



School of Management Studies

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY

Kukatpally, Hyderabad-500 085. Andhra Pradesh, India. Office Phone: 91-40-23057111

Fax: 040-23055168; Mobile +91-09346382438

Email: drvmpasad@yahoo.com.sg ; Visit @ www.smsjntu.com r www.jntu.ac.in



Training programme on Research Methodology and Statistical Analysis Using

SPSS 16.0 November 7, 8 & 9, 2008

About the Programme:

School of Management Studies, JNTU in collaboration with SPSS South Asia Pvt. Ltd, Bangalore is organizing a 3 day workshop to familiarize the concepts of research methodology and **SPSS – 16.0** Statistical Package. The objective of the three-day training program is to impart the data analytical capabilities to the faculty, project leaders, business analysts, research scholars, and post graduate students, who want the enhance the quality of their work by using statistics for research. This will also enable to guide/lead research projects. The program was repeated 7 times during 2007-08 and the employees of organizations like ICMR, Infosys, Satyam, Answer Think, Medical Colleges, Market Research Companies and

University departments from India and abroad were the direct beneficiaries.

In view of the importance of SPSS in current scenario, where it has been added in the curriculum of Major Universities, this program is designed to reap maximum benefits out of the SPSS 16.0. **SPSS will provide certificate to all eligible participants.**

Venue:

Conference Hall & Computer Lab, School of Management Studies, JNTU, After Kukatpally Housing Board, Hyderabad-500 085.

About SPSS South Asia:

SPSS is a US \$ 350+ Million, Software Company, head-quartered in Chicago U.S, that has been involved in the Development and sale of statistical and data analysis software for the last thirty one years. “**SPSS 16.0 for Windows**” is a highly interactive, easy to use, windows based statistical tool that is perfectly suitable for accurate data analysis. With a low learning curve, and extremely robust features, SPSS16.0 is the most preferred for research, academic and decision purposes. For more details on SPSS 16.0 please visit at www.spss.co.in.

About SMS JNTU:

School of Management Studies is one of the Schools of excellence established by JNT University in January, 1989 with the following objectives:

- **EDUCATION** - To facilitate the development of skills & attitude relevant to professional management through academic programme.
- **SCHOLARSHIPS** - To encourage spirit of inquiry & criticism for advancing theory and practice of Management through research and publication.
- **SERVICES** - To foster responsible professional management service to organisation and society through consultancy services.

How this will help?

1. Enhance the Analytical Skills for research.
2. Ability to use SPSS 16.0 for project consultancy.
3. Facilitate Research Scholars in completing their thesis.

4. Better MBA / M.Phil/Ph.D project guidance.
5. Work on SPSS-16.0 software for 14 days, with the support of SPSS statistician

Who Should Attend?

The participants to the program could be **Faculty, Research Scholars & PG Students of any discipline, Project Leaders, Business Analysts, Statisticians, and others who want to enhance their Data Analysis Capability.** SPSS 16.0 Software Training is intended to instill confidence in the use of statistics and interpretation of data.

What SPSS Will Provide?

1. SPSS will provide SPSS 16.0 software for evaluation for 14 days.
2. SPSS will provide a statistician, who will take you through the training program.
3. SPSS will provide support on your queries during the evaluation period.

Participation fee:

Rs.5000/ (Rupees Five Thousand Only) has to be paid in favour of Co-ordinator, EDP, SMS, JNTU, Payable at Hyderabad-85. The participation fee includes lunch, tea, dinner, course material, SPSS 16.0(latest) software training, 14 days SPSS 16.0 software evaluation CD.

Accommodation:

Accommodation on twin sharing basis, breakfast, dinner will be provided in the University guest house on additional amount of Rs.1000/-. **Last date:03-11-2008.**

For Details: Dr.V.M.Prasad, Associate Professor & Programme Co-ordinator, School of Management Studies, Jawaharlal Nehru Technological University, Kukatpally, Hyderabad - 500 085. Mobile : 09346382438 or 09949394008 Phone : +91 - 040-23057111. Fax: +91 - 040-23055168.
Email: drvmpasad@yahoo.com.sg visit @ www.smsjntu.com

Program Schedule

| | |
|---|---|
| Day I: <i>November 7, 2008</i> | Overview of Research Methodology and SPSS 16.0. |
| 10-1.30 am (11.30 am tea & 1.30-2.30pm lunch) | Research Methodology and Introduction to SPSS 16.0 Choice of Topic, Introduction, Objectives of the study, Hypotheses, Literature survey, Scope of the study, Sample, Period of the study, Data Collection-Primary Data, Secondary Data, Limitations of the study, Chapterization. Introduction to SPSS 16.0 |
| 2.30 - 5.30pm (3.30 pm tea, 5.30 pm snacks) | Hands on experience of SPSS 16.0: Computer Lab Data entry in SPSS - Data and its types, Selecting a sample, Few statistical techniques for analyzing quantitative and qualitative data. Missing data analysis module, Correspondence analysis. Debriefing Session. Lab will continue for practice till 9pm |
| Day II: <i>November 8, 2008</i> | SPSS 16.0 - Basic Statistical Analysis: Computer Lab |
| 10-5.30 am (11.30 am tea & 1.30-2.30pm lunch, 3.30 pm Tea, 5.30pm snacks) | SPSS16.0-Hands on Experience on Basic Statistical Analysis, Entering data in SPSS, Exporting and Importing Data, Select cases/subsamples, Split File, Merge Cases/files, Creating New Variable(compute functions), Re-code, Visual binning, Data and time Transformations, Graphs(Bar, Pie, Line), Exporting Graphs, OLAP Cubes, Tables. Missing data analysis module. Debriefing Session. Lab will continue for practice till 9pm |
| Day III: <i>November 9, 2008</i> | SPSS 16.0 Applications and case studies: Computer Lab |
| 10-1.30 am (11.30 am tea & 1.30-2.30pm lunch) | Descriptive statistics, frequencies, cross Tabulation, chi-sq. test, exploratory statistics, t-test, ANOVA. |
| 2.30 - 4 pm 4.15 pm to 4.30 pm | Correlation, regression, classification trees, forecasting, Factor Analysis, Cluster Analysis, Discriminant Analysis <i>Valedictory-SPSS16.0 Certificate to all the eligible participants</i> |



Registration form

Training programme on Research Methodology and Statistical Analysis

Using SPSS 16.0 - November 7, 8 & 9, 2008.

1. Name of the participant : _____

Designation, Organization and Address:

Email : _____ Phone: _____

2. Date of Birth : _____

3. Gender : _____

4. Qualifications : _____

5. Name for printing certificate(capitals): _____

6. Do you need accommodation in the guest house : Yes / No (pl. Tick)

7. D.D.No., date and Bank details: _____

(Please write your name & Phone number behind the DD) Participation fee of Rs.5000/- (if you want accommodation Rs.6000/-) should be paid in favour of "**Co-ordinator, EDP, SMS, JNTU**", Payable at Hyderabad. Send your application form along with DD / Cheque (for spot registration pay DD / cash) to the following address:

To

Dr.V.Madhusudhan Prasad

Associate Professor & Programme Co-ordinator

School of Management Studies

Jawaharlal Nehru Technological University

Kukatpally, Hyderabad - 500 085.

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NOTE: Last Date for Registration : 03-11-2008.