | (10:00 A.M- 12:00 P.M)**

**SESSION THEMES OF FDP**

- Introduction to Multi-Disciplinary Research Approach
- Quantitative Research Methods in Multi-Disciplinary Research
- Data Collection & Analysis in Multi-Disciplinary Research
- Research Ethics in Humanities and Social Sciences

- Preparing an Effective Research Proposal
- Qualitative Research Methods in Multi-Disciplinary Research
- Utilizing Scopus and Web of Science for Social Science Research

**TARGET AUDIENCE**

Faculty and Research Scholars from any university/college of any discipline are eligible to register and participate in the FDP

**MODE**

Online/Virtual

**Registration Fee**

INR 200/-

**SCAN QR CODE**



**Certification**

Certificates will be provided to all the participants after successful completion of FDP

**REGISTRATION FORM LINK**

<https://bit.ly/3zoxj0n>

**PAYMENT DETAILS**

[http://m.p-ytm/KRMangalamuni\\_sms](http://m.p-ytm/KRMangalamuni_sms)

**Day 1**  
28 July 2022  
10:00 A.M-12:00 P.M



**Dr. Shweta Bansal**  
HOD, Department of CE, School of Engineering & Technology, K.R. Mangalam University, Gurugram, Haryana  
**Topic:**  
Introduction to Multi-Disciplinary Research Approach with special reference to AI in STEM

**Day 2**  
29 July 2022  
10:00 A.M-12:00 P.M



**Dr. Pratibha A. Singh**  
Director, KIPBM, Greater Noida, U.P.  
**Topic:**  
Preparing an Effective Research Proposal

**Day 3**  
30 July 2022  
10:00 A.M-12:00 P.M



**Prof. Tania Gupta**  
Dean, School of Humanities, K.R. Mangalam University, Gurugram, Haryana  
**Topic:**  
Research Ethics in Humanities and Social Sciences

**Day 4**  
31 July 2022  
10:00 A.M-12:00 P.M



**Dr. Vinod Shanwa**  
Professor & Head, Department of Education & Training, Gaudama Buddha University, U.P.  
**Topic:**  
Data Collection & Analysis in Multi-Disciplinary Research

**Day 5**  
01 August 2022  
10:00 A.M-12:00 P.M



**Prof. Gunjan Aggarwal**  
Dean, School of Liberal Arts and Languages, Shobhit University, Gurgaon, U.P.  
**Topic:**  
Qualitative Research Methods in Multi-Disciplinary Research

**Day 6**  
02 August 2022  
10:00 A.M-12:00 P.M



**Prof. Rajbir Singh**  
Professor, Faculty of Behavioural Sciences, SST University, Gurugram, Haryana  
**Topic:**  
Quantitative Research Methods in Multi-Disciplinary Research

**Day 7**  
03 August 2022  
10:00 A.M-12:00 P.M



**Dr. Kaushal Kumar**  
Associate Professor, School of Engineering & Technology, K.R. Mangalam University, Gurugram, Haryana  
**Topic:**  
Utilizing Scopus and Web of Science for Social Science Research

**PATRON**

Prof. (Dr.) C.S. Dubey, Vice-Chancellor, K.R. Mangalam University  
Dr. A.P. Singh, Chief Patron (Honorary), Kasturba Institute of Psychology & Behavioural Medicine

**CO-PATRON**

Prof. (Dr.) Pushplata Tripathi, Pro-Vice Chancellor, K.R. Mangalam University  
Dr. Pratibha A. Singh, Director, Kasturba Institute of Psychology & Behavioural Medicine

**CONVENER**

Prof. (Dr.) Tania Gupta, Dean, School of Humanities (SOHS), K.R. Mangalam University  
9818469283, dean\_sohs@krmangalam.edu.in, tania.gupta@krmangalam.edu.in

**COORDINATORS**

Dr. Suruchi Singh, Assistant Professor, Department of Psychology, SOHS  
Dr. Shilvani Wadhwa, Assistant Professor, Department of English, SOHS  
Mr. Rajiv Ranjan, Assistant Professor, Department of Chinese, SOHS

Poster of the FDP

## Inaugural Session - 28<sup>th</sup> July 2022

The Inaugural Session on July 28, 2022, was addressed by the **Dean, School of Humanities**, Prof. Dr. Tania Gupta. On the behalf of the both organizers she, as a convener and the host of the FDP she started with welcoming the participants and other attendees of the event. She introduced the field of Humanities and social sciences and the research in those areas. She also introduced the importance of multidisciplinary research and the role of Artificial Intelligence with special reference to stem. She also stressed upon the objective and systematic approach of research with a broad vision. Later, she introduced the topics to the participants which were to be covered during the seven days. She concluded her inaugural address welcoming the guest speaker for the first day Dr. Shweta Bansal, Associate Professor, Department of computer Science, KR Mangalam University. The topic for the session was "Introduction to Multi-Disciplinary Research Approach with special reference to AI in STEM".

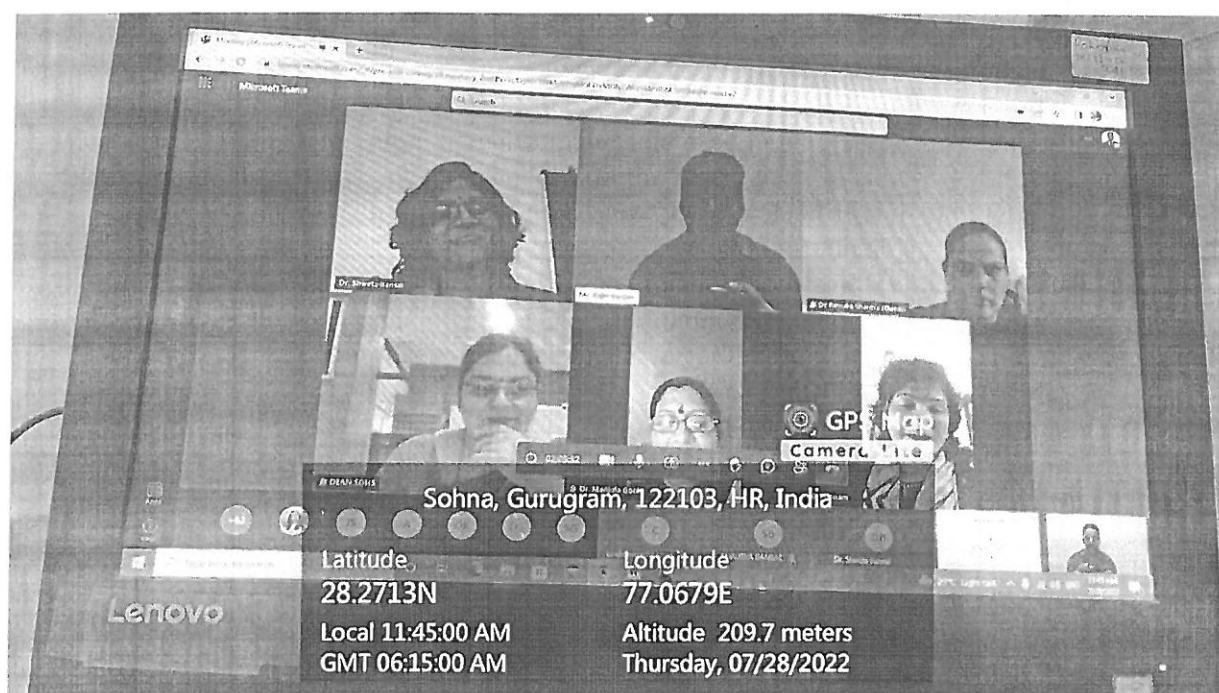
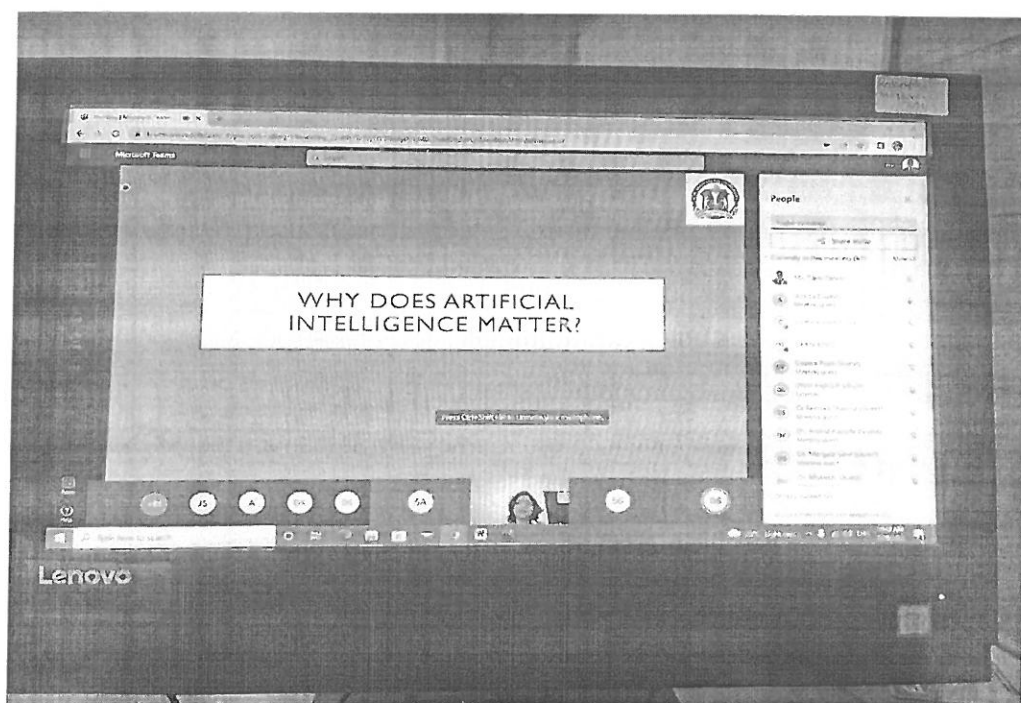


Photo of the Panelists in the Inaugural session

## Session 1 - 28<sup>th</sup> July 2022

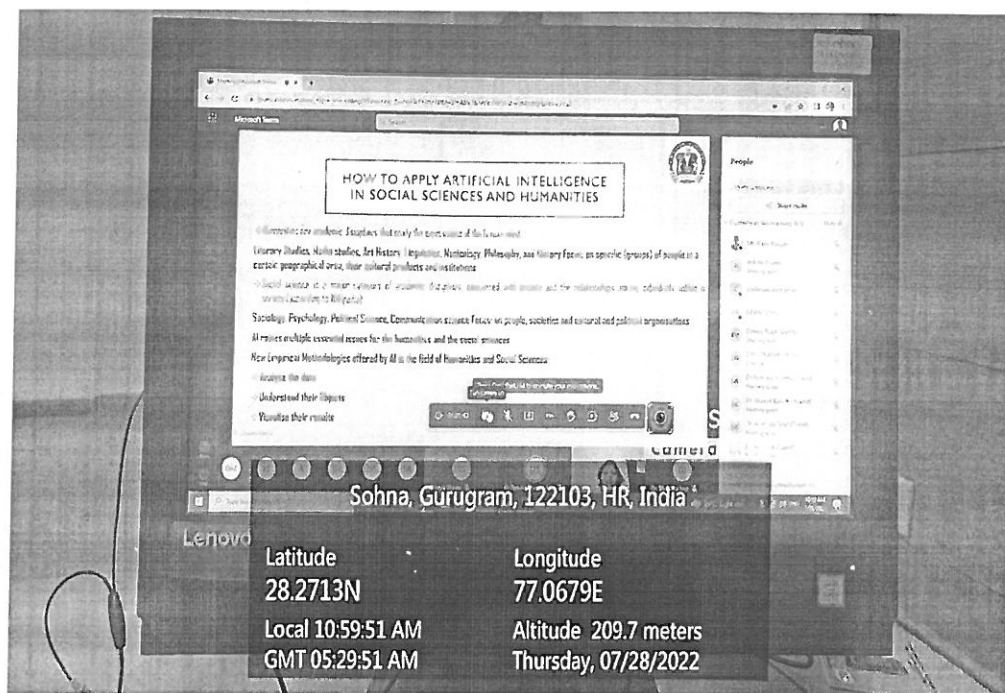
The First Session was organized on July 28, 2022, and it was addressed by Dr. Shweta Bansal, Associate Professor, Computer Sciences, School of Engineering and Technology, KR Mangalam University, Gurugram. The topic for the session was Introduction to Multi-Disciplinary Research Approach with Special Reference to AI in STEM.

The key concepts covered by the speaker were the different characteristics of research and the role of AI in different aspects of it. She also explained the definition and importance of the Multi-Disciplinary Research and the importance of AI. She discussed the importance of multidisciplinary research in Humanities and Social Sciences and the application of Artificial Intelligence in it. The session was welcomed and moderated by Mr. Rajiv Ranjan, Assistant Professor, Chinese Department, KRMU. The Vote of Thanks was also done by the moderator after the session. Later Q &A session was led by the resource person. A total of 70-80 participants joined the session through the MS Team Online Platform.



Importance of AI





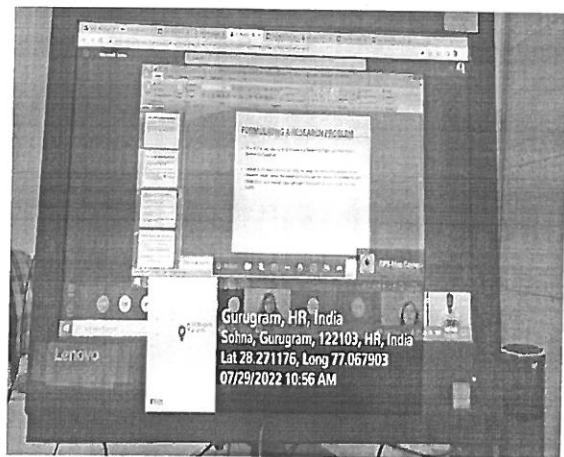
### **Application of AI in Social Sciences and Humanities**

#### **Day 2 Session: 29 July 2022**

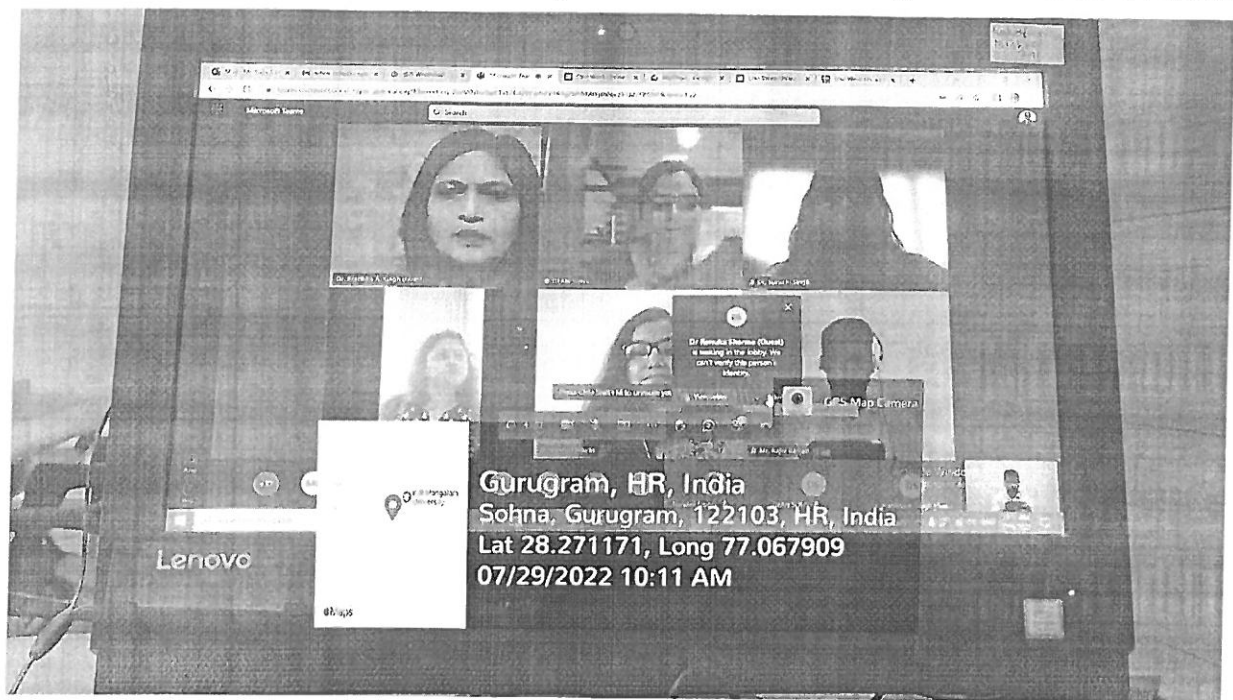
The Topic of the 2<sup>nd</sup> Session of the FDP was "Preparing an Effective Research Proposal". Dr. Pratibha A. Singh, Director, KIPBM was the resource person on 29<sup>th</sup> of July 2022. She deliberated a detailed presentation on preparing the effective research proposal. Her discourse also included Types of research in social science, Multi-Disciplinary and Inter disciplinary Research also. She also spoke about the significance and importance of the research proposal. Further, she continued with each and every part of research proposal from framing a research problem to conclusion and budget etc. Dr. Nandini Biswas, Assistant Professor, Department of Psychology, K.R. Mangalam University, moderated the session effectively. Prof. (Dr.) Tania Gupta, Dean, SOHS, K.R. Mangalam University, delivered the vote of thanks. The session was attended by 80 participants on the MS Teams online platform.



Discussion on Effective Research Proposal



formulating the Research Problem



Panelists of Day-2



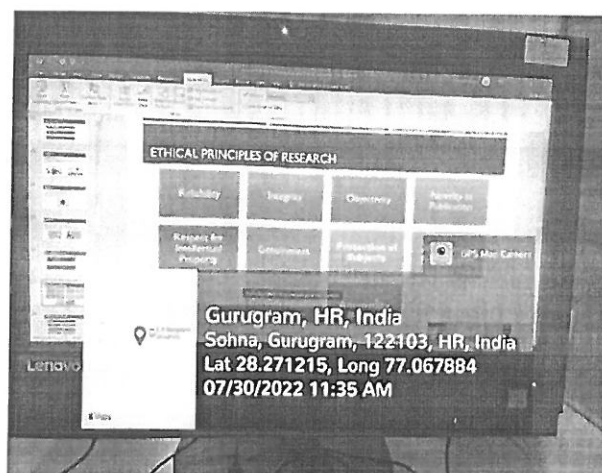
### Day 3 Session: 30<sup>th</sup> July 2022.

The topic of the third session of the FDP was “Research Ethics in Humanities and Social Sciences”. The speaker for the session was Professor (Dr.) Tania Gupta, The Dean of School of Humanities, KR Mangalam University.

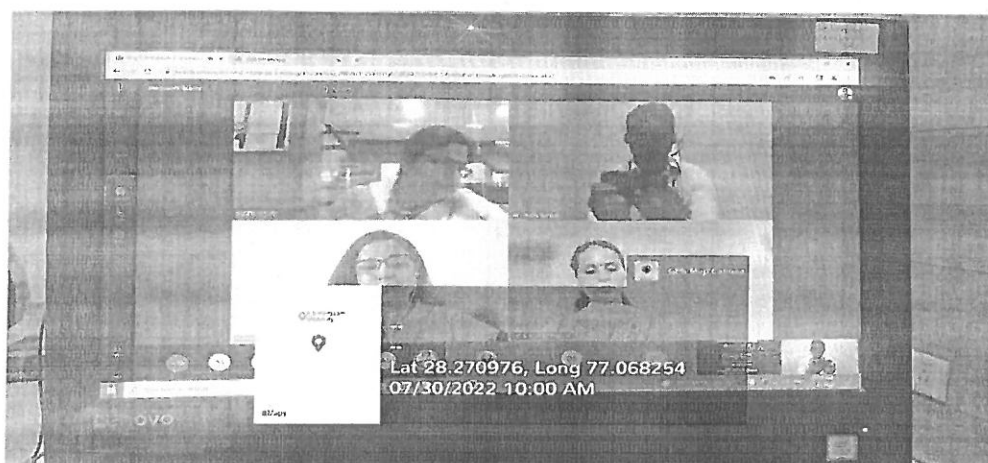
In her interaction with participants, she started with the basics of ethics and ethics as a branch of philosophy. She discussed the theories of ethics in detail. She emphasized the scientific conduct of Intellectual honesty and research integrity. She continued with the other aspects like accuracy and precision of ethical and unethical practices in the research. Dr. Nandini Biswas, Assistant Professor, Department of Psychology, K.R. Mangalam University, moderated the session effectively. The session was attended by 80 participants through the MS Team online platform.



Speaker of the session



Ethical principal of Research



Panel Discussion

### Day 4 Session: July 31<sup>st</sup>, 2022.

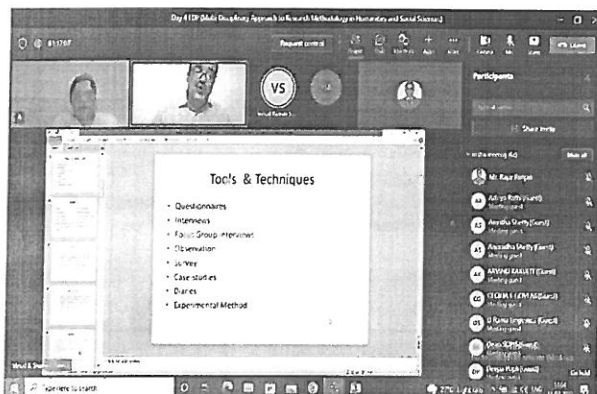
The fourth session of FDP was held on July 31<sup>st</sup>, 2022. **Dr. Vinod Shanwa**, Professor & Head, Department of Education and Training, Gautam Buddha University, Noida, was the resource person for the session and he deliberated on the topic "Data Collection and Analysis in Multi-Disciplinary research."

In his session, he started with the important issues faced during Data Collection. Then he continued with the detail discussion on tools and techniques used in collection of Data. He further spoke about the important terms like reliability, validity, usability, adequacy, objectivity etc. He also continued with the data analysis techniques

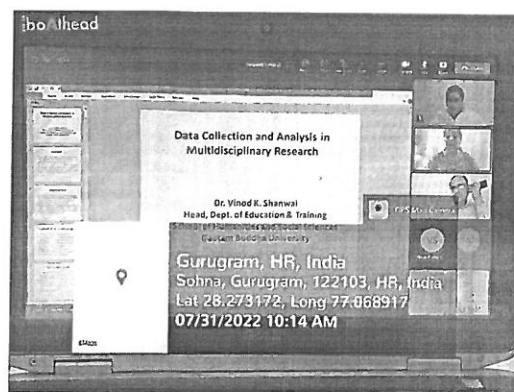
Dr. Shivani Wadhwa, Assistant Professor, Department of English, K.R. Mangalam University, moderated the session effectively. Dr. Tania Gupta, Dean, SOHS formally welcomed the speaker. The vote of thanks was delivered by **Dr. Pratibha A. Singh**, Director, KIPBM. The session was attended by 80-90 participants through the MS Teams online platform.



Panelists of the session



**Tools and Techniques**

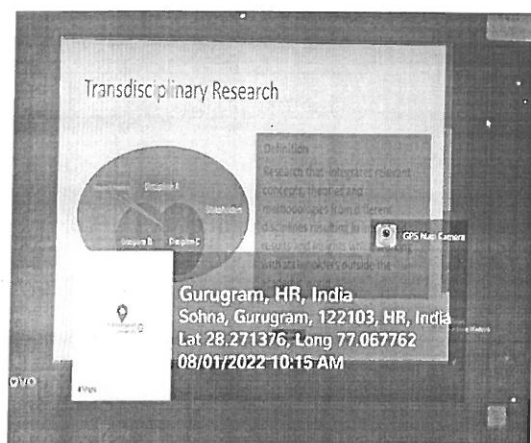


**Presentation**

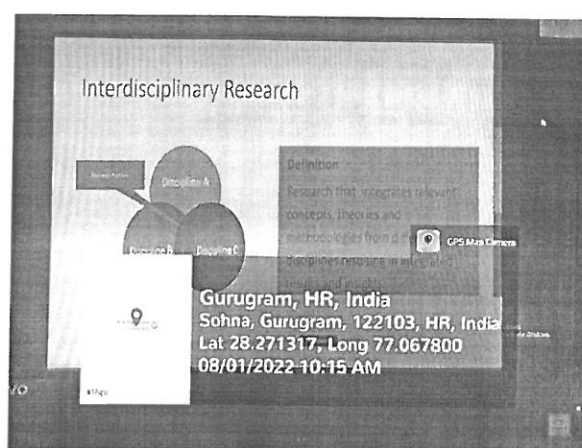
## **Day 5 Session: 1<sup>st</sup> August 2022.**

Professor Gunjan Aggarwal, Dean, School of Liberal Arts and Languages, Shobhit University, Gangoh, U.P. was the resource person for the fifth session held on 1<sup>st</sup> August 2022. She deliberated on the topic "Qualitative Research Methods in Multi-Disciplinary Research."

In his extremely enriched session, she started with the multidisciplinary research approach and the correlation between the different research areas. She continued with the collaborative research approach and different methodologies to conduct the research. She made an extensive deliberation on the qualitative research methodology with examples. She also made a comparative approach to make the participants understand better. She continued with the characteristics of Qualitative research, the process and perspective of qualitative research, strategies, paradigm of the research etc., She also explained in details of data collection and analyzation methods. Dr. Shivani Wadhwa, Assistant Professor, Department of English, K.R. Mangalam University, moderated the session effectively. Prof. (Dr.) Tania Gupta, Dean, SOHS, K.R. Mangalam University delivered the vote of thanks. The session was attended by 80 participants through the MS Teams Platform.



**Transdisciplinary Research**



**Interdisciplinary Research**



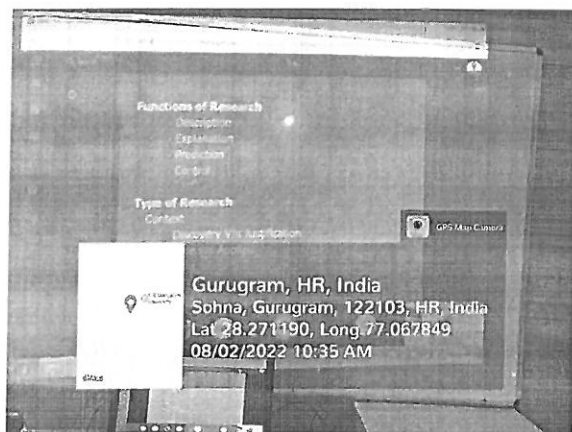
**Panelists of the session**

## Day 6 Session: 2<sup>nd</sup> August 2022.

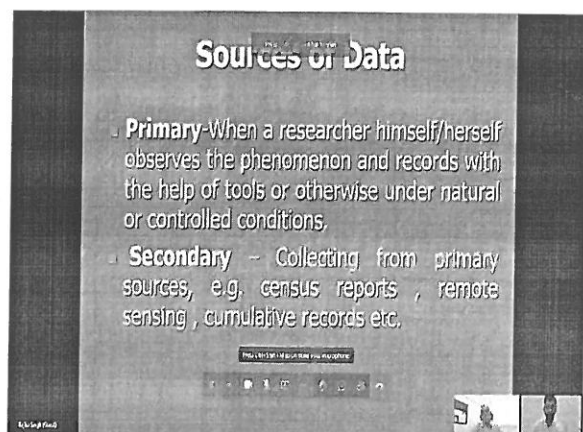
On the 6<sup>th</sup> day of FDP, the Session was organized on August 2<sup>nd</sup>, 2022 and the Hon'ble speaker, Prof. Rajbir Singh, Professor of Behavioral Sciences, SGT University, Gurugram deliberated his speech on "Quantitative Research Methods in Multi-Disciplinary Research".

He started with the importance of research as a process and its functions. Further he continued with different types of research, the data and the sources of data in research. He continued with the primary and secondary sources of data. Further he explained with details about the quantitative research, data collection and data interpretation.

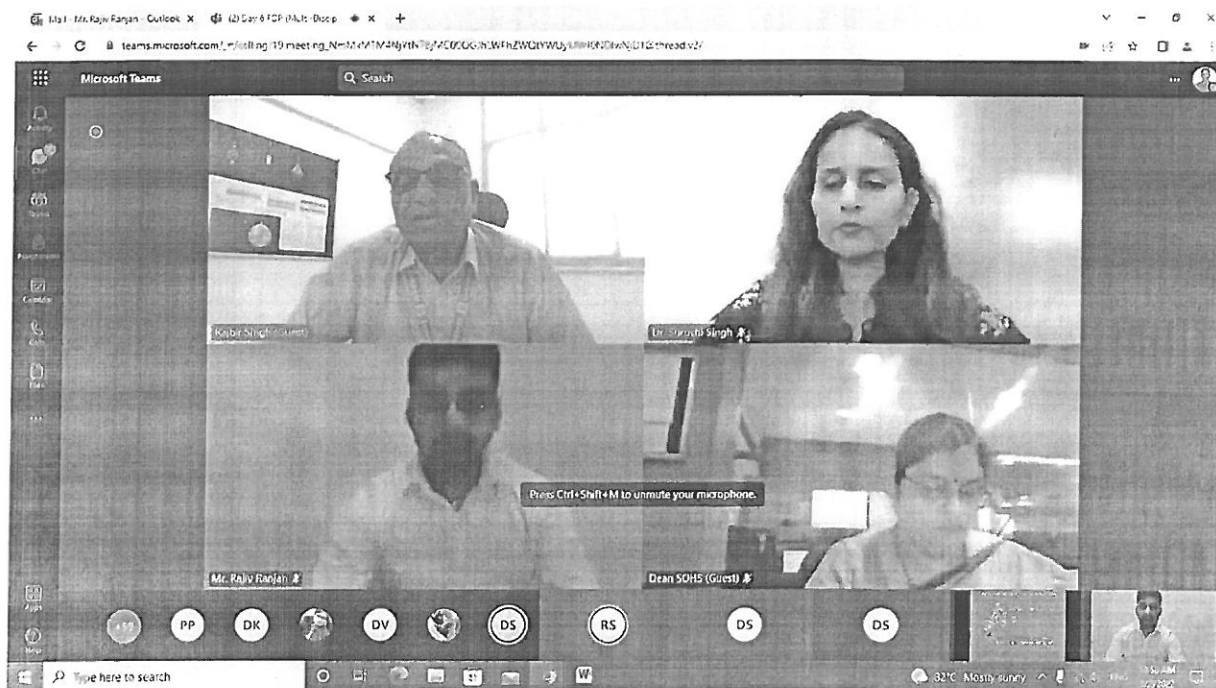
Dr. Suruchi Singh, Assistant Professor, Department of Psychology, K.R. Mangalam University, moderated the session effectively. Prof. (Dr.) Tania Gupta, Dean, SOHS, K.R. Mangalam University delivered the vote of thanks. The session was attended by 80 participants through the MS Teams Platform.



Function and Types of Research



Sources of Data



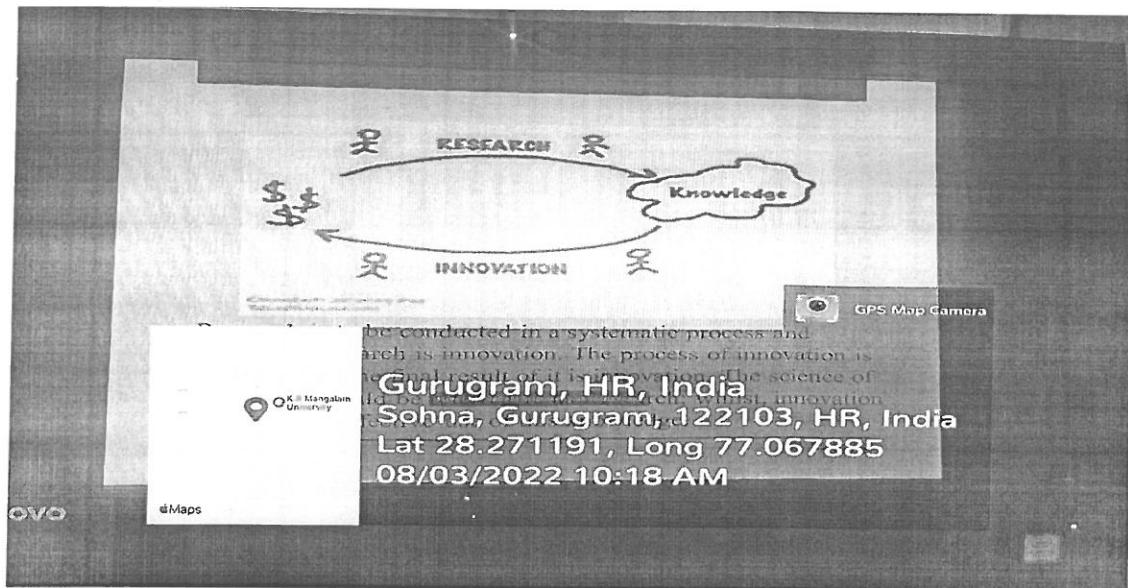
**Panelists of the session**

### **Day 7 Session: 3<sup>rd</sup> August 2022.**

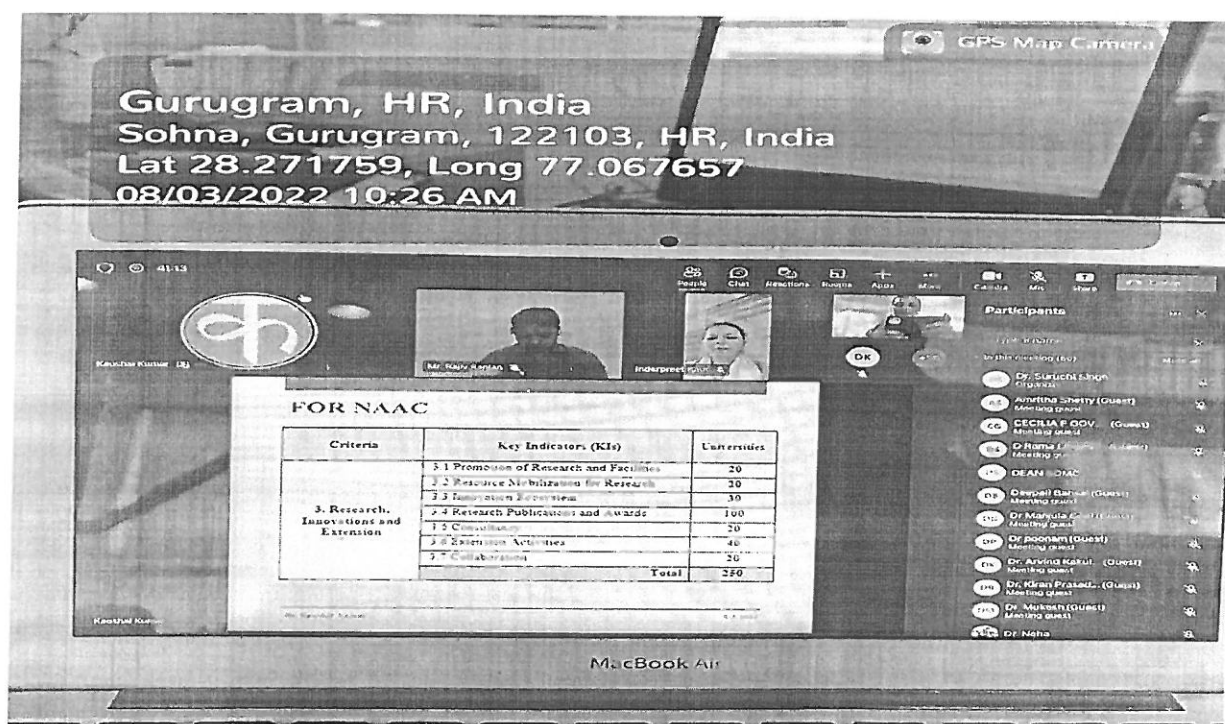
On the 7<sup>th</sup> Day of the FDP the session was organized on the topic “Utilizing Scopus and Web of Science for Social Science Research”. The invited expert for the topic was Dr. Kaushal Kumar, Associate Professor, School of Engineering and Technology, K. R. Mangalam University, Gurugram. He started with the basic aspects of research in current scenario. He continued with requirements and importance for accreditations. He introduced research publications, process to check the basics of publications. He delivered extensive details on the different database, publication, citation, impact factor, journals etc. He continued with the examples for the better understanding of participants. He also spoke about his experiences of approaching the journal and editor.

The session was welcomed and moderated by Mr. Rajiv Ranjan, Assistant Professor, Chinese Department, KRMU. The Vote of Thanks was also done by the moderator after the session. Later Q &A session was led by the resource person. A total of 70-80 participants joined the session through the MS Team Online Platform.





### Research and Innovation



### Importance of publication



**Panelists of the session**

## **Attendees**

Participation was observed from different professional profiles, and most of them belonged to the category of Assistant Professor, followed by Associate Professors. Other participants were Research scholars and other under-post graduate students. Except Haryana the participants were joined from Andhra Pradesh, Karnataka, Maharashtra, Rajasthan, Tamil Nadu and Uttar Pradesh.

## **Activity Outcome**

After the completion of this program, participants were equipped with multi-disciplinary approach towards research, thus learning both qualitative and quantitative aspects. This enabled participants to learn the basics but important steps about research such as making research proposals and develop the basic idea into a planned research work. They understood the importance of AI and STEM in the research process. They learned the details about the quantitative and qualitative research methodologies as well. They also learned about the research paper structure and writing, finding the journals and publication details. This FDP will help them to make a good research plan, select the right statistical techniques for collecting and analyzing the data and solve different research problems.

**Conclusion**

This FDP covered all the aspects of the multi-disciplinary research in Humanities and Social Sciences. All the sessions enriched the participants with the great detailed information of the multi-Disciplinary research in Humanities and social sciences. Sessions were led by the experienced experts of different fields.

**Further Scope**

After the successful completion of the Online FDP, The online FDP Can be organized the as the next one. There were many suggestions from the participants line SPSS and other statistical tools etc. For next time, we may try ensuring more participation from other institutions of India and other countries.