

## About University:

Baba Mastnath University, Rohtak, a private self-financed university, blossomed under the aegis of Shri Baba Mastnath Math, Asthal Bohar in 2012 through an Ordinance of the Government of Haryana under Haryana Private Universities Act-2006.



After thorough inspection by an expert panel of UGC members, the University was accorded approval under Section 2(f). With more than 5000 students and around 200+ faculty members, the University offers Under Graduate, Post Graduate and Doctoral Programmes in streams, like Ayurveda(B.A.M.S), Physiotherapy, Nursing, Sciences, Pharmacy, Humanities, Management & Commerce, Law, Naturopathy & Yogic Sciences, Engineering, Education, Mass Media, Computer Sciences, Languages like Hindi, Sanskrit and English, Social Work, Medical and Para-Medical, Pharmacy, Life and Basic Sciences through the above mentioned faculties.



Department of Education, is pleased to invite you and your colleagues to join for a Two Weeks Faculty Development Programme on Research Methodology from 23<sup>rd</sup> Nov. to. 05<sup>th</sup> Dec, 2020. Doing research on a particular topic in a particular

field is quite a complicated process which demands for several skills and a depth of knowledge about Research. Therefore, this two weeks Faculty Development Programme is intended to bring excellence and exploration in research among the aspiring minds. This programme has tried to cover all the different aspects of 'Research Methodology' which may create difficulties and curiosity in the mind of a researcher while and before conducting a research. It is essential for a faculty to keep himself/herself upto date knowledge, therefore, the Faculty Development Programme will definitely be a milestone in resolving their research related problems. It has been found that from the beginning i.e selection of a research problem, there is a gap in collecting data, understanding of information (with its application) and handling the data properly according to the nature of the study and nature of the variables, last but not the least part technically arrange the references etc. this FDP Programme intends to develop some basic ideas of several software packages to analyze data more efficiently and in a user friendly way. This programme will help the participants to get acquainted with the widely accepted and used package SPSS, R and AMOS. So please avail benefit of the following proposed programme and groom your knowledge and skills pertaining to research methods and techniques publications and other aspects.



# BABA MASTNATH UNIVERSITY

Asthal Bohar, Rohtak, NH-10, NCR, Haryana

(Established under Haryana Private Universities Act, 2006 And Recognised by the UGC vide Letter No: F8-14/2012 (CPP-1/PU)

UNIQUE BLEND OF ACADEMICS & SPIRITUALITY

www.bmu.ac.in



Mahant Balaknath Ji Yogi  
Chancellor, BMU

## An Interdisciplinary Two Weeks FDP on Research Methodology & Publication Ethics

From 23<sup>rd</sup> Nov. to 5<sup>th</sup> Dec., 2020

### Chief Patron



Prof. R.S. Pandey  
Honorable VC



Dr. SC Sharma  
Director, IQAC



Dr. Aruna Anchal  
Dean Dept. of Education



Mrs. Anjana Rao  
Dean Administration

Organized By:-  
**Department of Education in  
Association with IQAC**

## Objectives of the Programme:

This Programme is intended to develop research acumen and data analytical skills with

a blend of conceptual learning. The objectives of the programme are as follows:

- » To excel knowledge about selection of a research problem & types of hypotheses
- » To provide directions about ways of review of literature (through primary and secondary sources)
- » Measurement scales of variables, nature and types of sampling techniques.
- » To accelerate the ways and techniques of developing a research tool.
- » To develop potential knowledge about qualitative and quantitative research methodologies and their research designs
- » To provide the platform for discussion on the statistical requirements of research
- » To train and inculcate the skills for data analysis using SPSS, AMOS and 'R'
- » To make the researcher aware about open educational programme.
- » To acquire necessary skills in developing online google forms, quiz and google sheets etc.
- » To create awareness about research ethics & publication

### Who can Register?

\*All the candidates are eligible to be registered with the following programme who are working as a faculty member in any Govt./ Govt. Aided / Private institutes. Research Scholars and those who wants to excel their knowledge in the field of research.

### Schedule of The Programme:

Inaugural Session- 10.30 am on 23-11-2020 till 11.30 am

DAY S	DATE	SESSION-1	SESSION-2
		11.30 am- 1.00 pm	1.45 pm-3.15 pm
1.	23-11-2020 (Monday)	<b>Selection of Research Problem and Types of Hypotheses</b> <b>Speaker: Dr. Aditi Bhatt</b> (Former) Assistant Professor, Oxford College of Education, Mumbai.	<b>Nature of Data and Types of Variables</b> <b>Speaker: Dr. Sushila Sharma</b> Asst. Professor, Dept. of Education, B.M.U. Rohtak.
2.	24-11-2020 (Tuesday)	<b>Literature Review</b> <b>Speaker: Dr. PromilaBatra</b> (Retd.) Former-Head, Department of Psychology, M.D.U, Rohtak.	<b>Sampling Techniques</b> <b>Speaker: Dr.PromilaBatra</b> (Retd.) Former-Head, Department of Psychology, M.D.U, Rohtak.
3.	25-11-2020 (Wednesday)	<b>Qualitative Research:</b> Historical Research and Philosophical Research <b>Speaker: Dr. Ajit Kumar Bohet</b> Assistant Professor, Department of Teacher Training and Non Formal Education (IASE),F/O Education, Jamia Millia Islamia, New Delhi.	<b>Qualitative Research:</b> Ethnography and Phenomenological Research <b>Speaker: Dr. Sandeep Kumar</b> Assistant Professor, Department of Education, Univesity of Delhi, Delhi.
4.	26-11-2020 (Thursday)	<b>Qualitative Analysis:</b> Grounded Theory and Content Analysis <b>Speaker: Dr. B.P Bhardwaj</b> (Former Head), Professor, Department of Education, NCERT, New Delhi	<b>Qualitative Research:</b> Qualitative Research Designs and Case Study <b>Speaker: Dr. Savita Kaushal</b> Associate Professor, Department of Teacher Training and Non Formal Education (IASE),F/O Education, Jamia Millia Islamia, New Delhi.
5.	27-11-2020 (Friday)	<b>Quantitative Research:</b> Experimental Reseach and Research Design <b>Speaker: Dr. Jitender Kumar</b> Head, Department of Education, M.D.U, Rohtak.	<b>Expost-Facto Research,</b> Difference between Field Studies, Field Survey and Field Experiment <b>Speaker: Dr. Shyamashree Sur</b> Assistant Professor & Head, Department of Education, Siddhinath Mahavidyalay, West- Bengal.
6.	28-11-2020 (Saturday)	<b>Introduction to SPSS:</b> Descriptive Statistics, Inferntial-Statistics, Normality, Homoscedacity <b>Parametric Tests:</b> 't'-Test, F-Test and ANOVA, Correlation and Regression (in SPSS with Their Interpretation) <b>Speaker: Dr. Shailesh Kaushal,</b> Assistant Professor, Dept. of Business Administration, University of Lucknow .	<b>Non-Parametric Tests:</b> Chi Square, Kruskal Wallis Test, Mann Whitney U test Sign Test, etc. (in SPSS with Their Interpretation) <b>Speaker: Dr. Shailesh Kaushal,</b> Assistant Professor, Dept. of Business Administration, University of Lucknow .
7.	29-11-2020 (Sunday)	<b>SUNDAY OFF</b>	

8.	30-11-2020 (Monday)	<b>Scale Development</b> <b>Speaker: Dr. Hardeep Joshi</b> Associate Professor, Department of Psychology, K.U. Kurukshetra, Haryana.	<b>Factor Analysis</b> <b>Speaker: Dr. Hardeep Joshi</b> Associate Professor, Department of Psychology, K.U. Kurukshetra, Haryana.
9.	01-12-2020 (Tuesday)	<b>Hands on 'AMOS'</b> <b>Concept of CFA &amp; SEM,</b> Evaluate-Convergent , Discriminant Nomological Validity and Reliability <b>Speaker: Dr. Shailesh Kaushal,</b> Assistant Professor, Department of Business Administration, University of Lucknow.	<b>Hands on 'AMOS'</b> <b>CFA &amp; SEM With Case Study</b> <b>Speaker: Dr. Shailesh Kaushal,</b> Assistant Professor, Department of Business Administration, University of Lucknow.
10.	02-12-2020 (Wednesday)	<b>Construction of an Achievement Test</b> <b>Speaker: Mrs. Manisha Garg</b> Assistant Professor, R.B. College of Education, Jhajjar, Haryana	<b>Hands on 'R'</b> <b>Speaker: Dr.Kamal Kumar Ranga</b> Assistant Professor, Department of Computer Science, Govt. College, Bahadurgarh, Jhajjar, Haryana.
11.	03-12-2020 (Thursday)	<b>Arranging Bibliography in M.S. Word Mendley and Zostero Software.</b> <b>Speaker: Dr. Samiksha Goel</b> Assistant Professor, Department of Computer Science, Hansraj College, University of Delhi, New Delhi.	<b>Writing of an Effective Research Proposal &amp; Research Paper</b> <b>Speaker: Dr.Kamal Kumar Ranga</b> Assistant Professor, Department of Computer Science, Govt. College, Bahadurgarh, Jhajjar, Haryana.
12.	04-12-2020 (Friday)	<b>Open Online Learning Programmes/ Platforms, An Insight into Moodle</b> <b>Speaker: Dr. Samiksha Goel</b> Assistant Professor, Department of Computer Science, Hansraj College, University of Delhi, New Delhi.	<b>Learning of Google Form, Quiz, Google Sheet &amp; Mail Merging</b> <b>Speaker: Dr. Devender Kumar</b> Associate Professor, Department of Computer Science & Application B.M.U, Rohtak, Haryana.
13.	05-12-2020 Saturday	<b>Research Ethics, How to Avoid Plagiarism and Tools For Checking Plagiarism</b> <b>Speaker: Dr. Ram Phool Sharma</b> Dean, Faculty of Management & Commerce, B.M.U, Rohtak, Haryana.	<b>Research Metrics</b> <b>Speaker : Dr. Sapna Bansal</b> Assistant Professor, Head and Deputy Dean, Faculty of Management, Commerce & Computer Science B.M.U, Rohtak, Haryana.

### Assignments and Feedback of Each Session\*

The registered candidates will be given assignments on the basis of daily attended sessions. It is mandatory for all the registered candidates to complete these assignments and submit them to the end of the next day. It is also required to submit the feedback forms of each session. In the case where candidates fail to submit their assignments and feedback form then no e-certificate will be issued to them.

### Mode of Programme: On-line

### Registration Fee:

\*The Registration fee for faculty member will be Rs. 500/- only &

for other candidates Rs. 200/- only

Last Date of Registration: 23-11-2020 (In Morning till 10:00 A.M.)

### Credentials For Fee Payment:

Account Holder Name	S.B.M.N. Institute of Education Training Research.
Bank Name:	Canara Bank
A/C No	2031101005089
IFSC Code	CNRB0002031

Once the payment is done kindly click on the given link and fill the registration form with all the required details: <https://forms.gle/DAAdxAB1nSSL5D928>

Whatsapp Link: <https://chat.whatsapp.com/CEsvmMIqHTBHFZAzb7F53>

For further queries kindly mail to: [bmuedufdp2020@gmail.com](mailto:bmuedufdp2020@gmail.com)

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