



# **GURU NANAK COLLEGE (AUTONOMOUS)**

(Re-accredited at 'A' Grade by NAAC)  
Affiliated to the University of Madras  
Guru Nanak Salai, Velachery, Chennai – 600 042

## **REPORT**

- 1. Event Title** : Workshop on Discovering & Learning the application of Statistics using MS Excel
- 2. Category** : All Research Scholar and faculty members
- 3. Department** : Guru Nanak Centre for Research (GNCR)
- 4. Date** : 19. 05. 2020
- 5. No. of Participants** : 100
- 6. No. of Resource Person:** Prof. K. Marimuthu, Faculty of Applied Science, 08100 Semelimg, Kedah Darul Aman, Malaysia

### **Report Description**

The Guru Nanak Centre for Research (GNCR) organized one day Workshop on Discovering & Learning the application of Statistics using MS Excel on 19<sup>th</sup> May, 2020 by Dr. J. Jayanthi, Dean Research through Zoom application for Research Scholars and faculty members. Prof. K. Marimuthu, Faculty of Applied Science, 08100 Semelimg, Kedah Darul Aman, Malaysia was the resource person who delivered the presentation about statistic application using MS Excel.

### **Report**

Analysis of data using the statistical packages has become a basic requirement for all researchers and academicians. The MS excel is one of the most common spread sheet available in all MS Office that helps to researchers perform different statistical functional and analytical data. This workshop

was to design to share the different statistical application tools and other inbuilt functions were trained to all the participants by hands on session through ZOOM application.

## Invitation

### Workshop on Discovering & Learning the Application of Statistics Using MS Excel



Date: 19 May 2020 (Tuesday)  
Time 9.00 am to 5.00 pm  
Organized by  
**Guru Nanak Centre for Research**  
**GURU NANAK COLLEGE (AUTONOMOUS) VELACHERY, CHENNAI – 42**



#### ABOUT THE WORKSHOP

Analysis of data using the statistical packages has become a basic requirement in all disciplines of academic research. The MS-Excel is one of the most common spread sheet-based software that helps researchers perform different statistical functions and analyse data. Excel has multiple advanced functions, calculation, charting tools, pivot tables and statistical methods for data analysis and research publications. The in-built statistical functions and tests available in excel enable the user to perform data analysis and data formatting and presentation. This workshop is designed to share the different statistical applications available and other inbuilt function, data formatting in Excel to all the participants through online zoom interactive hands-on session and discussion. Participants will be provided with sample data set for analysis in order to gain confidence and expertise in data analysis using excel and conduct research in their respective subject areas.

#### WORKSHOP FEE

- The registration fee for the workshop is Rs.200 to be paid through NEFT/Google pay/phone pay only.
- Seats are limited. First come first served basis.
- The fee is towards participation for the workshop.
- E certificate will be given to all the registered participants
- Registrations shall be accepted until midnight of 17 May 2020.

#### BANK DETAILS:

ACCOUNT NO : 31036663478  
ACCOUNT NAME: MARIMUTHU K  
BANK : STATE BANK OF INDIA  
BRANCH : PALAYAMKOTTAI  
IFSC CODE : SBIN0001619

#### OBJECTIVES

- Learn how to apply basic function, shortcut applications, and powerful calculations, formatting data using Excel.
- Learn how to visually represent data with Excel Charts and Graphs.
- Learn how to use Excel with Pivot Tables & Pivot Charts.
- Mastering in excel statistical function and data analysis (Descriptive statistics, parametric statistical methods, t- tests, ANOVA, Correlation, Regression) using MS Excel.

#### WHO ALL CAN ATTEND

- Academicians, Researchers, and Post Graduate Research Students from the related areas of Biological Sciences, Social Sciences, Arts & Humanities, Business Management, Medical Science, Engineering sciences.

#### MODE OF COURSE DELIVERY

- Interactive lectures, hands on practical session, and discussion using ZOOM application. The ZOOM meeting ID and password will be sent all registered participants.

#### REQUIREMENTS FOR THE WORKSHOP

- The session will be on hands-on based and interactive.
- Participants must have Desktop/Laptop with good internet speed and necessary data pack.
- Functional Webcam, Microphone & Head phones are Compulsory.
- Participants must have Excel 2016 available in their laptops.

The participants are requested to register online to this link <https://forms.gle/nneX6eAtRGTDtszz7> along with fee payment receipts. Or you can scan the following QR code and submit the form.



#### Organizing Secretary

**DR. J. JAYANTHI M.Sc., M.Phil, PhD**

Dean of Research

Guru Nanak Centre for Research

GURU NANAK COLLEGE (AUTONOMOUS) VELACHERY,

CHENNAI – 42, Tamilnadu

Contact: 9841673952

#### Resource Person

**Professor Dr. K. MARIMUTHU**

Faculty of Applied Sciences, AIMST University

08100 Semeling, Kedah Darul Aman, Malaysia.

*Prof. Marimuthu has been teaching statistics and using SPSS statistical software and Excel for the last 15 years and conducted several sessions of SPSS and Excel workshop and training for researchers and students in Malaysia, India and Sri Lanka.*

# Certificate



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## Certificate of Participation

This is to certify that

FULL NAME

has participated in the **Workshop on Discovering & Learning the Application of Statistics Using MS Excel** held on 19 May 2020, organized by **Guru Nanak Centre for Research, Guru Nanak College (Autonomous) Velachery, Chennai – 42, Tamilnadu**

DR. J. JAYANTHI  
Organizing Secretary  
Dean of Research

Dr. M. G. RAGUNATHAN  
PRINCIPAL

Mr. MANJIT SINGH NAYAR  
GENERAL SECRETARY &  
CORRESPONDENT