

Program Overview

Knowledge of statistics plays a crucial role in the work of academicians and researchers; hence they always aspire to acquire knowledge of this field. Without a solid understanding of the statistics, academicians and researchers may struggle to conduct thorough analyses within their specific area. If researchers lack the patience to devote time to understand statistics, their inherent curiosity will remain unfulfilled. It is crucial to dedicate time and effort to understand the fundamental concepts of statistics before embarking on any research endeavour. Statistics serves as a valuable tool that enables researchers to conduct their studies. It helps him in formation of the research topic, sampling, tool development and analysis of data.

This FDP offers an opportunity to investigate the role of statistics in any research endeavour. The instructors will adopt a step-by-step approach to demonstrate the applications of statistical techniques in analysis of data, familiarizing participants with the software programs commonly used in the research field. Emphasis will be placed on interpretation as well as computation, developing competencies that will benefit participants in their future careers as researchers. The workshop will cover both basic and advanced statistical techniques in R for data analysis.



AIU - Dayalbagh Educational Institute Academic & Administrative Development Centre (AIU-DEI-AADC)

organises

10 days Faculty Development Programme

on

“Statistics in Education and Social Sciences Research”

22-05-2024 to 31-05-2024

Program Contents

- Introduction of statistical techniques in educational and social science research using R
- Installation of R and data handling in R
- Descriptive statistics and its computation in R
- Significance and Reliability of Statistics
- Normal Probability Curve and Testing of Normality of Data
- Testing of Hypothesis and its computation in R
- Data visualization in R
- Parametric statistics and its computation in R
- Non-parametric statistics and its computation in R
- Correlation, regression and multiple regression and its computation in R
- ANOVA & ANCOVA and its computation in R
- Introduction to Multivariate Analysis, MANOVA & Factor Analysis

Resource Persons

Prof. Manoj Kumar Shrivastava

Vice Chancellor, Shaheed Mahendra Karma Vishwavidyalaya, Bastar

Prof. Shalabh

Professor, Department of Mathematics and Statistics, IIT Kanpur

Prof. Namita Srivastava

Professor, St. Johns College, Agra

Prof Abid Siddiqui

Professor,
Aligarh Muslim University, Aligarh

Prof. Ajay Surana

Professor & Head, Faculty of Education
Banasthali Vidyapith, Rajasthan

Prof. Ravins

Professor, Jamia Milia Islamia,
Delhi

Dr. Manoj Kumar

Assistant Professor, Centre for
Economic Studies and Planning,
JNU, New Delhi

Dr. Keerti Jain

Assistant Professor, NIIT University,
Neemrana Rajasthan

Prof. Gursaran

Professor, Department of Mathematics,
Dayalbagh Educational Institute, Agra

Prof. N. C. Ojha

Professor, Regional Institute of Education,
NCERT, Bhopal

Dr. Ashwani Garg

Associate Professor, Regional Institute of
Education, NCERT, Bhopal

Dr. C.L. Singh

Associate Professor, Faculty of Education
Dayalbagh Educational Institute, Agra

Dr. Agam Prasad Tyagi

Associate Professor,
Department of Mathematics,
Dayalbagh Educational Institute, Dayalbagh,
Agra

Dr. Preet Kumari

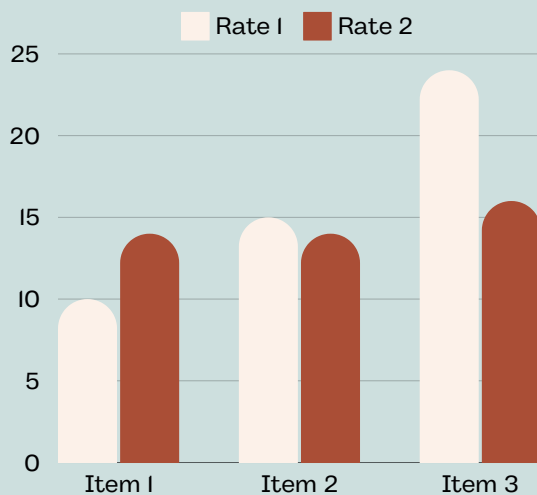
Associate Professor,
Department of Psychology,
Dayalbagh Educational Institute, Dayalbagh,
Agra

Prof. Rupali Satsangi

Professor, Department of Economics,
Dayalbagh Educational Institute, Dayalbagh,
Agra

Prof. NPS Chandel

Professor, Faculty of Education
Dayalbagh Educational Institute, Dayalbagh,
Agra



Program Details

Target Participants

Faculty Members, Research Scholars and PG Students

Registration Fee

Participants (DEI) –INR 1000
Participants (Outside DEI)–INR 1180 (1000+18% GST)
(No accommodation will be provided to outside participants)

Mode of Delivery

Hybrid

Last Date of Registration

15-05-2024

Payment Details

Bank Name- Union Bank of India
Account Name- DEI Conference Account
Account Number- 305601010291491
IFSC- UBIN0530565

Venue

School of Education (SoE),
Faculty of Education,
Dayalbagh Educational Institute
(Deemed to be University)
Dayalbagh, Agra-282005,
Uttar Pradesh, India

Registration Link (Limited Seats Available on First Come First Serve Basis)
<https://forms.gle/P5pNJCHBd8nnUvnH8>

Contact Details

Prof. AK Kulshrestha 9411202587
Dr. Shalini Verma 9411838606

Program Convener

Prof. NPS Chandel

(Coordinator) & Head
M.Ed. & Ph.D.,
Faculty of Education, DEI,
Mob. 9412812183

DEI Advisors

Prof. C. Patvardhan

Director, DEI

Prof. Anand Mohan

Registrar, DEI

Smt. Sneh Bijlani

Treasurer, DEI

Organizing Committee

- Prof. A. K. Kulshrestha, Faculty of Education, DEI
- Prof. Sona Ahuja, Faculty of Education, DEI
- Dr. Chhavi Lal, Faculty of Education, DEI
- Dr. Neha Jain, Faculty of Education, DEI
- Dr. Shalini Verma, Faculty of Education, DEI

Faculty Advisors

Prof. Nandita Satsangee

Dean, Faculty of Education, DEI

Prof. Savita Srivastava

Head, B.Ed., Faculty of Education, DEI

AIU Advisors

Dr. Pankaj Mittal

Secretary General, AIU

Dr. Amrendra Pani

Joint Director & Head,
Research Division, AIU

AIU-DEI-AADC Nodal Officer

Prof. Jyoti Gogia

Department of Economics, DEI
E-mail: jyotigogia@dei.ac.in