



**ICSSR-Sponsored  
30-Hours International-Level Faculty Development Program**

**On**

**“RESEARCH METHODOLOGY IN SOCIAL SCIENCES:  
CONCEPTS, TOOLS AND TECHNIQUES”**

**Organized by**

**REASERCH & DEVELOPMENT CELL**

**And**

**INTERNAL QUALITY ASSURANCE CELL (IQAC)**

**DUM DUM MOTIJHEEL RABINDRA MAHAVIDYALAYA**

**208/B/2, DUM DUM ROAD, KOLKATA**

**In Collaboration with**

**INDIAN ACADEMIC RESEARCHERS' ASSOCIATION (IARA)**

**Tiruchirappalli, Tamil Nadu, India.**

**10th January – 25th January, 2025**

**Venue: Seminar Hall, Ground Floor, DDMR Mahavidyalaya.**

**[Blended Mode - online in Zoom Platform]**



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**10<sup>th</sup> January – 25<sup>th</sup> January, 2025**

Venue: Seminar Hall, Ground Floor, D D M R Mahavidyalaya.

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**Chief Patron**



**Dr. Debashis Paul Chowdhury**

*Hon'ble President, G.B. Dum Dum Motijheel Rabindra Mahavidyalaya, Kolkata*

**Patron**



**Prof. (Dr.) Arijit Saha**

*Hon'ble Principal & Secretary  
Dum Dum Motijheel Rabindra  
Mahavidyalaya, Kolkata*

**Patron**



**Prof. Saibal Kar**

*Honorary Director  
Eastern Indian Regional Centre (ERC)  
Indian Council of Social Science Research,  
New Delhi*



### Chief Guest



**Prof. Amiya Kumar Panda**

*Hon'ble Vice-Chancellor, Rani Rashmani Green University, Hooghly, W.B., India*



### Eminent Resource Persons



**Dr. Jeyaraj Sonai Singaram**  
Professor, Department of  
Accounting & Finance  
Sino-British College, Staffordshire  
University, UK



**Dr. Rajesh Gururaj Kundargi**  
Assistant Professor,  
Department of Anthropology,  
Pondicherry University



**Prof. K. Krishnakumar** Professor  
& Head, Department of  
Commerce, Periyar University,  
Tamil Nadu, India



**Prof. Siddhartha Sankar Saha**  
Professor & Head (Former Dean),  
Department of Commerce,  
University of Calcutta, W.B., India



**Prof. Pranam Dhar**  
Professor & Head, Department of  
Commerce,  
West Bengal State University, W.B.  
& General Secretary, IARA, India



**Prof. Indrani Roy Chowdhury**  
Professor of Economics, Centre for  
Studies in Regional Development,  
School of Social Sciences,  
Jawaharlal Nehru University, New  
Delhi, W.B., India





**Prof. Pradipta Banerjee**  
Professor & Dean, Faculty of  
Commerce & Head, Department of  
MBA, Sidho-Kanho-Birsha  
University, W.B., India



**Dr. C. Paramasivan**  
Associate Professor, Department of  
Commerce, Thanthai Periyar Govt.  
College & President,  
Indian Academic Researchers'  
Association (IARA), India



**Dr. Arjun Gope**  
Assistant Professor & Head,  
Department of Commerce,  
Ramthakur College, Tripura  
University, Tripura, India



**Dr. Gagan Pareek**  
Professor, Department of  
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Techno-India University, Kolkata,  
W.B., India



**Dr. Hiranmoy Roy**  
Associate Professor, Department of  
Economics, School of Humanities  
and Social Sciences, Hemvati  
Nandan Bhuguna Garhwal  
University (HNBGU),  
Uttarakhand, India



**Prof. Nigamananda Biswas**  
Professor of Management, Former  
Director (IC), Aligarh Muslim  
University,  
Murshidabad, W.B., India



**Dr. Gangai Selvi R.**  
Professor,  
Department of Statistics, Tamil  
Nadu Agricultural University, India



**Dr. Fedric Kujur**  
Assistant Professor, Department of  
Business Management, Xavier  
Institute of Social Service, Ranchi,  
India



**Dr. Sudin Bag**  
Associate Professor, Department of  
Business Management,  
Vidyasagar University, W.B., India

**\*Completion Certificates (with Grading) will be provided on successful completion of the FDP.**



## About Dum Dum Motijheel Rabindra Mahavidyalaya

Dum Dum Motijheel Rabindra Mahavidyalaya was established on 5th August, 1968 under the name of Dum Dum Motijheel Evening College of Commerce with affiliation from the Calcutta University. This institution saw its dawn through the untiring efforts of such respected educationists as Dr. B. B. Dutta, Sri B. K. Sen, Sri Sukumar Bhattacharya, Sri Santi Dasgupta and Sri Kumares Basu, the founder Principal. To start with, it was founded with the modest aim of providing facilities for studying Commerce Degree Course, General and Honours under Calcutta University and to cater to the needs of the working students through evening classes. Subsequently, under local demand and pressure, a full-fledged day Commerce College came into being, and the evening shift was done away with. Thus, the College was converted into a Day College in 1974 and accordingly it came to be known as Dum Dum Motijheel College of Commerce. Further, to face the challenges of globalization in the field of higher education and to suit the emerging need of the society at local, regional and national level, the Governing Body of the College resolved to convert the College of Commerce into a multi-faculty Degree College. The College accordingly was re-christened Dum Dum Motijheel Rabindra Mahavidyalaya in 2004 and the necessary approval from the University of Calcutta for introduction of Arts and Science streams was received. B.A./B.Sc. courses were introduced w.e.f. 2006-07. Now the college is affiliated to the West Bengal State University, Barasat, North 24 Parganas. At present the college offers B.Com (Hons.) in Accountancy & Finance and Marketing in commerce stream. In the B.Sc. stream Geography (Hons.), Economics (Hons.) and Mathematics (General) are offered and in B.A. stream the college offers Journalism & Mass Communication (Hons), History (Hons), Education (Hons), English (Hons), Bengali (Hons), Sociology (General), Philosophy (General), Political Science (General) and Sanskrit (General).

## About Indian Council of Social Science Research (ICSSR)

The Indian Council of Social Science Research (ICSSR), was established as an autonomous organization in 1969, by the Ministry of Education (now known as the Ministry of Human Resource Development), Government of India. The primary objective of the ICSSR is to promote and fund research in the social sciences. Regional Centres were set up in the early days for the promotion of the objectives and activities of the ICSSR in the regions. The Eastern Regional Centre (ERC), established in Calcutta (at 10, Lake Terrace, Calcutta - 700 029) with the Centre for Studies in Social Sciences, Calcutta (CSSSC) as its host institution, started functioning from 1973. In May, 2012 the office of the ERC was shifted from 10, Lake Terrace, Kolkata - 700 029 to its new building at 1/R1, Baishnabghata Patuli Township, Kolkata - 700 094. The ERC covers the states of Bihar, Jharkhand, Odisha and West Bengal along with the Andaman and Nicobar Islands.

### Activities

- To sanction Study Grants to scholars from the eastern region to visit libraries in India for short periods for their research.
- To maintain collections of books and periodicals in the social sciences.
- To undertake publication and assist publication of journals and books in social sciences.
- To support bibliographical work especially in regional languages.
- To organize and support conferences / seminars / workshops in the region.
- To grant partial financial support for research projects conducted in the region.
- To assist the visiting foreign scholars, invited by the ICSSR under Cultural Exchange Programme.
- To maintain a guest house for visiting scholars.

## About Indian Academic Researchers Association (IARA)

Indian Academic Researchers' Association is a national, professional and non-profit organization with the objective of contributing to Science and Social Science by promoting Research and Development coordination between researchers and academicians working in Educational Institutions. Presently, IARA is publishing a Quarterly National Journal titled SELP JOURNAL OF SOCIAL SCIENCE (p-ISSN: 0975-9999, e-ISSN:2349-1655), International Biannual Journal titled RESEARCH EXPLORER (p-



ISSN: 2250-1940, e-ISSN:2349-1647), International Bi-Annual Journal titled TAMILAIVU SANGAMAM (p-ISSN:2320-3412, E-ISSN:2349-1639), International Biannual Journal titled SCIENCE EXPLORE and also published books with ISBN in various titles. IARA signed MoU with various educational institutions to organize seminars, workshops and academic deliberations. IARA play a significant role in transforming COVID 19 challenges into academic opportunities with the help of organizing various online research and academic programmes and Online International Conferences on Issues and Challenges on Social, Agricultural, Economical, Environmental, Business Management and Science and Technology after COVID 19.

### **About the Faculty Development Programme**

The FDP will provide a platform for interaction amongst academicians, researchers, business participants, and government officials. The Conference is jointly organized by the Research & Development Cell and Internal Quality Assurance Cell (IQAC) of Dum Dum Motijheel Rabindra Mahavidyalaya, in collaboration with Indian Academic Researchers Association (IARA). Furthermore, the papers presented will be eligible for publication in eminent books and journals of IARA subject to blind peer review.

**\*Completion Certificates will be provided on successful completion of the FDP.**

**\* Original research-based papers may be presented and all the paper-presenters will be given Paper Presentation Certificates separately.**

**\* High Quality Research Papers will be published in the Edited Book with ISBN or Peer-reviewed Journals, based on the Review and Similarity Report. For that, an original research paper within 2000 words, Typed in MS-Word, Times New Roman 12 point, double-spaced accompanied by an Abstract within 200 words and some Keywords, should be mailed to [fdp.iaraddmrm25@gmail.com](mailto:fdp.iaraddmrm25@gmail.com) and [principal.ddmrm@gmail.com](mailto:principal.ddmrm@gmail.com) positively within 10.01.2025.**

#### **Important Dates**

**Registration Deadline: January 10, 2025 (SPOT REGISTRATION ALLOWED)**

#### **Registration Fees**

**Rs. 500 (Five Hundred) only as Processing and Certification Fees  
(50% discount for EC Members and Fellow Members of IARA)**

#### **Mode of Payment of Delegate Fee**

**Payment to be made to the following Bank through NEFT/Online Payment/IPMS:**

**Name of the Payee: DUM DUM MOTIJHEEL RABINDRA MAHAVIDYALAYA**

**Name of the Bank: INDIAN BANK**

**Name of the Branch: DUMDUM NAGER BAZAR**

**Account No.: 20385664511**

**IFSC: IDIB000D675**



## Registration Form

Registration through the following Google Form:

[https://docs.google.com/forms/d/1U1e9v5OvkVUPFXAcqID6gB40LRHAVKnuNmG\\_Ys4TsdI](https://docs.google.com/forms/d/1U1e9v5OvkVUPFXAcqID6gB40LRHAVKnuNmG_Ys4TsdI)



## Contact Details



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## **DUM DUM MOTIJHEEL RABINDRA MAHAVIDYALAYA**

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**ISO 9001:2015, ISO 14001:2015 and ISO 50001:2018 Certified Institution**

**Report of ICSSR(ERC)-Sponsored 30-Hours International-Level Faculty Development Programme on “RESEARCH METHODOLOGY IN SOCIAL SCIENCES: CONCEPTS, TOOLS AND TECHNIQUES” Organised by Internal Quality Assurance Cell (IQAC) AND Research & Development Cell of Dum Dum Motijheel Rabindra Mahavidyalaya, Kolkata in collaboration with Indian Academic Researchers’ Association (IARA) Tiruchirappalli, Tamil Nadu, India.**

**Duration: 10th January – 25th January, 2025**

### **Inaugural Session**

**Date:** 10.01.2025

**Time:** 10.00 am onwards

**No. of participants: 60**

### **Abstract of the session:**

An International-Level Faculty Development Program (FDP) of 30 hours, sponsored by ICSSR-ERC, was organized by the IQAC and the Research and Development Cell of Dum Dum Motijheel Rabindra Mahavidyalaya, in collaboration with the Indian Academic Researchers’ Association (IARA). Dr. Amiya Kumar Panda, Hon'ble Vice Chancellor of Rani Rasmani Green University, West Bengal; Dr. Shaibal Kar, RBI Chair Professor in the Economics Department of CSSSC and Director of ICSSR-ERC, were among the distinguished guests at the event. The Hon'ble Principal of the College, Prof. (Dr.) Arijit Saha, and the Hon'ble President of IARA, Dr. C. Paramasivan, also delivered speeches. Professor Siddhartha Shankar Saha gave a comprehensive lecture on research methodology, plagiarism, and research ethics. Dr. Partha Karmakar, Hon'ble Deputy Secretary of the West Bengal Board of Primary Education, was present as a special guest. During the event, two institutional awards were presented by IARA, which were received by Dr. Madhushree Palit on behalf of Sarojini Naidu College for Women and Dr. Pradipta Mukherjee, NAAC Coordinator and Joint IQAC Coordinator of Hiralal Majumdar Memorial College for Women. Hon'ble Prof. (Dr.) Arijit Saha, Hon'ble Dr. Amiya Kumar Panda, and Hon'ble Dr. Partha Karmakar were honoured Lifetime Achievement Awards for their contributions to the field of education. Prominent personalities officially launched the IARA West Bengal Branch Newsletter. Dr. Sabitri Dutta, Joint Coordinator of IQAC at Dum Dum Motijheel Rabindra Mahavidyalaya, explained the theme of the FDP. Professor Pranam Dhar, All-India General Secretary of IARA and Organizing Secretary of the FDP, elaborated on the methodologies discussed. Members of the Executive Committee of IARA West Bengal were honoured, and the IARA West Bengal Branch Calendar and Official Website ([irowestbengal.com](http://irowestbengal.com)) were also launched. Dr. Anindita Saha expressed sincere thanks. The entire event was conducted by Dr. Kollol Saha, General Secretary of IARA West Bengal Branch. The event was attended by GB President, GB members, faculty members, and several NSS volunteers.



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### **Technical Session 1**

**Date:** 11.01.2025

**Time:** 10.00 – 12.00 p.m.

**Topic:** "An Overview of Research & Questionnaire Designing"

**Resource Person:** Prof. Pranam Dhar, Professor & Head, Department of Commerce, West Bengal State University, West Bengal, India

**No. of participants:** 43

#### **Abstract of the session:**

The session on "An Overview of Research & Questionnaire Designing" provided an introduction to the fundamentals of conducting research, emphasizing the importance of clear objectives and structured methodologies. It covered the key steps in designing effective questionnaires, including question types, wording, and format. Participants learned how to avoid common biases and ensure validity in data collection. The session also highlighted the importance of pre-testing questionnaires for reliability. Overall, it aimed to equip attendees with practical skills for designing research tools that gather accurate and meaningful data.

### **Technical Session 2**

**Date:** 11.01.2025

**Time:** 3.00 – 5.00 p.m.

**Topic:** "Constructs, Variables and Attributes & Primary Data Entry"

**Resource Person:** Prof. Pranam Dhar Professor & Head, Department of Commerce, West Bengal State University, W.B., India

**No. of participants:** 38

#### **Abstract of the session:**

The session on "Constructs, Variables and Attributes & Primary Data Entry" provided a comprehensive overview of key concepts in research methodology. It clarified the distinctions between constructs, variables, and attributes, highlighting their roles in shaping research design. The session also covered best practices for collecting and entering primary data, emphasizing accuracy and consistency. Participants learned how to define and measure variables effectively for reliable results. The importance of organized data entry to ensure valid analysis was also a key takeaway from the session.

### **Technical Session 3**

**Date:** 11.01.2025

**Time:** 7.00 – 9.00 p.m.

**Topic:** "Literature Review – A Necessary Evil"

**Resource Person:** Dr. Anup Kumar Ghosh, Professor, Techno India University, West Bengal, India

**No. of participants:** 42

#### **Abstract of the session:**

The session on "Literature Review – The Steering for a Meaningful Research" explored the crucial role of literature reviews in academic research. It discussed the challenges researchers face, such as sifting through vast amounts of information and identifying relevant studies. The session emphasized that, while time-consuming, literature reviews are essential for building a solid foundation for new research.



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Strategies for efficiently conducting literature reviews and avoiding common pitfalls were also shared. Ultimately, the session highlighted how a well-executed literature review enhances the quality and credibility of research.

### **Technical Session 4**

**Date:** 13.01.2025

**Time:** 11.00 – 1.00 a.m.

**Topic:** "Statistical Tools in Research Methodology"

**Resource Person:** Dr. R. Gangai Selvi Professor (Statistics), Department of Physical Sciences and Information Technology, Tamil Nadu Agricultural University, India

**No. of participants:** 42

#### **Abstract of the session:**

The session on "Statistical Tools in Research Methodology" introduced participants to various statistical techniques used in analyzing research data. It covered essential tools such as descriptive statistics, inferential statistics, and correlation analysis. The session emphasized how these tools help in drawing meaningful conclusions and testing hypotheses. Participants were guided on choosing the appropriate statistical methods based on their research objectives and data types. Overall, the session equipped attendees with practical knowledge to apply statistical tools effectively in their research projects.

### **Technical Session 5**

**Date:** 13.01.2025

**Time:** 7.00 – 9.00 p.m.

**Topic:** "Concepts and Application of Structural Equation Modelling: A Practical Guide using AMOS"

**Resource Person:** Dr. Sudin Bag Associate Professor, Department of Business Management, Vidyasagar University, W.B., India

**No. of participants:** 36

#### **Abstract of the session:**

The session on "Concepts and Application of Structural Equation Modelling: A Practical Guide using AMOS" provided an in-depth exploration of Structural Equation Modelling (SEM) and its implementation using the AMOS software. The session covered fundamental SEM concepts, including the integration of factor analysis and multiple regression to analyse complex variable relationships. Participants were guided through the process of constructing and testing SEM models, with a focus on practical applications in research. The session also emphasized interpreting AMOS outputs and reporting results in APA style, enhancing participants' proficiency in SEM. This comprehensive overview equipped attendees with the necessary skills to apply SEM effectively in their research endeavours.

### **Technical Session 6**

**Date:** 14.01.2025

**Time:** 7.00 – 9.00 p.m.

**Topic:** "Hypothesis Testing Tools"

**Resource Person:** Dr. Hiranmoy Roy, Associate Professor, Dept. of Economics, School of Humanities and Social Sciences, Hemvati Nandan Bahuguna Garhwal University (HNBGU)

**No. of participants:** 40





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### **Abstract of the session:**

The session on "Hypothesis Testing Tools" provided an in-depth exploration of statistical methods used to evaluate research hypotheses. The session covered various tests, including Z-tests, T-tests, and ANOVA, highlighting their applications in different research scenarios. Participants learned how to select appropriate tests based on data characteristics and research objectives. The session also emphasized the importance of understanding p-values, significance levels, and the potential for Type I and Type II errors in hypothesis testing. By the end, attendees gained practical skills to apply these tools effectively in their research analyses.

### **Technical Session 7**

**Date:** 15.01.2025

**Time:** 5.00 – 6.30 p.m.

**Topic:** "Sampling Design"

**Resource Person:** Prof. Pradipta Banerjee

**No. of participants:** 41

### **Abstract of the session:**

The session on "Sampling Design" provided an overview of methods for selecting representative subsets from populations. It covered various sampling techniques, including simple random sampling, stratified sampling, and cluster sampling, highlighting their applications and advantages. The importance of understanding sampling frames and ensuring equal probability of selection was emphasized to minimize bias. The session also addressed challenges such as non-response and non-coverage, discussing strategies to mitigate their impact. Additionally, the concept of design effect was introduced, illustrating how sampling design influences the precision of survey estimates.

### **Technical Session 8**

**Date:** 15.01.2025

**Time:** 6.30 – 8.00 p.m.

**Topic:** "Innovation in Research"

**Resource Person:** Dr. C. Paramasivan Associate Professor & Research Supervisor, Thanthai E.V.R. College, Tamil Nadu, India

**No. of participants:** 41

### **Abstract of the session:**

The session on "Innovation in Research" explored strategies to enhance creativity and efficiency within research environments. Discussions centered on fostering interdisciplinary collaborations and integrating advanced technologies, such as artificial intelligence, to accelerate discovery processes. Participants examined case studies highlighting successful innovation models and identified common barriers to implementing innovative practices. The session emphasized the importance of cultivating a culture that encourages risk-taking and values diverse perspectives in research teams. Attendees left equipped with actionable insights to drive innovation in their respective research domains.





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### **Technical Session 9**

**Date:** 16.01.2025

**Time:** 3.00 – 5.00 p.m.

**Topic:** "Field Experiments in Development"

**Resource Person:** Prof. Indrani Roy Chowdhury Professor (Economics), Centre for Studies in Regional Development, School of Social Sciences, Jawaharlal Nehru University, New Delhi.

**No. of participants:** 36

**Abstract of the session:**

The session on "Field Experiments in Development" delved into the methodology and impact of conducting experiments in real-world settings to inform development policies. The discussion highlighted the advantages of field experiments in assessing causal relationships and evaluating interventions within natural environments. Participants examined various experimental designs, including randomized controlled trials, and their applications across sectors such as education, health, and microfinance. The session also addressed ethical considerations and challenges inherent in implementing field experiments in diverse cultural and economic contexts. Attendees gained insights into best practices for designing and executing field experiments to effectively contribute to evidence-based development strategies.

### **Technical Session 10**

**Date:** 16.01.2025

**Time:** 7.00 – 9.00 p.m.

**Topic:** "Paper Presentation Session"

**Session Chair:** Dr. Sabitri Dutta Department of Economics, Dum Dum Motijheel Rabindra Mahavidyalaya, W.B., India

**Session Co-Chair:** Dr. Kallol Saha Department of Commerce, Barrackpore Rastraguru Surendranath College, W.B., India

**No. of participants:** 38

In this session there were 10 paper presented by their respective authors. The papers primarily covered areas like Commerce, Education, Political Science, research methodology, knowledge system, critical thinking etc. Each presenter was given five minutes time for presentation followed by interaction session. The papers were assessed based on the content and delivery of the main subject matters of the papers. The best paper award was won by the paper "Exploratory Assessment of Cognitive and Emotional Biases in Investment Behavior: Insights into Psychological Influences through Factor Analysis" jointly authored by Sri Amit Boler & Prof. Pranam Dhar. All the papers presented in the session were in alignment with the main theme of the FDP.

### **Technical Session 11**

**Date:** 17.01.2025

**Time:** 9.00 – 10.00 a.m.

**Topic:** "How to write an article to the scientific / Scopus Indexed journal"

**Resource Person:** Prof. Jeyaraj Sonai Singram, Professor, Department of Accounting & Finance Sino-British College, Staffordshire University, UK

**No. of participants:** 32



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### Abstract of the session:

The session on "How to Write an Article for Scientific/Scopus-Indexed Journals" emphasized the importance of adhering to the IMRaD structure—Introduction, Methods, Results, and Discussion—for organizing research articles effectively. Participants were guided on crafting clear abstracts, formulating precise research questions, and employing appropriate methodologies to enhance reproducibility. The significance of presenting results with accurate data representation and engaging in thoughtful discussions contextualizing findings within existing literature was highlighted. Additionally, the session addressed the necessity of meticulous referencing and compliance with specific journal guidelines to meet publication standards. Practical tips on navigating the peer-review process and responding to reviewer comments were also provided to facilitate successful publication outcomes.

### Technical Session 12

**Date:** 17.01.2025

**Time:** 5.00 – 7.00 p.m.

**Topic:** “Non-parametric Tests”

**Resource Person:** Dr. Arjun Gope Assistant Professor of Commerce, Ramthakur College, Tripura, India.

**No. of participants:** 30

### Abstract of the session:

The session on "Non-Parametric Tests" introduced statistical methods that do not rely on assumptions about data distributions. It covered various tests such as the Mann-Whitney U test, Kruskal-Wallis test, and Friedman test, explaining their applications in comparing independent and related samples. The importance of choosing appropriate non-parametric tests when data violate parametric assumptions was emphasized. Additionally, the session addressed the robustness of these tests and their utility in analyzing ordinal data or non-normally distributed interval data.

### Technical Session 13

**Date:** 17.01.2025

**Time:** 7.00 – 9.00 p.m.

**Topic:** “Hypothesis development and testing using SPSS”

**Resource Person:** Dr. Fedric Kujur Assistant Professor of Marketing, Xavier’s Institute of Social Service, Ranchi, India.

**No. of participants:** 34

### Abstract of the session:

The session on "Hypothesis Development and Testing using SPSS" provided participants with a comprehensive understanding of formulating null and alternative hypotheses in statistical research. It covered various hypothesis tests, including t-tests, ANOVA, and chi-square tests, explaining their appropriate applications and interpretations. The importance of verifying assumptions such as normality and homogeneity of variances before conducting these tests was emphasized. Practical demonstrations using SPSS software illustrated how to perform these analyses efficiently. Additionally, the session addressed common pitfalls and best practices in hypothesis testing to ensure robust and reliable results.

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### **Technical Session 14**

**Date:** 18.01.2025

**Time:** 10.00 – 12.00 p.m.

**Topic:** “Literature Review”

**Resource Person:** Dr. Nigamananda Biswas Professor & Former Director, Aligarh Muslim University, Murshidabad, W.B., India.

**No. of participants:** 18

#### **Abstract of the session:**

The session on "Literature Review" emphasized the importance of synthesizing existing research to contextualize new studies. It guided participants in conducting comprehensive searches across multiple databases to gather relevant scholarly articles, books, and other sources. The process of critically analyzing and organizing these sources into a cohesive narrative, highlighting gaps and identifying trends, was thoroughly discussed. Additionally, the session addressed best practices in referencing and adhering to specific journal guidelines to enhance the quality and credibility of the review. Practical tips were provided on effectively writing and structuring literature reviews to contribute meaningfully to academic discourse.

### **Technical Session 15**

**Date:** 18.01.2025

**Time:** 2.30 – 4.30 p.m.

**Topic:** “Descriptive Statistics, Outlier & Hypothesis Testing”

**Resource Person:** Prof. Pranam Dhar Professor & Head, Department of Commerce, West Bengal State University, W.B., India.

**No. of participants:** 16

#### **Abstract of the session:**

The session on "Descriptive Statistics, Outliers, and Hypothesis Testing" provided participants with essential tools for data analysis. It began by introducing descriptive statistics techniques, such as measures of central tendency and variability, to summarize and describe data effectively. The identification and treatment of outliers were discussed, covering methods like Grubbs's test, Chauvenet's criterion, Dixon's Q test, and Cochran's C test, each offering unique approaches to detecting anomalies in datasets. Emphasis was placed on the importance of verifying data normality before applying certain outlier tests to ensure validity. The session concluded with a focus on hypothesis testing, guiding attendees through formulating null and alternative hypotheses, selecting appropriate statistical tests, and interpreting results to draw meaningful conclusions.

### **Technical Session 16**

**Date:** 20.01.2025

**Time:** 7:00 - 9:00 pm

**Topic:** “Review of Literature – An Overview”

**Resource person:** Prof. K. Krishnakumar, Professor & Head, Department of Commerce, Periyar University, Tamil Nadu, India

**No. of Participants:** 19



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### **Abstract of the Session:**

The session on "Review of Literature – An Overview " emphasized and summarised existing research on a particular topic, identifying key findings, trends, and gaps. It provided context for a research study, showing how the current work fits into the broader field. The speaker aimed to clarify the role that a well-structured literature review plays in research, while guiding participants through the key steps and methodologies for writing one. The session began by defining a literature review as a critical summary and synthesis of existing research on a specific topic. It was emphasized that a literature review helps establish the foundation of knowledge in a particular field and identifies gaps in the research that need further exploration. Participants gained a deeper understanding of its role in research and learned practical strategies for evaluating, synthesizing, and presenting existing literature to support their academic work. The session was highly beneficial for both novice and experienced researchers seeking to enhance their skills in writing literature reviews.

### **Technical Session 17**

**Date:** 21.01.2025

**Time:** 8:30 am – 10:30 am

**Topic:** "Report Writing & Research Paper Writing"

**Resource person:** Prof. Pranam Dhar Professor & Head, Department of Commerce, West Bengal State University, W.B., India

**No. of Participants: 19**

### **Abstract of the Session:**

The session on "Report Writing & Research Paper Writing" provided valuable insights into the essentials of crafting clear, concise, and well-structured reports and research papers. The speaker aimed to equip participants with practical strategies for effectively communicating research findings and ideas in both academic and professional settings. The session began by highlighting the importance of writing effective reports and research papers. It was emphasized that these documents serve as a means to communicate complex ideas, research findings, and analyses clearly and persuasively to a broader audience. This session offered invaluable guidance for participants looking to improve their academic and professional writing. By covering essential structures, tips for clarity, and practical strategies for overcoming writing challenges, the session provided participants with the tools necessary to write effective, well-organized reports and research papers. The session was beneficial for both beginners and seasoned writers looking to refine their skills in academic writing.

### **Technical Session 18**

**Date:** 22.01.2025

**Time:** 12:00 - 1:30 pm

**Topic:** "Research & Publication Ethics"

**Resource person:** Prof. Pranam Dhar, Professor & Head, Department of Commerce, West Bengal State University, W.B., India

**No. of Participants: 14**

### **Abstract of the Session:**

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The session on "Research & Publication Ethics" aimed to provide researchers with a comprehensive understanding of the ethical considerations involved in conducting research and publishing scholarly work. The speaker emphasized the importance of maintaining integrity, transparency, and accountability throughout the research and publication process. The session began by discussing the core principles of research ethics, which include honesty, integrity, transparency, and respect for human and animal rights. Researchers were encouraged to prioritize ethical decision-making in all stages of their work—from data collection to analysis and reporting. The session provided participants with essential knowledge and guidelines for conducting ethically sound research and navigating the complexities of academic publishing. By focusing on the core principles of research ethics, the importance of transparency in publishing, and the responsibilities of researchers, the session emphasized the critical role ethics plays in maintaining the integrity of scholarly work. Participants left the session with a clearer understanding of how to navigate ethical dilemmas and uphold high standards in their research and publications.

Evaluation of the participants took place through examination and paper presentation and book review. The examination was held on 23.1.2025. 55 participants appeared for the examination. Gradation was awarded based on the result of the examination, paper presentation, book review and class attendance.

### **Valedictory Session**

**Date:** 25.01.2025

**Time:** 7:00 – 9:00 pm

**No. of Participants:** 45

### **Abstract of the Session:**

The valedictory session of the ICSSR (ERC)-Sponsored 30-Hours International-Level Faculty Development Programme on "Research Methodology in Social Sciences: Concepts, Tools, and Techniques" was held in online mode via Zoom platform. This session marked the successful conclusion of a series of insightful and enriching sessions that spanned across several days, offering faculty members and researchers an opportunity to enhance their understanding of modern research methods in social sciences. The event began with the opening address delivered by Dr. Debashis Pal Chowdhury, the Hon'ble President of the Governing Body of Dum Dum Motijheel Rabindra Mahavidyalaya. Dr. Chowdhury emphasized the importance of research in the social sciences and its role in shaping a better and more informed society. Prof. (Dr.) Arijit Saha, the Hon'ble Principal & Secretary of Dum Dum Motijheel Rabindra Mahavidyalaya, followed with his address. Prof. Saha discussed the changing landscape of higher education and how research plays an integral role in academic growth. The presidential address was delivered by Dr. C. Paramasivan, Associate Professor in the PG & Research Department of Commerce at Thanthai Periyar Government College of Arts & Commerce, and the Hon'ble All-India President of the Indian Academic Researchers' Association (IARA). Dr. Paramasivan spoke about the importance of research methodology in advancing knowledge across various disciplines. Professor Sudipti Banerjee, Former Professor of Commerce at the University of Calcutta, National Editorial Board Member of the Indian Accounting Association, and Chief Patron of IARA-West Bengal Wing, delivered a thought-provoking address. Dr. Badiuddin Ahmed, Professor & Dean of the Department of Commerce and Business Management at Maulana Azad National Urdu University, Hyderabad, spoke about the role of technology in research methodology. Professor Geetha Subramanian,





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Professor in the Department of Management at Sezi University, Malaysia, brought an international perspective to the session. She shared her experiences in conducting research across borders and emphasized the importance of understanding cultural contexts in social science research. Professor B.C.M. Patnaik, Professor & Dean of the School of Management at the Kalinga Institute of Information Technology (KIIT), Orisha, India, concluded the series of valedictory addresses. The session concluded with Professor Pranam Dhar, Professor & Head of the Department of Commerce at West Bengal State University and All-India General Secretary of the Indian Academic Researchers' Association (IARA), delivering the vote of thanks. Professor Dhar thanked all the speakers for their valuable contributions, the participants for their active engagement, and the organizing committee for ensuring the smooth conduct of the program. He expressed his belief that the knowledge gained during the FDP would significantly enhance the research capabilities of the attendees and contribute to academic excellence. The valedictory session marked a fitting end to a highly successful faculty development program. The discussions, insights, and experiences shared during the program provided participants with a comprehensive understanding of modern research methodologies in the social sciences. The collaboration between Dum Dum Motijheel Rabindra Mahavidyalaya and the Indian Academic Researchers' Association (IARA) proved to be fruitful in fostering academic growth and research excellence. The event not only provided valuable knowledge but also encouraged future academic collaborations, ensuring that the insights gained from this program will continue to inspire and shape the research practices of participants.





