



NATIONAL INSTITUTE OF TECHNOLOGY  
TIRUCHIRAPPALLI

DEPARTMENT OF MANAGEMENT STUDIES



THREE DAYS WORKSHOP ON  
“DATA ANALYSIS USING SPSS & R”  
21, 22 & 23 APRIL, 2017



PROGRAM COORDINATOR

**Dr.N.THAMARAISELVAN**

Associate Professor, DoMS

## ABOUT THE INSTITUTE

The National Institute of Technology (formerly Regional Engineering College) Tiruchirappalli was established as a joint venture of the Government of India and Government of Tamilnadu in 1964 to bring out world-class engineers who will meet the technological needs of the nation. NIT-T has been declared as an institute of national importance by the National Institute of Technology act 2007 by the parliament. NIT, Trichy also won the prestigious CII-AICTE best industry linked institute by competing with other IITs, NITs and IIITs. The institute also received national awards from FICCI for social responsibility and from ASSOCHAM for best institute to use ICT tools in education. The institute also received high-impact entrepreneurship campus award jointly awarded by the ministry of skills development and entrepreneurship. The flexible curriculum designed and implemented by NIT Trichy has been recognised as a model by NIT council.

## ABOUT THE DEPARTMENT

The Department of Management Studies (DoMS), NIT-T since its inception in the year 1978 has served as a management hub for aspiring students and is being recognized as one of the best business schools in the country. The department has earned a remarkable reputation over the years through persistent commitment towards management education and innovation. The research outcomes of this department are highly commendable with many works of the faculty and scholars published in reputed journals indexed in SCI, SCIE, SSCI, ESCI of Thompson Reuters and Scopus.



## ABOUT THE WORKSHOP

In this modern era, the importance of the subject Statistics has been felt in most of the streams related to Sciences, Social Sciences and Engineering due to its wide applications in research through statistical software's. Also, we have new application areas of statistics and established techniques are being applied in new ways and in emerging fields. The value of statistics is strong because they can serve as predictions as well as probabilities in certain trends.

Research in Management and Social Research requires storage and analysis of a large volume of data. A number of software and programming languages such as SPSS and R-language have been developed for this purpose. While a lot of published material is available in different formats such as textbooks and video, awareness about usage of the tools is low. Most researchers still find it a struggle to effectively use the available software. Thus, this workshop aims to impart training in the field of Data analysis using SPSS and R.

## OBJECTIVES

- To make the participants learn to store, manipulate and analyze data using the latest version of SPSS and R.
- To provide hands-on training on Univariate, Bivariate and Multivariate analysis using SPSS and R.



## FOCAL POINTS

- ☐ Measurement and Scaling
- ☐ Data entry, Data manipulation and Data cleaning
- ☐ t-Tests and Chi Square Test
- ☐ Correlation and Regression (Multiple and Logistic)
- ☐ Statistical Analysis and Textual Analysis using R
- ☐ Reliability and Validity
- ☐ Descriptive Statistics
- ☐ ANOVA
- ☐ Factor Analysis and Cluster Analysis
- ☐ Discriminant Analysis

## WHO SHOULD ATTEND

Academicians and Research Scholars who wish to publish their papers in top SSCI and Scopus listed journals in the fields of management, humanities and social sciences.

## REGISTRATION DETAILS

### Fee Details:

| Category                                      | Individual | Group Registration ** |
|-----------------------------------------------|------------|-----------------------|
| Academicians                                  | Rs. 3,500  | Rs. 3,000             |
| Full Time Research Scholars<br>& PG Students* | Rs. 2,500  | Rs. 2,000             |

\*Full time scholars and students must submit a copy of their College ID with the registration form.

\*\*To avail of our Group Concession, 3 or more delegates can register as a group. Each member should fill a separate application form and all forms should be sent in one envelope.

Mode of Payment: Registration fee is to be paid by a DD drawn in favour of "THE DIRECTOR, NATIONAL INSTITUTE OF TECHNOLOGY", payable at SBI, NIT Tiruchirappalli.

Accommodation: Accommodation for the participants will be arranged at a nominal fee in the institute guest house at Rs. 300 per head per day or in the institute hostel at Rs. 125 per head per day for the outstation participants. Normally it will be a twin shared accommodation.

Note: Participants are asked to bring their laptops for effective learning.

**Last date for receipt of Application form and Demand Draft**

**17th April, 2017**

## RESOURCE PERSONS



DR.N.THAMARAISELVAN is an Associate professor in the area of Marketing at National Institute of Technology, Tiruchirappalli. He has conducted many workshops and Faculty Development Programmes in the institute. He has over 60 international publications in peer reviewed referred journals in the field of marketing and has attended international conferences all across the globe. His area of research includes Services Marketing, Cause Related Marketing, Mobile Commerce, Marketing Analytics, Employer Branding etc.

DR.R.KASILINGAM is an Associate professor at School of Management, Pondicherry University, Puducherry. He has over 11 years of industrial experience and 19 years of teaching experience. He has more than 120 publications in peer reviewed referred journals and has attended conferences all across the globe. He is areas of specialization include Finance, Business Analytics and Business Law. He has been a resource person for over 150 MDPs, FPDs, workshops and guest



For latest updates on the workshop, go to [www.nitt.edu](http://www.nitt.edu)

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**Three Days Workshop on Data Analysis Using SPSS and R**  
**21, 22 & 23 April 2017**  
Department of Management Studies  
National Institute of Technology, Tiruchirappalli – 620 015



**REGISTRATION FORM**

Date: \_\_\_\_\_

Name : \_\_\_\_\_

Designation : \_\_\_\_\_

Department : \_\_\_\_\_

Institute/Organization : \_\_\_\_\_

Email : \_\_\_\_\_

Ph. No. : \_\_\_\_\_

Registration : Individual ☐ Group ☐

Category : Academician/Research Scholar/Industrialist

Accommodation Required : Yes ☐ No ☐ if yes, Guest House ☐ Hostel ☐

Demand Draft No. : \_\_\_\_\_ Demand Draft Date : \_\_\_\_\_

Bank Name : \_\_\_\_\_ Amount : \_\_\_\_\_

Signature of the Applicant

Kindly send the registration form and DD to the following address

**Dr. N. Thamaraiselvan**, Associate Professor, Department of Management Studies,  
National Institute of Technology, Tiruchirappalli- 620 015

**Email:** [domsworkshops@outlook.com](mailto:domsworkshops@outlook.com)

For any clarification, contact: **J.Daniel Inbaraj**, Research Scholar, Mob: +91 9677797979