

## About the Resource Person

### DR. R. KASILINGAM

M.B.A., M.Phil, B.L., M.C.A., I.C.W.A, Ph.D., A.C.S, M.L.

Dr. R. Kasilingam. Associate Professor, Department of Management Studies, Pondicherry University has 19 years of teaching experience and 10 years and 5 months of industrial experience. His area of specialization is Finance, Business Analytics and Law. He has published more than 95 papers in recognized National and International Journals and acted as resource person for more than 80 workshop and training programmes in different parts of India. He has also published 4 books.

### Registration

Last Date of Registration : 04-12-2018  
Mode of Registration Mail : jamesvgeorge@shcollege.ac.in  
Mob : 9495427755

### Registration Fee

Faculty Members : Rs 1500  
Research Scholars : Rs.1000  
PG Students : Rs. 500

- The first registered participants will be allowed to participate in the workshop.
- Participants are eligible for duty certificates.
- Participants are requested to bring their laptop for the workshop.

#### Organising Committee

Mrs. Tessa Mary Jose  
Dr. Sajoy P.B.  
Fr. Tomy P.P.  
Dr. Remya Ramachandran  
Mr. Shanmukhadas K .G.  
Miss. Ajna George  
Miss. Maria Tony Philip

#### Workshop Co-ordinator

James V George



## SACRED HEART COLLEGE THEVARA, KOCHI

Kerala, India- 682013

Ph: +91-484 2663380, 4044414, Kerala Fax: +91-484 2663813  
E-Mail:office@shcollege.ac.in, web site: www.shcollege.ac.in

## THREE DAY NATIONAL WORKSHOP ON SPSS

ON 6<sup>TH</sup>, 7<sup>TH</sup> AND 8<sup>TH</sup> OF DECEMBER 2018

*Organised by*

**RESEARCH AND POST GRADUATE DEPARTMENT OF COMMERCE  
SACRED HEART COLLEGE (AUTONOMOUS)  
THEVARA**





Dear Sir/Madam,

The Research and Post Graduate Department of Commerce, Sacred Heart College (Autonomous), Thevara is organizing a three day national workshop on "Statistical Analysis in Social Science Research" on 6th, 7th and 8th (Thursday, Friday and Saturday) of December 2018. We cordially invite the faculty members, research scholars and PG students of your institutions to participate in the workshop.

**Dr. Fr. Johnson X Palackappillil CMI**  
Principal

**Dr. Joseph George**  
HoD, Dept. of Commerce

#### About the College

Sacred Heart College, Kochi, is a premier institution of higher education affiliated to the Mahatma Gandhi University, Kerala, India. Established in 1944 by the Carmelites of Mary Immaculate (CMI). Over the years, the SH college has established itself a frontrunner in the quest for excellence, both in the academic and co-curricular fields. In the year 2000, the college was accredited by the National Accreditation and Assessment Council (NAAC) at the Five Star level, and in 2013 it was reaccredited at the A level.

#### About the Department

The department of Commerce of Sacred Heart College has the distinction of being the pioneer in Commerce education in the state of Kerala. It was one among the three colleges under the Madras University to start the B.Com programme in 1944. The department started the Master's degree programme in Commerce in 1961 and in the year 1998, the department became an approved research centre under MG University Kottayam. Today, it is ranked as one among the top 25 Commerce departments in the country. The department also offers research programmes M. Phil and Ph. D.

#### About the Workshop

Multivariate data analysis and its methodology is an indispensable part of any social science research. The workshop gives special focus on the hands on training of primary data analysis using the statistical package called IBM SPSS Statistics. This workshop covers various statistical tool used for data collection and about the various tests employed to establish the reliability and validity of the collected data for the purpose of analyzing the data to empirically test the hypotheses developed from the literature review in tune with the objectives of the study. Thus this facilitates the researchers to use various statistical tools more effectively in their research works and it will also provide a foundation for learning the Statistical package, SPSS which is widely used among the scholars, academicians, business planners and economists.

#### Target Participants

Academicians, Research Scholars & PG students.

## PROGRAMME SCHEDULE

Venue: Fr. Melesius Seminar Hall

### DAY 1 6<sup>TH</sup> DECEMBER 2018 (THURSDAY)

|                    |  |
|--------------------|--|
| 09.00 am           | Registration   |
| 10.00 am           | <b>Inaugural Session</b>                                       |
| 10.30 am- 11.15 am | Technical Session I  |
| <b>Topic:</b>      | <b>Types of Variables</b>                                      |
| 11.30 am -01.00 pm | Technical Session II   |
| <b>Topic:</b>      | <b>Scales of Measurement</b>                                   |
| 01.45 pm- 03.15 pm | Technical Session III  |
| <b>Topic:</b>      | <b>Introduction to SPSS, Entering and Manipulation of data</b> |
| 03.30 pm -05.00 pm | Technical Session IV   |
| <b>Topic:</b>      | <b>Checking Reliability and Normality of data</b>              |
|                    | <b>Resource Person: Dr. R. Kasilingam</b>                      |

### DAY 2 7<sup>TH</sup> DECEMBER 2018 (FRIDAY)

|                     |   |
|---------------------|---|
| 9.30 am – 11.15 am  | Technical Session I   |
| <b>Topic:</b>       | <b>Usage of various statistical tests based on the nature of data</b> |
| 11.30 am – 01.00 pm | Technical Session II  |
| <b>Topic:</b>       | <b>Descriptive Statistics and Chi-Square test</b>                     |
| 01.45 pm – 03.15 pm | Technical Session III   |
| <b>Topic:</b>       | <b>One sample t test, Independent t test and Paired t test</b>        |
| 03.30 pm – 05.00 pm | Technical Session IV  |
| <b>Topic:</b>       | <b>One way ANOVA, Factorial ANOVA, ANCOVA and MANCOVA</b>             |
|                     | <b>Resource Person: Dr. R. Kasilingam</b>                             |

### DAY 3 8<sup>TH</sup> DECEMBER 2018 (SATURDAY)

|                     |   |
|---------------------|---|
| 9.30 am – 11.15 am  | Technical Session I                                       |
| <b>Topic:</b>       | <b>Exploratory Factor Analysis</b>                        |
| 11.30 am – 01.00 pm | Technical Session II                                      |
| <b>Topic:</b>       | <b>Correlation Analysis and Regression Analysis</b>       |
| 01.45 pm – 03.15 pm | Technical Session III                                     |
| <b>Topic:</b>       | <b>Cluster Analysis and Discriminant Analysis</b>         |
| 03.30 pm – 04.30 pm | Technical Session IV                                      |
| <b>Topic:</b>       | <b>Wilcoxon-Mann-Whitney test and Kruskal Wallis test</b> |
| 04.30 pm- 05.00 pm  | <b>Valedictory Session</b>                                |
|                     | <b>Resource Person: Dr. R. Kasilingam</b>                 |



**DEPARTMENT OF COMMERCE**  
**SACRED HEART COLLEGE (AUTONOMOUS), THEVARA**

**THREE-DAY WORKSHOP ON SPSS**

**06-08 December 2018**

**REPORT:**

Research and Post Graduate department of Commerce organized a three-day workshop on SPSS. The resource person for the workshop was **Dr. R. Kasilingam, Associate Professor, Department of Management Studies, Pondicherry University, Pondicherry**. He was the resource person for more than 80 training programmes on SPSS in different parts of India and abroad.

The workshop was inaugurated by Rev. Dr. Johnson X Palackappillil CMI. Fr. Principal appreciated the department and the co-ordinator Mr. James V George for organizing the workshop. The three day workshop comprised four technical sessions on each day.

The first day started with sessions on fundamentals of SPSS. The discussions on types of variables and scales of measurement have been done. Sessions on introduction to SPSS, entering and manipulations of data, checking reliability and normality of data were delivered by Dr. Kasilingam.

Second day started with a session on usage of various statistical tests based on the nature of data. Further discussion was focused on descriptive statistics and Chi-Square test. There were also demonstrations of different types of t tests.

The final day of the symposium comprised of four technical sessions on exploratory factor analysis, correlation analysis and regression analysis. The participants could do a number of statistical analyses and Dr. Kasilingam clarified the queries on different aspects.

Coordinator James V George proposed the vote of thanks.

**PHOTO:**



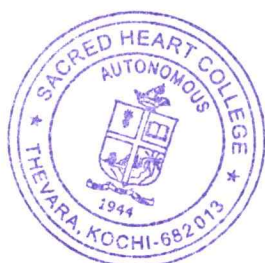
**Technical Session Dr. R Kasilingam in the Three-Day Workshop on SPSS (06/12/2018)**


## THREE-DAY NATIONAL WORKSHOP ON SPSS

06 – 08 December 2018

### LIST OF PARTICIPANTS

| Sl. No. | Name                   | Department |
|---------|------------------------|------------|
| 1.      | Dr. Joseph George      | Commerce   |
| 2.      | Ms. Tessa Mary Jose    | Commerce   |
| 3.      | Dr. Sajoy P B          | Commerce   |
| 4.      | Mr. James V George     | Commerce   |
| 5.      | Fr. Tomy P.P.          | Commerce   |
| 6.      | Dr. Remya Ramachandran | Commerce   |
| 7.      | Mr. Shanmukhadas       | Commerce   |
| 8.      | Ms. Maria Tomy Philip  | Commerce   |
| 9.      | Ms. Ajna George        | Commerce   |
| 10.     | Mr. Sojan T S          | Commerce   |
| 11.     | Dr. Thomas T P         | Commerce   |
| 12.     | Mr. Dominic M M        | Commerce   |
| 13.     | Mr. Johnson John       | Commerce   |
| 14.     | Dr. K T Peter          | Commerce   |
| 15.     | Ms. Priya Renjini S    | Commerce   |
| 16.     | Ms. Priya P S          | Commerce   |
| 17.     | Ms. Anjitha K Nandan   | Commerce   |
| 18.     | Dr. Radhika.P.C        | Commerce   |
| 19.     | Ms. Athira.V.T         | Commerce   |
| 20.     | Ms. Farzana O.I        | Commerce   |
| 21.     | Mr. Bony Mathew        | Commerce   |
| 22.     | Dr. A M Viswambharan   | Commerce   |



  
Dr. Johnson X Palackappillil  
Principal  
Sacred Heart College (Autonomous)  
Thevara, Kochi-682 013