



ONE WEEK NATIONAL WORKSHOP ON RESEARCH METHODOLOGY

Organized by
Department of Statistics, Dibrugarh University
12th - 18th February, 2024

OBJECTIVE OF THE WORKSHOP:

This workshop will cover a brief discussion on different aspects of Research Methodology and Data analysis and it will give emphasis on recent innovations, methods, concerns, practical challenges encountered and solutions adopted in qualitative and quantitative research methods and data analysis with the help of Statistical Software. The workshop is also intended to strengthen researchers and faculties in analysis skills by providing blend of conceptual learning and hands-on practical sessions on statistical software like SPSS, R etc. Special focus will be given on how to approach a particular data set (database creation, data entry, data editing, analysis) and get to scientific conclusion and finally how to write and publish a quality research paper in reputed journals. It also place emphasis on literature review, research ethics and plagiarism of scientific write-ups.

TOPICS WILL BE COVERED BY THE WORKSHOP:

1. Application of Statistical tools in Research Methodology.
2. Introduction to different types of data needed for any scientific research.
3. Descriptive statistics, sampling techniques and determination of sample size in a scientific survey.
4. Inferential Statistics: Parametric and Nonparametric test, ANOVA etc.
5. Correlation, Regression analysis and Time Series analysis.
6. Analysis of statistical data in SPSS.
7. Research Ethics and Plagiarism in Technical Writing.
8. Retrieval of Scientific Literature for Effective Review.
9. How to write a good research paper.
10. How to publish your research paper in indexed Research journal.
11. Identification of Reputable and Predatory journals.
12. Introduction to Mendeley & Hands-on etc.

DISTINGUISHED RESOURCE PERSONS



Dr. Himanshu Kumar Chaturvedi
Scientist G
Director in-charge, ICMR-NIMS, New Delhi

Topic: Sampling Techniques in Scientific Survey



Prof. Sumeer Gul
Professor, Department of Library and Information Science,
Incharge Librarian, Allama Iqbal Library
University of Kashmir, Srinagar

Topic: Writing and Publication of a good Research Paper.



Dr. Subhasis Ray
Assistant Professor,
Business Analytics and System Management, IISWBM,
Kolkata

Topic: Statistical Inference and Sampling



Prof. Probodh Borah,
Professor and Head, Department of Animal Biotechnology,
College of Veterinary Science, Assam Agriculture University

Topic: Research Ethics and Plagiarism & Literature Review



Prof. Sarat Chandra Kakaty
Dean, Faculty of Science and Engineering, Dibrugarh
University

Topic: Application of Statistical Techniques in Research Methodology



Dr. M. P. Barman
Associate Professor & Head, Department of Statistics,
Dibrugarh University

Topic: Statistical Data analysis using SPSS

Contact

stats_events@dibru.ac.in
9854835288, 8011708827, 7003149431

ORGANIZING COMMITTEE:

Patron in-chief: Vice-chancellor, Dibrugarh University

Patron: Dean, Research and Development, Dibrugarh University
Dean, Faculty of Science and Engineering, Dibrugarh University
Registrar, Dibrugarh University

Organizing

Chairperson: Dr. Manash Pratim Barman, HoD, Department of Statistics.

Coordinator: Dr. Kuki Kalpita Mahanta

Members: Dr Kuldeep Goswami

Dr. Aniket Biswas

Dr. Partha Jyoti Hazarika

Dr. Dhruva Das

Dr. Bipin Gogoi

Mrs. Monimala Neog

Department of Statistics, Dibrugarh University.

WHO CAN JOIN:

Faculties, Research Scholars, Students of different universities, colleges and research institutions and other individual researchers.

Total Participants to be enrolled: **50(Fifty only)**

Registration Fee: **For Research Scholars and Students Rs. 2000/-**
For Faculties: 2500/-

(The registration fee includes a workshop kit, lunch, tea and snacks during the workshop days. No TA/DA will be provided to the participants. However for outstation participants accommodation may be provided inside the campus on payment basis.)

Registration Link : <https://forms.gle/LPh8E6m9z42CAk6w6>



FEE TO BE PAID TO:

Name: **Head Department of Statistics**

Bank Name: **State Bank of India, Dibrugarh University**

A/C No.: **10275511519**

IFSC: **SBIN0002051**

IMPORTANT DATES:

Registration starts: **22/12/2023**

Registration ends: **31/01/2024**

DIBRUGARH UNIVERSITY AND DEPARTMENT OF STATISTICS AT A GLANCE:

Dibrugarh University is a premier institution of higher education. The University is the second oldest University in Assam, which was established as a State Affiliating University in 1965. It is located on the southern bank of mighty river Brahmaputra in the north-eastern part of India. It offers UG, PG and Research Degrees in the field of Humanities, Social Sciences, Science and Technology, Commerce and Management through 175 affiliated colleges, 17 Departments, 21 Centre for Studies and one constituent Engineering Institute at present. The organizing Department, the Department of Statistics, established in the year 1967, is well known for its research and teaching in Distribution Theory, Econometrics, Reliability, Statistical Quality Control and Statistical Inference. The department has a research group with emphasis on research in medical and health Statistics. The department has received financial assistance under FIST programme for the period 2004-2009 and assistance under UGC innovative programme to run a Post Graduate Diploma in Statistical Techniques and Computation (PGDSTC) course for the period 2007-2012. The department was also recognised by the IJGC under the Special Assistance Programme (SAP) during 2009-2015 and 2015-2020. The department has its own research journal of international repute "Assam Statistical Review" since, 1987.

HOW TO REACH DIBRUGARH UNIVERSITY:

Dibrugarh can be reached by Road, Rail and Air.

- 📍 **By Air:** The Mohanbari Airport is located at a distance of 23 kms. from the Dibrugarh University. Several Airlines Operate daily flights to and from Dibrugarh from all major cities of India.
- 📍 **By Road:** The Dibrugarh bus station is located at a distance of 5 kms from the Dibrugarh University.
- 📍 **By Rail:** The DBRT and DBRG Railway Station are located at a distance of 5 Kms and 10 Kms respectively from Dibrugarh University.
- 📍 **Climate of Dibrugarh:** The climate of Dibrugarh is very pleasant during the month of February when the temperature varies within 18°C - 23°C. The participants are advised to bring necessary clothings suitable for the climate.