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Sri S.V.S.M. Razith Kumar
Secretary & Correspondent, KBN College

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Principal, KBN College

Sri J. Panduranga Rao
Director, Academics & Planning

CONVENOR

Sri M. Venkateswara Rao
Head, Dept. of Mathematics & Statistics

CO-CONVENORS

Smt. Ch. Radhika
Lecturer in Statistics

Dr. K. Naveen Kumar
Lecturer, Mathematics

ORGANIZING COMMITTEE

Smt. M. L. Prasanna, Lecturer in Mathematics

Smt. N. Sessa Padmaja, Lecturer in Mathematics

Smt. B. Tharuni, Lecturer in Mathematics

Sri L. Vijay Kumar, Lecturer in Statistics

Sri G. Suryanarayana, Lecturer in Mathematics

Smt. T. Vanama Devi, Lecturer in Mathematics

Sri R. Yogi, Lecturer in Statistics



FOR MORE DETAILS CONTACT: 98669 13402 & 95332 23530



DAY STATE LEVEL WORKSHOP

On

**“Statistical Package for the Social Sciences”
(SPSS)**

5TH – 7TH AUGUST, 2017



Organized by

Department of Mathematics & Statistics

ISO 9001:2008

NAAC 'A' GRADE

**KAKARAPARTI BHAVANARAYANA COLLEGE
(AUTONOMOUS)**

(Sponsored by S.K.P.V.V. Hindu High Schools' Committee)

Kothapeta, Vijayawada – 520 001.

A College with Potential for Excellence (CPE)

All India 92nd Rank in NIRF by MHRD

www.kbncollege.ac.in

ABOUT THE COLLEGE:

Kakaraparti Bhavanarayana College is a vivacious outcome of a century old renowned charitable organization, S.K.P.V.V. Hindu High Schools Society with "Tejaswina Vadheethamasthu" as its motto. Since its inception in 1965 it marked an epoch in innovative education, in an academically and economically impoverished area. The college with heightened social imagination and ardent zeal, shone like a lodestar led innumerable students towards the goal of an illustrious life.

The ever vibrant college grew by leaps and bounds and has evolved with times. It has been adorned with the Autonomous status by the UGC in the year 2010, and received "Best Laboratory", "Best Academic Achievement", "Best Library", 'Best NSS Unit' awards. The College has never rested on its laurels and has been relentlessly raising the bar. It has been reaccredited with 'A' grade by NAAC in 2013, Certified with ISO 9001-2008 which has been (given) for Quality Management Standard and accorded with CPE in 2016 by UGC. In the NIRF Ranking, the college listed for 92nd place in National Level and which stands out to be the acme of academic achievement.

ABOUT THE DEPARTMENT:

The department of Mathematics is one of the oldest department of the college. The faculty members of the department are passionate teachers. The department contributes by conducting various activities towards making learning more enjoyable and practical. We organize mini conferences, Lecture series, Seminars and guest lectures. The department takes pride in its contribution towards the success of its students who are pursuing higher education at premier institutes like TIFR, IIT etc.,. The department leaves no stone unturned to make education process a beautiful experience.

WORKSHOP OUTLINE:

SPSS is a widely used program for statistical analysis in social science. It is also used by market researchers, health researchers, survey companies, government, education researchers, marketing organizations, data miners, and others. The original SPSS manual (Nie, Bent & Hull, 1970) has been described as one of "sociology's most influential books" for allowing ordinary researchers to do their own statistical analysis. In addition to statistical analysis, data management (case selection, file reshaping, creating derived data) and data documentation (a metadata dictionary was stored in the data file) are features of the base software.

Statistics included in the base software:

- Descriptive statistics: Cross tabulation, Frequencies, Descriptive, Explore, Descriptive Ratio Statistics
- Bivariate statistics: Means, t-test, ANOVA, Correlation (bivariate, partial, distances), Nonparametric tests
- Prediction for numerical outcomes: Linear regression
Prediction for identifying groups: Factor analysis, cluster analysis (two-step, K-means, hierarchical), Discriminant.

The many features of SPSS Statistics are accessible via pull-down menus or can be programmed with a proprietary 4GL command syntax language. Command syntax programming has the benefits of reproducible output, simplifying repetitive tasks, and handling complex data manipulations and analyses. Additionally, some complex applications can only be programmed in syntax and are not accessible through the menu structure. The pull-down menu interface also generates command syntax: this can be displayed in the output, although the default settings have to be changed to make the syntax visible to the user. They can also be pasted into a syntax file using the "paste" button present in each menu. Programs can be run interactively or unattended, using the supplied Production Job Facility.

RESOURCE PERSON

Dr. R. Vishnu Vardhan

Asst. Prof. in Statistics

Ramanujan School of Mathematics
Pondicherry University, Pondicherry



REGISTRATION FEE: Rs.300/-
(ONLY FOR STUDENTS)

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3 Day State Level Workshop on

“STATISTICAL PACKAGE FOR THE SOCIAL SCIENCES”

(SPSS)

5th – 7th August, 2017

REGISTRATION FORM

1. Name of the Student: _____

2. Class/ Group: _____

3. College/Institution: _____

4. Address for Correspondence: _____

5. E-mail: _____

6. Mobile No: _____

Signature of the Student