

**Department of Statistics
and Applied Mathematics**

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**CENTRAL UNIVERSITY
OF TAMILNADU**

**NATIONAL WORKSHOP
ON
STATISTICAL COMPUTING
USING R**

Date : 15 – 17 September, 2021
Time : 10 AM – 5 PM

For Registration

<https://forms.gle/2fEWdpKuDAsxbvrX5>

All are Welcome

Topics Covered:

- Introduction to R, Basic Commands, Data Types, Descriptive Statistics, Plot Matrix.
- Random Sampling, PDF and CDF, Quartiles, Strings, Family of Functions, Frequency, Cross Tabulation, Built in Function, Building Web Applications using Shiny Packages.
- Linear Model, T-Test, F-Test, ANOVA, Chi-Square Test, Shapiro-Wilk's Test, KS Test.
- Probability Distributions, Large Sample -Testing of Hypotheses
- Control Statement, Programming, User Defined Functions
- Time Series, Stochastic Models.
- Machine Learning - Classification Techniques.
- Regression, Artificial Neural Networks, SNN.
- Machine Learning - Clustering Techniques.
- Optimisation Techniques.
- Nonparametric Techniques & Statistical Quality Control
- Linear Algebra.

தமிழ்நாடு மத்தியப்
பல்கலைக்கழகம்



CENTRAL
UNIVERSITY OF
TAMIL NADU

तमिलनाडु केन्द्रीय
विश्वविद्यालय

ESTABLISHED BY AN ACT OF PARLIAMENT IN 2009

**National Workshop On Statistical Computing
Using R**

15 - 17 September, 2021

Registration Form

(Please fill the details and send it to fdpstat2021@gmail.com)

Name :

Designation :

Organization :

Address for Correspondence:

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Pin Code :

Mobile No :

WhatsApp no:.....

Email ID :

Date :

Signature:

- Registration fee: NIL