

ONE WEEK NATIONAL WORKSHOP 19-25 JAN.2019

ONE WEEK NATIONAL WORKSHOP

ON
"Capacity Building in Statistical Analysis and Interpretation using SPSS"

19th to 25th January, 2019

Dear Sir/Madam
You Are Cordially Invited

To, The Principal / Head Education Department

From :
PRINCIPAL
JYOTI COLLEGE OF MANAGEMENT SCIENCE & TECHNOLOGY, BAREILLY (U.P.) - 243001

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Chairman : J.C.M.S.T., Bareilly

Patron

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Managing Director, J.C.M.S.T., Bareilly

MR. AKHILENDRA SINGH
Deputy Director, J.C.M.S.T., Bareilly

Convener

Dr. Anita Chauhan
(Principal, JCMST)

PROF. RADHA DUA
(Professor, Edu.Deptt.)

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Smt. Uma Gupta
Mr. Ashwani Kumar

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ORGANIZED BY :
JYOTI COLLEGE
OF MANAGEMENT SCIENCE & TECHNOLOGY
(Affiliated to Mahatma Jyotiba Phule Rohilkhand University)

An ISO 9001:2008 Certified Institute
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About the Institution

Established in the year 2000, Jyoti College of Management Science & Technology a unit of Society for Human Education & Development is affiliated with M. J. P. R. University, Bareilly.

JCMST believes in the philosophy of student-centered learning and teaching methodology, thereby emphasizing the importance of a unique combination of learning that is teacher supervised and at the same time is teacher independent. JCMST helps its students to discover the new experience in a dynamic setting. It also equips them to handle threats to opportunities and in producing quality man power equipped with human and social value required to integrate excellent technical skill, social character, leadership, creative & innovation mind for the benefits of mankind & sustainable development of India and to promote unity in the disciplines.

Department of teacher education was started in the year 2005. It possesses good infrastructure having attractive classrooms, well-stocked library and computer labs. A set of well qualified dedicated and experienced faculty members are leading the students towards the frontier of knowledge.

Department of teacher education of Jyoti College is committed towards the progress of society by providing its students the best theoretical knowledge with impressive practical skills. JCMST continuously strives to bring global perspective in all its programs and activities.

About the Workshop

During the last few decades educational environment has become increasingly volatile and complex. The fast evolving educational environment is continuously throwing up new challenges for all its entities, be it at macro or at micro level. In this turbulent scenario, we need to regularly update ourselves and adopt appropriate perspectives and tools to pursue research. These days, the role of research is being recognized even in education for permitting the exposure of real world problems and their possible solutions to the students. Knowledge of new research tools and data analysis strategies is going to occupy an important place in the curriculum of Research Methodology of prestigious institutions. The knowledge of using appropriate techniques of statistical analysis is essential for proper interpretation of results of the research later on. In matter of fact, thinking about statistical analysis does not start with the end of data collection phase. The formulation of research objectives and hypotheses cannot be properly done without giving adequate attention to the statistical tests to be employed for

hypothesis testing later on. The researchers thus need to know the relevant techniques that can be applied, type of data required for applying these techniques, right at the time of developing proposal for their study.

The primary aim of the workshop is to provide participants with insight and skills to conduct relevant statistical analysis that will aid quality decision making and contribute to the body of knowledge in various areas of interest. This workshop will help participants to understand the primary as well as the advanced concepts of statistical analysis with hands-on experience on SPSS. We invite you to join the program!

Objectives of the workshop

- To help the participants in understanding the basic statistical data handling and research issues in social sciences.
- To familiarize the participants with the appropriate statistical tests in view of different research designs.
- To help participants in formulating proper research objectives and hypotheses suitable for various statistical techniques and write interpretation of the output of the tests.
- To provide them hands-on experience of using SPSS for conducting statistical tests, both parametric and non parametric.

RESOURCE PERSONS

- Prof. S.K. Tyagi**
ICSSR SENIOR FELLOW
(FORMER HEAD, DEAN AND CHAIRMAN BOS, EDUCATION)
School of Education (IASE)
Devi Ahilya Vishwavidyalaya Indore (M.P.)
- Prof. Yashpal Singh**
Prof. Deptt. of Education,
MJP Rohilkhand University, Bareilly.

WHO CAN PARTICIPATE

- Any Professor/Faculty/ Researcher of Social science
- The workshop is being conducted on non-residential basis. Residence facility will be provided to the outstation participants on prior request at additional cost.
- Participation fee covers the cost of kit, hi-tea, lunch and course certificate etc.
- Participation fee should be paid by DD drawn in favor of Jyoti College of Management Science and Technology, Bareilly.

Participant Fee

Faculty - 4050/-, Researcher - 3550/-
Last Date of Registration: 10/01/2019

Registration: No spot Registration

- Number of participants would be restricted to 50.
- Registration shall be made on "First come, First Served" basis
- The workshop aims at providing research stimulus to keen learners comprising scholars, academicians and practitioners.
- Refund of fees shall not be possible in any case.

Workshop Schedule

19th to 25th JANUARY 2019 (ONE WEEK)
[LUNCH HOURS: 12:30-14:00 PM]

Date	Session I 10:00 AM-12:00 PM	Session II 12:00-1:30 PM	Session III 14:00-15:30 PM	Session IV 15:30-17:00 PM
19 January	Inaugural Session	Independent t-test Theoretical Considerations (Prof. S. K. Tyagi)	SPSS Practical Demonstration and Interpretation (Prof. Yashpal Singh)	SPSS Practice by Participants (Prof. S. K. Tyagi/ Prof. Yashpal Singh)
20 January	Paired Samples t- test Theoretical Aspects (YPS)	Paired Samples t-test SPSS Practical (SKT)	One way ANOVA- Theory (SKT)	One way ANOVA SPSS Practical-Demo. & Interpretation (YPS)
21 January	One way ANOVA: SPSS Practical Guided Participant Practice (SKT/YPS)	Two way ANOVA Of equal cell size Theory (SKT)	SPSS: Demonstration and Interpretation of Output (YPS)	Two way ANOVA: SPSS Practical Guided Participant Practice (SKT/YPS)
22 January	Two way ANOVA: Unequal cell size (SKT)	Guided Practice of Two way ANOVA of unequal cell size (YPS)	One way ANCOVA: Theory (YPS)	SPSS Practical: One way ANCOVA (SKT)
23 January	Two way ANCOVA (YPS)	Practice by Participants (SKT/YPS)	One Sample Chi Square test: Theory (SKT)	Demonstration and Practice using SPSS (YPS)
24 January	Two sample Chi Square test (YPS)	SPSS Practical: Demonstration and Interpretation (SKT)	Guided Practice by participants (SKT/YPS)	Guided Practice by Participants (SKT/YPS)
25 January	Mann Whitney test (SKT)	SPSS: Demonstration and Interpretation (YPS)	Guided Practice (SKT/YPS)	Concluding Session & Participant Feedback

**INUAGURAL SESSION
WELCOME OF THE EMINENT GUEST BY JCMSTians**



Bouquet presentation to **Prof. N.N.Pandey**, from MJPRU, **Chief Guest** by Dr. Shailendra Singh(Chairman), **Prof. B.R.Kukreti**, from,MJPRU, **Guest Honour** by Mr.D.D.Sharma (M.D.), **Prof. S.K. Tyagi** from D.A. B. University Indore, **Resource Person** by Mr. Akhilendra Singh (D.Director), Mr. Shailendra Singh, Chairman of JCMST by Dr. Anita Chauhan(Principal) from first to forth pic.



Dr. Anita Chauhan(Principal), Dr. Shailendra Singh (Chairman), **Chief Guest** Prof. N.N. Pandey, **Resource Person** Prof. S.K. Tyagi, **Guest of Honour** Prof. B.R. Kukreti and Prof. Radha Dua from left to right.

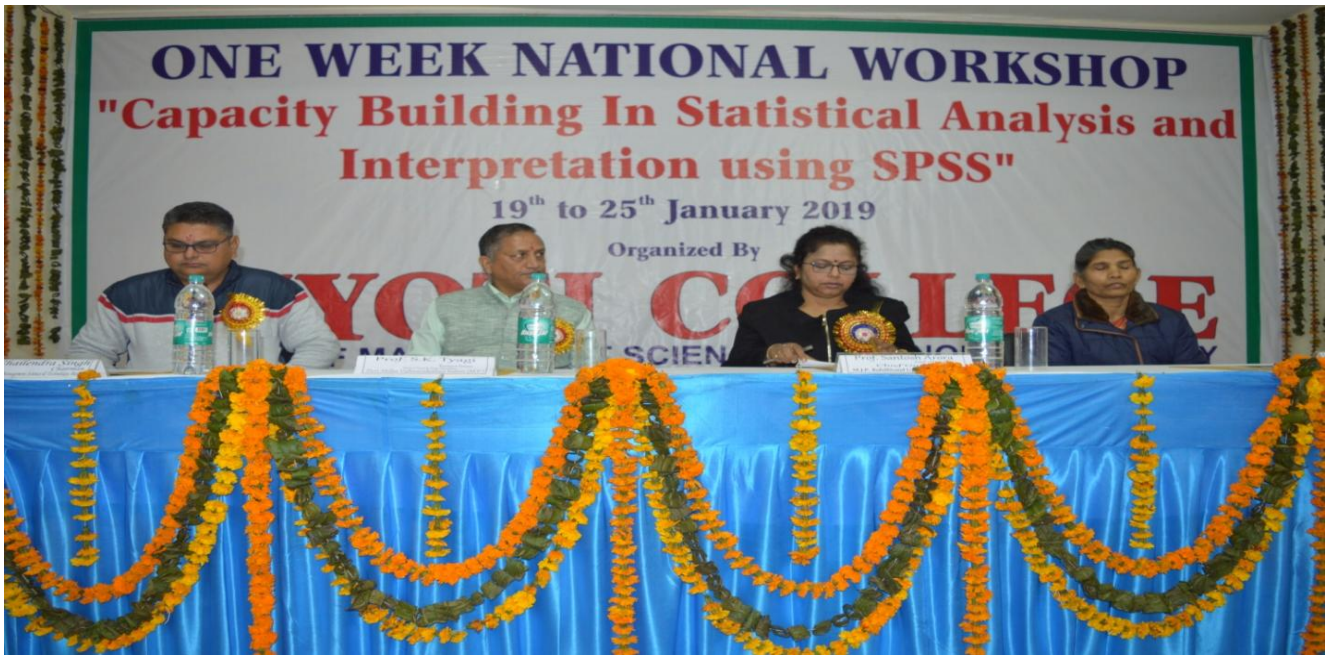


Chief Guest, Prof. N.N. Pandey and Guest of Honour, Prof. B.R. Kukreti, addressing the participants.



Resource Person: Prof. S.K. Tyagi, explaining about SPSS to the participants through PPT in the Computer lab and in the lecture room.

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VALEDICATORY SESSION



Dr. Shailendra Singh (Chairman JCMST), **Resource Person:** Prof. S.K. Tyagi, **Chief Guest:** Prof. Santosh Arora, and Dr. Anita Chauhan (Principal, JCMST) from left to right.



Prof. S.K. Tyagi and Prof. Santosh Arora, addressing the Participants



Memento Presentation to the Guests



Guests and Participants of the National Workshop.