National Level

Faculty Development Programme (FDP) *on*

Research Methods and Data Analysis
Using SPSS & AMOS

27th Jan – 1st Feb, 2020

SPSS data analysis

Internal Quality Assurance Cell (IQAC)
Mahatma Jyotiba Phule Rohilkhand University, BAREILLY

In
Association With

QTanalytics™ India, Delhi

About the University

M.J.P. Rohilkhand University was established in 1975 as an affiliating University. It's status was upgraded to affiliating-cum-residential university in 1985 when four teaching Departments were established in the campus. In 1987 three more Departments were added. In August 1997 Rohilkhand University was renamed as Mahatma Jyotiba Phule Rohilkhand University. The University has taken an overall perspective of development plan and thereby modified University status by including new Faculties of Engineering and Technology, Management, Applied Sciences, Education and Allied Sciences etc.

About IQAC

In observance of National Assessment and Accreditation Council (NAAC) guidelines every accredited institution should establish an Internal Quality Assurance Cell (IQAC) to initiate, plan and supervise various activities which are necessary to increase the quality of the education imparted in institutions and colleges. Since quality enhancement is an incessant process, the IQAC will become a part of an institution's system and work towards realizing the goals of quality enrichment and sustenance. The prime responsibility of IQAC is to cultivate a system for conscious, consistent and catalytic progress in the performance of institutions. The IQAC will make a substantial and meaningful contribution in the post-accreditation phase of institutions. During the post-accreditation period, the IQAC will channelize the efforts and measures of an institution towards academic excellence. IQAC established at MJPRU will continue to strive for the betterment of processes and setup.

About QTanalytics™

QTanalytics™ is a statistical consulting, training and education provider with a bright and experienced team of professionals, who consistently strive to achieve a common goal of service excellence. Our team have been helping the clients (India & Overseas) in finding statistical data solutions, both general as well as specialist research services for data processing, reporting & advance analytics with the application of **suitable econometric models.** QTanalytics caters to the need of institutions, students and professionals industries for training in Quantitative analysis with computer software skills on topics **From designing research proposal to setting hypothesis and data analysis and modeling with appropriate procedure on R, SPSS, EXCEL, AMOS, STATA, EVIEWS and SAS software.**

Objectives of the Programme

Research is nothing but search for knowledge or any systematic investigation to establish facts on a related subject. It is about searching systematically for solutions to problems. Statistical Tools helps summarizing the data into quicker and manageable information and quickly decide whether relationships between two or more variables are real ones. To address challenges and opportunities in the field of research new software products SPSS from IBM has enabled academicians and researchers to obtain valuable information from the data. This *Faculty Development Program (FDP)* is aimed at honing the teaching and research skills of faculty, researchers and trainers. It will inculcate confidence in the usage of data analysis tools. Training on Statistical Packages SPSS & AMOS would greatly enhance research and publication skills of the faculty, Research Scholars and others.
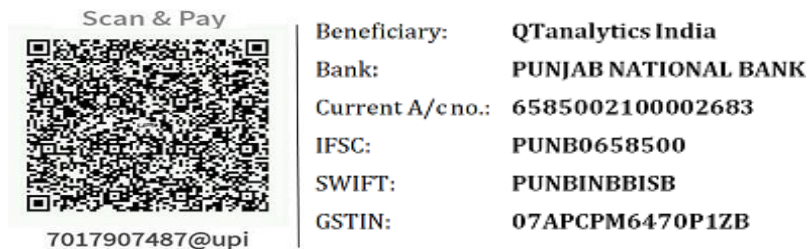
Target Audience

❖ Faculty Members, Academicians and Research Scholars in their respective fields.

Resource Persons

The resource persons are prominent statisticians / scientists / professors / researchers / scholars in the field of statistics and data science. They have an extensive experience with the application of statistical analysis in a research evaluation.

Key Information

❖ *Venue*: Department of Education, **Mahatma Jyotiba Phule Rohilkhand University, Govt. of Uttar Pradesh, BAREILLY**

❖ *Duration:* **One Week (27th Jan - 1st Feb, 2020)**

❖ *Registration*- Online Registration**: [Click here](#) Rs.3500/-**

1) Only limited seats are available, therefore registration shall be made on "first come, first serve" basis. *Please note that no refund of fees shall be made later on.*

2) The participants can bring their own laptop with them.

❖ *Certificate of Participation*- All participants will receive 'Certificate of Participation' after successful completion of the programme.

❖ *Payment Mode*- Registration fees can be paid with using UPI/NEFT/Payment Gateway

Scan & Pay

7017907487@upi

Beneficiary:	QTanalytics India
Bank:	PUNJAB NATIONAL BANK
Current A/c no.:	6585002100002683
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GSTIN:	07APCPM6470P1ZB

Note: Participants are requested to send transaction details (NEFT/UTR) at qtanalyticsindia@gmail.com

Organizing Committee

Patron	**Prof Anil Shukla,** Vice-Chancellor
Advisory Committee	Prof. Nalini Shrivastav, Pro. S.K. Pandey, Prof. A.K. Jetly, Prof. Brijesh Tripathi, Prof. Shyam Bihari Lal, Prof. P.B. Singh, Prof. Sanjay Misra, Prof. Sanjay Garg, Dr. Praveen Tiwari
Coordinator	Dr. Kshama Pandey
Co-Coordinators	Dr. Gaurav Rao & Dr. Neeraj Kumar
Organizing Committee	Dr. S.K. Bedi, Dr. Alok Srivastav, Dr. Vinay Rishiwal, Dr. A.K. Singh, Dr. Abha Trivedi, Ms. Kamini Vishwakarma, Mr. Vimal Kumar

For Further Information Please Contact

Dr. Neeraj Kumar +91-9536950950 , +91-7906334727 iqac@mjpru.ac.in

Internal Quality Assurance Cell (IQAC)
Mahatma Jyotiba Phule Rohilkhand University, BAREILLY

7 Km from the Bareilly railway station
Pilibhit Bye pass road Bareilly 243006, (U.P.) India.
Phone: +91-581-2520487, E-MAIL: info@mjpru.ac.in
Website: http://www.mjpru.ac.in/

Faculty Development Program (FDP)

On

Research Methods and Data Analysis Using SPSS & AMOS

27th Jan – 1st Feb 2020

Program Schedule

Time	9:30 – 1:00 PM Pre-lunch Sessions				1:45 – 5:00 PM Post-lunch Sessions		
Day & Date	9:30 – 11:00 AM	*Tea Break*	11:30 – 01:00 PM	*Lunch Break*	1:45 – 3:15 PM	*Tea Break*	3:30 – 5:00 PM
Monday 27.01.2020	Inaugural & Introduction to Research		Research Design, Data Collection and Sampling Techniques		Writing Research Proposals		Plagiarism & Citation
Tuesday 28.01.2020	Introduction to **SPSS**: Defining variables, cases, handling missing		Basic operation of **SPSS**; Descriptive Analysis;		**SPSS**: Plotting charts		**SPSS**: Practice Session
Wednesday 29.01.2020	**SPSS**: Correlation & Regression-I		**SPSS:** Correlation & Regression-II		Introduction to Parametric and Non-Parametric Tests		**SPSS**: Practice Session
Thursday 30.01.2020	**SPSS**: Testing of Hypothesis (t, F, Z & Chi-square)		**SPSS:** ANOVA, ANCOVA, MANOVA, MANCOVA		**SPSS**: Case Analysis		**SPSS**: Practice Session
Friday 31.01.2020	Structural Equation Modelling **Introduction**		Structural Equation Modelling **Case study**		**AMOS**: Practice Session		**AMOS**: Practice Session
Saturday 01.02.2020	Group presentations by participants		Group presentations by participants		Group presentations by participants		**Valedictory Function**

(Organizing Committee)