

## 3-Days National Workshop on "Quantitative Data Analysis using SPSS" 29<sup>th</sup> -31<sup>st</sup> March, 2016

Organized by the Department of MBA, Kalam Institute of Technology, Berhampur in collaboration with Department of Economics, Berhampur University and SADAN, Bhubaneswar



### About KIT:

Kalam Institute of Technology, a premier technological institute in Odisha started functioning in 2008 to cater the educational requirement of people of South Odisha, especially, of the rural students. It is accredited by AICTE, New Delhi, affiliated to Biju Pattanaik University of Technology, Raurkela, Odisha and certified by ISO-9001-2008.

It has been constantly striving towards achieving progress and expansion during its existence for over Eight Years, in terms of imparting quality education and brainstorming different social and corporate issues. It has been also striving hard and catering the educational needs of students at par with national level institutions.

### About The Department:

The Department of Business Administration was established in the year 2009 at Kalam Institute of Technology. The Department offers M.B.A programme with three specializations namely HRM, Marketing and Finance. The

Students of this Department got placed in various Multi National Companies in India and abroad. Several co-curricular activities such as special lectures, workshops, seminars, and conferences are regularly conducted for the benefit of the students and teaching fraternity. The Department has always been remaining forefront among the students and academicians owing to its unique teaching, learning and evaluation.

### About the Workshop:

Department of MBA, Kalam institute of Technology, Berhampur in collaboration with the Dept. of Economics, Berhampur University, Berhampur and SADAN, Bhubaneswar is going to organize a 3 Days National Workshop on "Quantitative Data Analysis using SPSS" from 29<sup>th</sup> to 31<sup>st</sup> March, 2016.

Data analysis is one of the most crucial steps in research, whether academic or industrial. Moreover, generating data is not a challenging job but understand, interpretation and use of data is remained a tough task for students, researcher, academicians and data users. In view of the above, this capacity building initiative will enable the participants to take the decision at right time, in using right tools and techniques in order to solve these major problems lies around. Statistical Packages for Social Science (SPSS) often provide these scopes to solve these issues.

We at KIT put constant endeavour to improve academic & research skills which has initiated this movement to improve the quality of research. The three-day national workshop on "Quantitative Data Analysis using SPSS" has been designed keeping in view the felt need among students, academicians, researchers, professionals and consultants to strengthen their research and analytical skills.

### Objectives of the Workshop:

The objective of the workshop is to

- Enable the participants to define a research problem and develop a suitable methodology for addressing the key issues

- Address the importance of data analysis in the currents scenario as per market requirement.
- Helps the participants to use various data analysis techniques in research: how to design the study, collect data amenable to such analysis, and the issues involved in coding, editing, analyzing and interpreting the data collected and more.

### PREREQUISITES:

Basic working knowledge of MS-Excel and Analytical thinking

### Programme Schedule:

Day 1	Tuesday 29 <sup>th</sup> March, 2016
Timings	Content
9.30-10.30	Registration
10.30-11.30	Inaugural function and key note address
11.30-1.30	Introduction to SPSS, Why and how to use SPSS? Entering data, variable types, variable labels, value labels, missing values. Transforming data and creating new variables: recode, compute, count. File manipulations: sort file, split file, select cases, merge files. Reading data into SPSS data files from outer sources: excel files & text files. Export tabulated findings from SPSS to Excel and Word Documents Exercises
1.30-2.30	Lunch Break
2.30-4-30	Graphic and Charts, Frequency Table, Stem & leaf displays, Pareto diagram & Cross Tabulation, Exercises
Day 2	Wednesday 30 <sup>th</sup> March, 2016

<b>Timings</b>	<b>Content</b>
<b>10.00-12.00</b>	Uni-variate Analysis: Hypothesis testing, How to select a test, One sample tests, Two independent sample tests, Two related sample tests, k-independent sample tests, K-Related sample tests
<b>12.00-1.30</b>	Chi-square test, T-test, Case study
<b>1.30-2.30</b>	Lunch Break
<b>2.30-4.30</b>	Bi-variate Analysis: Correlation- Simple correlation, Regression-Simple regression, Bi-variate regression, One-way ANNOVA, Two way ANNOVA, Non Parametric test
<b>Day 3</b>	<b>Thursday 31<sup>st</sup> March, 2016</b>
<b>Timings</b>	<b>Content</b>
<b>10.00-12.00</b>	Multivariate Analysis: Multiple regression, Multiple correlation, Exercises Discriminate Analysis, MANOVA, Exercises
<b>12.00-1.30</b>	Conjoint Analysis, Factor Analysis, Cluster Analysis, Exercise
<b>1.30-2.30</b>	<b>Lunch Break</b>
<b>2.30-3.30</b>	Multidimensional Scaling, ANCOVA, MANCOVA, Exercises
<b>3.30-4.30</b>	<b>Valedictory session followed by distribution of certificates</b>

### Registration Details

Interested candidates can apply to Convener, along with duly filled up registration form on before 20 March, 2016. Registration form can also be downloaded from the institute website, <http://www.kit.edu.ac.in/>.

Advanced copy of application may be send to the Convener of the Workshop through mail/hand/Scan. Such application should be followed by hard copy of the application along with registration form.

There are limited 40 seats only. Registration will be done on first come first serve basis.

### Registration fee:

- Rs. 750/- (non-residential) per participant
- Accommodation will also be arranged by the institute on participant's requests and will be charged Rs. 1200/- per day on twin sharing basis for AC accommodation & boarding
- Registration Fees will cover the conference kit, Training reference materials, handouts for the participants, Certificates of the training, Lunch and two times tea and snacks during training periods only.
- Candidates can use their own laptop in the workshop; free trial version of SPSS will be loaded by us on their laptop.
- All payments should be made through pay order/Demand Draft in favour of "Course Coordinator, MBA, Kalam Institute of Technology" payable at Govindapur" sent along with registration form.
- Last date of registration: **20<sup>th</sup> March, 2016**

### Address for Correspondence

**Prof. Umesh Chandra Panigrahi**  
Workshop Convener  
National Level SPSS workshop  
Kalam Institute of Technology  
Govindvihar, Govindpur, Berhampur-  
761003 (Odisha)

## Organizing Committee

### Workshop Patrons

Kanhu Charan Chaudhury  
*Chairman cum Director, KIT*  
Pratap Kumar Panigrahi  
*Vice Chairman, KIT*  
Santosh Kumar Jena  
*Secretary, KIT*

### Workshop Chair

Prof. Devadatta Panda  
*Vice Principal, KIT*

### Workshop Convener

Prof (Dr.) Umesh Chandra Panigrahi  
*Course Coordinator, MBA, KIT*

### Workshop Secretaries

Dr. Santanu Kumar Das  
*Asst Prof, MBA, KIT*  
Mrs. Madhumita Panda  
*Asst Prof, MBA, KIT*  
Mr. Situn Krushna Sahu  
*Asst. Prof, MBA, KIT*

### Workshop Coordinators

Mr. Bijaya Kumar Misra  
*Asst Prof, MBA, KIT*  
Mr. Avinash Panda  
*Asst Prof, MBA, KIT*  
Mr, Susil Kumar Sarangi  
*Asst Prof, MBA, KIT*  
Mr, Kanhu Charan Patra  
*Asst Prof, MBA, KIT*  
Mr. Devi Prasad Misra  
*Asst. Prof. MBA, KIT*  
Dr. Ulash Chandra Satapathy  
*Asso. Prof, MBA, KIT*  
Dr. Himansu Sekhar Tripathy

*Asso. Prof, MBA, KIT*

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## Workshop Advisory Board

- Prof (Dr.) Bhagabat Patro  
*Head, Dept. of Economics, Berhampur University, Berhampur*
- Prof (Dr.) Sudhakar Patra  
*Dept. of Economics, Berhampur University, Berhampur*
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*Chairman, SADAN, Bhubaneswar*

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### REGISTRATION FORM

Name:.....

Designation:.....

Department: .....

Institute: .....

Email ID: .....

Mobile Number: .....

Accommodation Required: .....

Registration Fee Paid: .....

D.D No. and Date: .....

**Demand Draft should be drawn in favor of Course Coordinator, MBA, Kalam Institute of Technology payable at Govindapur.**

**Signature of the Delegate**

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