

MAHARSHI DAYANAND UNIVERSITY

(NAAC Accredited 'A+' Grade State University)



One Week Workshop on *Research Methodology* APRIL 03-07, 2023

ABOUT WORKSHOP:

Faculty of Physical Sciences and Faculty of Engineering under the aegis of Ch. Ranbir Singh Institute of Social and Economic Change are organising One Week Workshop on Research Methodology from April 03-07, 2023 for Ph.D. scholars. This workshop is mandatory for Ph.D. scholars of these departments/institutes who are admitted/registered for Ph.D. as per ordinance of these courses. This workshop may also be attended by already registered Ph.D. students of these department/institutes who did not attend the previous one week workshop on Research methodology.

Chief Patron

Prof. Rajbir Singh

Vice-Chancellor

M. D. University, Rohtak

Patrons

Prof. Surendra Kumar

Dean Academic Affairs

Prof. Ajay K. Rajan

Director, CRSIS&EC

Workshop Director

Prof. Anil Kumar Chillar, Director Research

Workshop Conveners

Prof. S.C. Malik

Dean, Faculty of Physical Sciences

Prof. Yudhvir Singh

Dean, Faculty of Engineering

Workshop Coordinators

Dr. Rajesh, UIET

Dr. Monika, Mathematics

Workshop Co-Coordinators

Dr. Rajesh Malik, Chemistry

Dr. Komaldeep, UIET

Dr. Preeti Sharma, UIET

Organising Committee

Prof. Nasib Singh Gill, Head, Deptt. of CSA

Prof. Dalip Singh, Head, Deptt. of Mathematics

Prof. Sapna Garg, Head, Deptt. of Chemistry

Prof. Rajesh Punia, Head, Deptt. of Physics

Supporting Team

Mr. Rahul, Statistics

Mr. Sushil Malik, Statistics

Mr. Amit Dev, Statistics

Ms. Masum Raj, Statistics

Mr. Gagan, Statistics

Objectives of the Workshop

- To enable the scholars to understand the research problem and design them suitably.
- To enhance the knowledge of scholars regarding latest developments in the field of research.
- To sensitize the participants about ethical issues in research.
- To sharpen skills of scholars about quality research and publication.
- To provide the personalized interaction between participants and resource persons regarding their individual research issues.
- To develop capability for conceptualizing and writing research area/topic.

Topics Covered:

- Objectives and Significance of Research
- Formulation of Research Problems
- Review of Literature
- Ethics in Research, Copyrights & Plagiarism
- Research Methodology
- Data Collection and Analysis
- Data Analysis and Documentations with 'R'
- Mathematical Software
- Curve Fitting
- Estimation & Testing of Hypothesis Using Software-SPSS
- The Art of Writing Quality Research Papers
- Measurement and Scaling
- E-Library Resources
- Research Publication and Selection of Journals
- AI, Machine Learning and Data Science

CERTIFICATE: All research scholars will get the certificates on completion of workshop.

Registration:

Eminent experts have been invited as the Resource persons for the workshop. The workshop will commence at 9:00 A.M. on 3rd -7th April, 2023. The Ph.D. scholars have to be registered themselves by following the given link-

<https://forms.gle/DcB6pdoPBjzxpCkS7>

**SCAN THIS QR CODE
TO REGISTER**



MODE OF WORKSHOP: Offline

**Venue: Swaraj Sadan,
M.D. University Rohtak**

Important Instructions

- Attendance is mandatory for all sessions on all five days of the workshop.
- Only the participants who attend all sessions of all the five days will be given certificates.
- Daily Four session will be conducted two in forenoon and two in afternoon

In case of any query contact:

Prof. S.C. Malik

Mobile: 9813104668

Prof. Yudhibir Singh

Mobile: +91-9315517965

Website: www.mdu.ac.in