Workshop on Research Methods and Data Analysis using Statistical Software Packages

Organized by Department of Library and Information Science
Aligarh Muslim University, Aligarh
March 2-8, 2019

Registration Form

1. Name: ____________________________
2. Designation/Position: _______________
3. Department: _______________________
4. Name of the University/Institution: ______
   ____________________________
5. Contact Details: ____________________
   _________________________________
   Email ID: _________________________
   Mobile No. ________________________
6. Mode of Payment (Please tick)
   □ Online Payment  □ Demand Draft
7. Registration Fee Details:
   □ Research Scholars/Students  Rs. 1000
   □ Faculty/sponsored delegates  Rs. 1500
   Note: Outside participants will have to bear their own travel, boarding and lodging expenses
   DD Number/Online Transaction ID: ____________
   Date of Issue/Date of online transaction: ______
8. Recommendation from Chairperson / Competent Authority
   Sig. of HOD  Sig. of Candidate

Contact Information
For any information/clarification, please contact:
Dr. Mohammad Nazim,
Workshop Coordinator
Department of Library and Information Science
Aligarh Muslim University, Aligarh - 202002.
E-mail ID: wormamu@gmail.com
Mobile No.: 9198745559
About the Department
The foundation of the Department of Library Science was laid way back in 1950-51 with the introduction of a ‘Certificate Course in Library Science’, by the then University Librarian, (Late) Padmashree Prof. S. Bashiruddin, who later on introduced a one year ‘Bachelor of Library Science’ course in 1958-59. Subsequently, ‘Master of Library Science’ was introduced in 1970-71 and Ph.D in 1990-91.

The department has had the distinction of completing a number of DST and UGC major research projects by designing and developing L.I.S. Subject Gateway (www.lisgateway.com), I.T. Subject Gateway (http://www.itsubjectgateway.info/) and E-Learning portal (http://lislearning.in/). The department has developed ‘Social Science Cyber Library’ (www.socsccybraryamu.ac.in), inaugurated by His Excellency Shri Pranab Mukherjee on 27-12-2013. The Social Science Cyber Library has been awarded ISO 9001:2008 in 2015 and has recently entered in the Limca Book of Records. Under the UGC’s Programme, the Department was awarded Special Assistance Programme SAP (DRS-I) in 2015 and has recently entered in the Limca Book of Records.

About the Workshop
Research is a systematic inquiry to describe, explain, predict and control the observed phenomenon. The variables under investigation must always be measured in some way or another, no matter what scientific methodology and data analysis are used. The questions like how to develop the framework of research? Which methodology to follow? which category of data will be most suitable for the study?, which tool should be used for data collection?, what could be the right sample size?, how to analyze the data?, which statistical tool should be used for analyzing the data?, which statistical software is suitable for applying the statistical tool for research, how SPSS could help in analyzing the data and testing the framed hypothesis?, how the research work of other researchers could be quoted without plagiarism, what are the different referencing styles which could be followed and how these could be utilized and presented in thesis etc. are faced by the researcher during his/her research work. The present workshop is an attempt to provide answers to these queries of the scholars and make their research more scientific, need based and genuine.

Statistics plays an essential role at all stages of a research study in almost all disciplines, from planning, through conduct and to the final analysis. A researcher needs basic knowledge and understanding of statistical concepts to communicate with a statistician. Numerous software products have been developed for data analysis and applying different test for testing of hypotheses. SPSS and MINITAB are popular software used by researchers widely as they have enabled academicians and researchers to obtain valuable information from the data. Basic knowledge of these statistical software is important for all users before they proceed to surveys and data analyses. This workshop will cover basic statistical concepts required for understanding study results along with hands on experience of doing basic analysis using the statistical software packages, SPSS and MINITAB.

Topics to be covered
- Fundamentals of Research
- Methodologies of research
- Tools and techniques of research
- Descriptive statistics and exploratory data
- Hypotheses testing (t and F tests)
- Testing of Normality and homoscedasticity
- Correlation and Regression Analysis
- Use of the statistical software packages (SPSS and MINITAB) in research: Hands on training on their usage
- Writing project report and thesis
- Citations and Referencing Styles using Mendeley Reference Management Software
- Methods of preventing plagiarism.

Resource persons
The eminent persons having expertise in research methodologies will deliver the lectures during the training workshop.

Registration Fee
Research Scholars/ Students  Rs. 1000
Faculty/sponsored delegates  Rs. 1500

The registration fee includes course kit and snacks. Please note that the outside participants will have to bear their own travel, boarding and lodging expenses.

The number of seats are limited to 35 (on first come, first serve basis). Registration fee can be paid through A/c payee demand draft. The Demand Draft should be in the favor of “COORDINATOR WORKSHOP ON RESEARCH METHODOLOGY”, Aligarh Muslim University, Aligarh, payable at Aligarh. Alternatively, registration fee may also be paid by online mode. The details for online payment are as under:

A/c Name:  COORDINATOR WORKSHOP ON RESEARCH METHODOLOGY
A/c Number:  5247101007755
Bank & Branch:  Canara Bank, AMU, Aligarh
IFSC code:  CNRB0005247
Fees once paid will not be refunded

How to apply
The workshop is designed for catering to the needs of academicians, researchers, students and research scholars who are interested to learn the fundamentals of research and enhance their skills in statistics and data analysis using statistical tools and softwares.

Application form can be downloaded from https://www.amu.ac.in/departmentpage.jsp?did=80
Duly filled in form along with Demand DD/copy of receipt of online transaction (in case of online payment) can be sent to: Dr. Mohammad Nazim, Workshop Coordinator, Department of Library and Information Science, Aligarh Muslim University, Aligarh - 202002 or can be emailed at wormamu@gmail.com latest by 25 Feb., 2019.