

Seven Days National Workshop on SPSS and Research Methodology

(13th - 20th Dec 2017)

Department of Rural Management
Babasaheb Bhimrao Ambedkar University



LUCKNOW
प्रज्ञा शील करुणा
ESTABLISHED 1996

Focus Area :

- Sampling Methods and Techniques
- Hypothesis Testing
- Introduction to SPSS
- Data Editing & Coding in SPSS
- Data Analysis and predictive modeling through SPSS

Eligibility :

Research Scholars/ Young faculty members of recognized University/Institutions.

Pedagogy :

Lectures and Practical on system in computer Lab as well as laptops to be bought by participants

WELCOME TO THE WORLD OF DATA DRIVEN DECISION MAKING

Research scholars and young faculty always find selecting a sound research domain and methodology challenging. Research requirements of various fields of social sciences are diverse and needs specialized support to select the most appropriate methodology. Moreover, process of instrument design, data collection, analysis and interpretation demands distinctive research acumen and competency. Especially analysis of mammoth data sets demands hands on experience of specialized software like SPSS. The basic aim of the workshop is to help young faculty members and Research Scholars to gain sufficient skills of choosing appropriate methodology and using software tools for data analysis for conducting research in fields of management and Social sciences. Focus will also be laid upon conducting quantitative research through SPSS. The pedagogy is planned in such a manner that participants will not only learn skills to select appropriate design for their research but also gain practical experience on SPSS software. The workshop will equip participants to operate and use SPSS right from maneuvering to using advance tools of SPSS. Young researchers are required to understand the fundamentals as well as learn methods that can bring spark of validity and reliability to their own research work. Intention of planning this workshop is to develop and nurture young researchers so that they can perform their data analysis meticulously by selecting correct techniques.

SPSS

WWW.SPSS.CO.IN

COURSE CONTENT

Day One	Inaugural Program Introduction to Research in Social Science Dimensions of Research and Thought Process
Day Two	Defining research objectives Research Designs Sampling Techniques Variables, Measurement and Scaling Techniques Case abstract
Day Three	Data collection, Editing, coding Navigating through SPSS Tabulation of data in SPSS Case abstract
Day Four	Defining hypothesis and Hypothesis Testing Conducting Parametric test (t, z and ANOVA) Through SPSS Conducting Non Parametric test (Chi Square) through SPSS
Day Five	Analyzing Association and relationship through SPSS Predictive Modeling Through SPSS Case Abstract
Day Six	Data reduction techniques (Factor Analysis) through SPSS SEM through AMOS
Day Seven	Mediation and Moderation Analysis
Valediction	

Fees:

Rs. 3000 (Three Thousand Only) per person for 7 days program. Not including Lodging and Boarding. Lodging could be provided to out station participants in University Hostel on request and on payment of actual charges as applicable under the rates approved by University.

The fees is to be paid offline through draft in favour of "Finance Officer, BBAU, Lucknow or online/Internet banking to Canara Bank, BBAU Branch, Lucknow, Beneficiary Name "SPSSRMWS-2017" SB A/c no. 2900101014065 IFSC code: CNRB0002900. Applicants paying through internet banking must email transaction Slip and present same at time of registration.

Coordinators:

- **SPSS South Asia**

Mr. Sumit Rao

SPSS South Asia
2353/1-4, KK Halli
Bangalore - 560043
Mob # 8105126289
Off # 080 40117347
Email sumith.m@spss.co.in

Venue:

Department of Rural Management, BBAU, Lucknow, UP

Timing: 10 A.M. to 5 P.M.

Number of seats:

40 candidates will be invited to participate in workshop. Selection will be based on first come first serve basis.

- **Your Local Coordinator**

Dr. Ramesh Kumar Chaturvedi

Department of Rural Management
School for Management Studies
BBAU, Lucknow
Mob # 8840437818/ 9336703154
Email rameshkrc@bbau.ac.in

Certification:

Certificate of Participations will be issued to candidates who attend the workshop.

Course Duration:

Seven Days (13th – 20th Dec 2017)



WWW.SPSS.CO.IN

Scheduled Content by Mr. Mithun DJ (SPSS Resource)

	Time	Content
16 Dec	10:00 AM - 11:30 AM	Introduction to SPSS
	11:30 AM - 11:45 AM	Break
	11:45 AM - 1:00 PM	<u>Introduction to Statistics and Data Mining:</u> 1. Measures of central tendency-Mean Median and Mode, 2. Difference between Variance and standard deviation. 3. Detecting Outliers. 4. Data cleaning- Missing value techniques-Linear Interpolation and Trend. 5. Graphs- Boxplot, scatterplot, tables, frequency. 6. Sorting cases 7. Merging Files 8. Restructuring the file. 9. Split file. 10. Computing New Variables.
	1:00 PM - 2:00 PM	Lunch Break
	2:00 PM - 3:00 PM	<u>Parametric Tests:</u> 1. One sample T Test. 2. Independent sample t test. 3. Paired samples T test
	3:00 PM - 3:15 PM	Break
	3:15 PM - 4:30 PM	Question and Answer session. Assignment
	10:00 AM - 11:30 AM	<u>Parametric Tests: (Continued)</u> 1. One way Anova. 2. Two Way Anova. 3. Chi Square Test.
17 Dec	11:30 AM - 11:45 AM	Break
	11:45 AM - 1:00 PM	<u>Non Parametric Tests:</u> 1. Wald Wolfowitz Run Test 2. Mann Whitney Test 3. One Sample Kolmogorov Test 4. Wilcoxon Test 5. Sign Test 6. McNemar Test 7. Kruskal Wallis H Test
	1:00 PM - 2:00 PM	Lunch Break
	2:00 PM - 3:15 PM	<u>Correlation:</u> 1. Pearson's Correlation 2. Spearman's Rank Correlation.
	3:00 PM - 3:15 PM	Break
	3:15 PM - 4:30 PM	Question and Answer session. Assignment

REGISTRATION PROCESS

Registration is open for all participants subject to fulfilment of all eligibility mentioned above. Interested participants need to use the format, get it signed by their appropriate authority and send to address given below or alternatively they can email the scanned copy of the duly filled in format and the hard copy of the same is to be produced on opening day at registration desk. Ph.D. research scholars at advance stage of thesis in all social sciences including business administration and Management are eligible. Selection of participants will be done first come first served basis and decision of selection committee in this regard is final. Intake of participants is initially restricted to 40 in numbers. Duly signed and forwarded application must reach the course director on or before 05/12/2017. Decision on selection will be communicated on 07/12/2017. The application and details can be downloaded from our website www.bbau.ac.in

Chief Patron

Prof. R.C. Sobti, Vice Chancellor
Babasaheb Bhim Rao Ambedkar University, (A Central University)
Lucknow.

Patrons

Prof. Ram Chandra, Dean
School for Management Studies, Babasaheb Bhim Rao Ambedkar University
(A Central University)

Dr. M.S. Khan, Head

Department of Rural Management, School for Management Studies, Babasaheb Bhim Rao Ambedkar University
(A Central University)

Course Convener

Dr. Ramesh Kumar Chaturvedi, Department of Rural Management, School for Management Studies,
Babasaheb Bhim Rao Ambedkar University (A Central University)

Contact Details

Department of Rural Management
School for Management Studies
Babasaheb Bhim Rao Ambedkar University
Mob # 8840437818/9336703154
Email: rameshkrc@bbau.ac.in

PARTICIPATION REGISTRATION FORM

Workshop on
SPSS Research Methodology
13/12/ 2017 To 20/12/2017

**DEPARTMENT OF RURAL MANAGEMENT
BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY
(A CENTRAL UNIVERSITY)
VIDYA VIHAR, RAEBARELI ROAD, LUCKNOW - 226025
ACCREDITED 'A' GRADE BY NAAC IN 2015**

Registration Details

Mr. Ms. Dr. Prof.

Name: _____

Department: _____

University/Institute/ Organisation/Company _____

Address: _____

PIN: _____ District: _____ State: _____

Phone/Mobile: _____ Email ID: _____

Recommendation

Prof./Dr./Mr./Ms. _____ is permitted to attend workshop on SPSS Research Methodology organised by Department of Rural Management, BBAU, Lucknow between 13/12/2017 to 20/12/2017.

Date: _____

Signature with Seal/Stamp: Supervisor /Head of Institution or Department

Registration Fees

Amount Payable: Rs 3000/- (Three Thousand)

Paid through: Net Banking Demand Draft Other

1. Demand draft (In favour of: Finance Officer, BBAU, Lucknow) DD No.: _____ DD Date: _____

2. Net Banking: Canara Bank, BBAU Branch, Lucknow

Beneficiary Name "SPSSRMWS-2017" A/c no. 2900101014065 IFSC code: CNRB0002900

Transaction Number: _____ Date: _____ (Submit Transaction Slip at time of registration)

Declaration

I am Interested to attend the workshop and I will follow rules and regulations of organisers during the workshop.

Date: _____

Signature of Applicant: _____