

One Week Faculty Development Programme

(Through On-line Mode Only)

On

Research Methodology and Data Analysis

(For Teachers from Higher educational Institutions)

From December 19th - December 24th, 2020

Organised by:

Faculty Development Centre, Maharshi Dayanand University, Rohtak, Haryana

Under the Scheme of:

Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT)

Department of Higher Education, Ministry of Human Resource Development, Government of India

CHIEF PATRON Prof. Rajbir Singh Hon'ble Vice Chancellor, Maharshi Dayanand University, Rohtak		
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About Maharshi Dayanand University

Established in 1976, Maharshi Dayanand University, Rohtak has put a significant milestone in the development of higher education in Haryana. NAAC Accredited with Grade 'A+', the University has taken long strides over the last 44 years, as it offers 84 undergraduate and postgraduate courses in 39 disciplines and permits pursuit of research in as many areas. The University is currently encouraging interdisciplinary higher education and research to spread knowledge to every strata of the society. It aims at creating a value-based and research-oriented world class learning environment and establishing itself as a centre of distinction. The University adheres to the core values of respect, compassion and social responsibility. In all that it does, it strives for excellence, engagement, integrity and inclusiveness.

About PMMMNMTT

The Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching is envisaged to address comprehensively all issues related to teachers, teaching and professional development. It is a Central Sector Scheme envisaged to address the current and urgent issues such as supply of qualified teachers, attracting talent into teaching profession and raising the quality of teaching in schools and colleges. It is also envisaged that the Teacher Mission would pursue the long term goal of building a strong professional cadre of teachers by setting performance standards and creating top class institutional facilities for innovative teaching and professional development of teachers. Under this mission, a Faculty Development Centre has been set up at Maharshi Dayanand University, Rohtak. This centre is inculcating among teachers the motivation to promote institutional effectiveness through the development of personal, organizational, and professional growth of faculty.

About Faculty Development Programme (FDP)

This proposed faculty Development Programme on “Research Methodology and Data Analysis” aims to develop those research aptitude and data analysis skills among teachers of higher education which are crucial for their personal and professional growth and development. The main emphasis is upon inculcation of required research attitude coupled with necessary knowledge of various research methodologies and approaches needed while conducting research. The novice teachers are acquainted with latest and advanced data collecting tools and data analytics which enables them to enhance effectiveness and efficiency to their research work. Research methodology basically includes various research frameworks, designs, techniques and approaches. Data Analysis is equally important as it equips teachers with knowledge and skill about various data processing tools and techniques, software and methods.

The following sub themes have been selected for this FDP:

Sub-themes:

1. Basic concept of Research and Variables
2. Research Methods
3. Quantitative and Qualitative Research Methods
4. Quantitative Data Analysis Techniques
5. Qualitative Data Analysis Techniques
6. Data Analysis software
7. Tool Construction for Research process

Learning Outcomes of FDP

This proposed Faculty Development Programme has been planned by keeping in mind a set of various research skills and data handling abilities among teachers of higher education institutions. This program may help in best utilization of leisure time adequately available in this period of pandemics by COVID-19. Utilization of this time period through various activities of FDP will certainly add value development and skill enhancement among teachers. Various themes of FDP related to Research Methodology and Data Analysis will assist teachers in their academic and career development. It is also expected out of participant teachers that they will be better inclined and oriented toward these many themes of FDP for their own upliftment. They are well supposed to acquire and instill various skills, values and attitudes related to research, its importance, types, designs and methodologies with operating knowledge of various data processing tools and software.

- Important:**
1. All the instructions will be impaired through Cisco-WebEx platform/ Google meet online.
 2. All Participants require a laptop/ Smartphone with good internet connectivity, microphone with headphone.
 3. Attendance in all the sessions on all days (3 sessions of 90 minutes each) will be mandatory.

Target Participants

This Faculty Development Programme is open to all the faculty members of University/ Colleges/ Institutes of higher education from all disciplines across India. ***There will be intake of only 50 participants for this programme.***

Interested teachers are required to fill a registration form online through Google Form at the link <https://forms.gle/B1kaxY62Z3LUhEiK8> and submit a scanned copy of the application form available at M.D.U., Rohtak website with necessary permission from their institution by email at dd.fdc@mdurohtak.ac.in latest by 17th December, 2020.

Note: There is no registration fee for FDP. Participants are advised to download WebEx Meet App/Google meet on their mobiles from Google Play Store/ Laptop from the official website of WebEx. Attendance in all sessions will be mandatory. Each participant has to submit assignments in this program which is mandatory as per UGC/ MHRD guidelines.

KINDLY PREFER COMMUNICATION THROUGH E-MAIL: dd.fdc@mdurohtak.ac.in

Link for Google form: <https://forms.gle/B1kaxY62Z3LUhEiK8>