

Online Workshop on ‘Quantitative Techniques for Business Research’ (30 hours)

Date: 23/04/2022

The Research Department of Commerce organized a Student Development Programme, which was the second programme to be organized as per the MOU signed between St. Joseph’s College (Autonomous) Irinjalakuda and Nirmala College Muvattupuzha.

The SDP titled ‘Quantitative Techniques for Business Research’ focuses on Nature of Data and Scaling Techniques, Measures of Central Tendency and Dispersion, application of Binomial, Poisson and Normal Distribution , Statistical Inference, Application of significant tests- Parametric and Non Parametric, Chi Square Test and drafting the questionnaire for the purpose of analysis. The workshop is held on the online platform via Google meet.

An informal session was held on 23th April 2022, during which the coordinator of the programme, Dr. Suby Baby of Nirmala College Muvattupuzha welcomed the gathering. The SDP was formally inaugurated by the Dr. G.S Gireeshkumar, Principal, Henry Baker College Melukavu and Research Guide (Nirmala College). The programme was presided over by Prof. A.J Emmanuel, Associate Professor and Head, Nirmala College Muvattupuzha. Ms Amritha Thomas, Assistant Professor of St. Joseph’s College offered felicitations on the occasion. The formal vote of thanks was offered by student representative Ms. Amritha S of Nirmala College. The SDP is attended by 150 participants from colleges across the state. They comprise of students from Calicut University, Kannur University and Mahatma Gandhi University.

The workshop which commenced on 30th April 2022 is of 30 hour duration in which sessions have been arranged every Saturday and Sunday from 9.30 p.m till 10.30 p.m. The resource person for the SDP, CMA Dr. V.P Raju is currently working as Associate Professor in the commerce department at Nirmala College Muvattupuzha. A nominal registration fee of Rs. 300 (including the cost of the study material) per participant is charged for the SDP. Study materials have been distributed to the participants to facilitate easy understanding of the concepts taught. During each class, an interactive session of 15 minutes has been arranged to encourage participants to clear their doubts and express their views. This is a unique programme, the first of the kind to be organized by the department. The workshop ended on 30th September 2022

About the Resource Person:

CMA Dr Raju V P is a qualified Cost Accountant with six years of executive level experience both in Financial Accounting and Cost Accounting with TATA, UB Group and MILMA. He is also a Fellow Member of the Institute of Cost Accountants of India, Calcutta. At present, he has more than 26 years of teaching experience with three aided colleges under M.G. University, Kottayam.



About the Text book (Given as free to the participants):

'QUANTITATIVE TECHNIQUES FOR BUSINESS DECISIONS'

Authored by : CMA Dr. Raju V. P.

Published by : Calicut University Central Co-operative Store Ltd.

No. of pages : 370

MRP : ₹ 230

Content of the text book: It includes Theoretical distribution (56 pages), Statistical Inference (26 pages), All the Parametric Tests (100 pages) and Non-parametric Tests (115 pages) mentioned in 'Content of the course', SQC (22 pages) and a special chapter on how to select a proper hypothesis test (27 pages).

*Registration fees of ₹ 350 includes the cost of the above text book authored by the resource person for Postgraduate students of Commerce. This book will be sent to the participants individually by registered post without charging any amount as extra.



← Scan this QR Code for submitting the Google form of application to attend the programme

(Or) Contact:

Ms. Annmaria Thomas (9061074908)

Ms. Chinju Maria Saibu (9400989229)

(Nirmala College)

Ms. Rose Mary George (8078008841)

Ms. Bhagyalakshmi U B (9605388818)

(St. Joseph's College)

Starts on:

23

APRIL 2022

SATURDAY



Postgraduate & Research Department of Commerce
NIRMALA COLLEGE MUVATTUPUZZHA

&



Postgraduate & Research Department of Commerce
ST. JOSEPH'S COLLEGE (AUTONOMOUS) IRINJALAKUDA

jointly organise
online workshop
of 30 hours on

**QUANTITATIVE TECHNIQUES
FOR BUSINESS RESEARCH**



 Google Meet



(30 hours of Online Workshop)

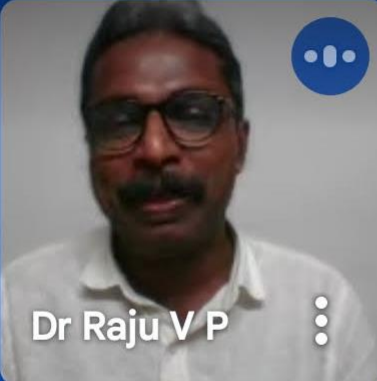
Starts on	: 23 April 2022
Time	: One hour each on Saturdays and Sundays : At night (9.30 pm to 10.30 pm)
Duration	: 30 Days
Focusing area	: Univariate analysis, Bivariate analysis and Inferential Statistics
Resource Person:	CMA Dr. Raju V. P. M.Com., FCMA, Ph.D. Associate Professor (Commerce) Nirmala College Muvattupuzha
Registration Fees	: ₹ 300 (Including the cost of Text book*)

Content of the Course:


- Nature of Data and Scaling Techniques (2 Hrs)
- Applications of Measures of Central Tendency, Measures of Dispersion, Skewness & Kurtosis, Correlation & Regression (2 Hrs)
- Applications of Binomial, Poisson and Normal Distribution (2 Hrs)
- Normal Distribution: Discussion on area, frequency distribution, Mean and SD, Fitting of frequency distribution (2 Hrs)
- Statistical Inference: Discussion on concepts and related terms (2 Hrs)
- Application of Significance Tests (Discussion will be with special importance to the nature of data required for various tests and the situations where the following tests can be applied)
 - a) Parametric Tests: Z Test (Tests of Proportion, Mean and SD), t-Test (One sample, Paired, Independent), Correlation Test, Variance Ratio F-Test One-Way and Two-Way ANOVA) (10 Hrs)
 - b) Nonparametric alternatives for the above tests: Sign Test, Wilcoxon Signed Rank Test (One sample, Matched pairs), Wilcoxon Rank Sum Test, Mann Whitney U Test and Kruskal Wallis Test (5 Hrs)
 - c) χ^2 Test: Goodness of Fit, Test of Independency, Homogeneity (2 Hrs)
- Drafting the questionnaire for the purpose of analysis (2 Hrs).




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Dr Raju V P



Amrutha



Ais...



Emmanuel

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You




Gireesh 43 others




vdi-igbe-gki ▶




Commerce



Nancy




Ais...




Dr Raju V P



Gireesh



Anjali S



You



Aparna 56 others



ST. JOSEPH'S COLLEGE (AUTONOMOUS) IRINJALAKUDA

Thrissur District, Kerala, PIN-680121, www.stjosephs.edu.in

(Affiliated to University of Calicut, Kozhikode, Kerala)

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NIRMALA COLLEGE MUVATTUPUZHA

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(Affiliated to Mahatma Gandhi University, Kottayam, Kerala)

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CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Ms.

attended the online workshop of thirty hours on **Quantitative Techniques for Business Research**, jointly organised by the P. G. and Research Departments of Commerce of Nirmala College Muvattupuzha and St. Joseph's College (Autonomous) Irinjalakuda during the period from 23 April 2022 to 24 September 2022.

Date: 30 September 2022

Dr. Sr. Ligy V. K.
Principal (St. Joseph's College)

Dr. K. V. Thomas
Principal (Nirmala College)