

# **10 days Workshop on Budding Data Analysis Using R**

**20 (Mon) - 29 (Wed) March 2023**

**Organized by**

**Management Studies, North East Christian University, Nagaland**

**Chief Patron**

Prof. Darlando Khathing  
Vice- Chancellor, North East Christian  
University, Nagaland

**Convener**

Dr. Partakson Romun Chiru  
Assistant Professor in Management

**Co-Convener**

Miss. Thounsiniu  
Contract Faculty in Management

**Co-Convener**

Miss. Namsile  
Contract Faculty in Management

**Co-Convener**

Mr. Asosii Daikho  
Research Scholar in Management

## **EVENT REPORT**

Event Category	:	10 Days Workshop
Topic	:	Budding Data Analysis using R
Date	:	20th March to 29th March 2023
Time	:	6.00PM to 7.30 PM
Venue	:	NECU (Online Mode)
Resource Person	:	Dr. Chanchala Jain Assistant professor Prestige Institute of Management & Research Master Trainer & Research Expert
Beneficiaries	:	Faculties, Scholars & Researchers and students
Seat Capacity	:	50

### **About the Workshop**

This 10 days workshop is intended to train participants with basic & advance data analysis skills using 'R' to produce quality research work. The key focal point of the training is to identify the right statistical tools and techniques for different research objectives and carry out data analysis. The participants are expected to learn techniques about data entry and analysis in R. In

Workshop Complete hands-on training methodology will use targeting on 'do how' rather than only 'know how'. The workshop will enable them to analyze & interpret the concerned data through R.

### **Learning Outcomes**

After undergoing this training program, the participants will be able to:

- (a). Understand fundamentals of data analytics, data handling, and related research issues
- (b). Use R software for empirical estimations
- (c). Understand how data analysis can be used in classroom teaching and research publications.

### **Schedule of workshop**

The workshop is **scheduled** from 6.00 pm-7.30 pm from 20 Mar (Mon) to 29th Mar (Wednesday) 2023. However, participants can watch videos at their convenient time (since it is pre-recorded) and give the mock test as per their **Convenient time**. All the instructions, the link of the achievement test, and the link for downloading the Softcopy certificate will be shared through the WhatsApp group only. There will not be any email confirmations. All queries will also be addressed through WhatsApp (M:08729913365) only. Participants can use the WhatsApp group discussion platform for asking any question related to the lectures and all valid questions will be addressed through a video.

### **Program Contents**

20/3/23-Day 1: Introduction to R, Installation of R and R Studio, Data Types

21/3/23-Day 2: Data Structure- Vector, List, Factor

22/3/23-Day 3: Data Structures- Matrix, Array, Data Frame

23/3/23-Day 4: Functions and Packages in R

24/3/23-Day 5: Probabiliy Distribution in R

25/3/23-Day 6: Chi Square Using R

26/3/23-Day 7: T-test Using R

27/3/23- Day 8: ANOVA Using R

28/3/23-Day 9: Correlation and Regression Using R

29/3/23-Day 10: Case studies based discussion using

### **Important**

- Registration is mandatory for participation.
- The participant should score at least 50% aggregate and 75% of attendants to be eligible for the completion certificate.
- Graded certificates on the basis of performance will be awarded to the participants.
- As part of the Ministry of Education's requirement, all participants need to submit online feedback for each session
- **No Objection Certificate (NOC)** or Leave is **NOT REQUIRED** to participate in the Programme
- Failing to meet any of the above conditions will result in the denial of completion certificate.

**Last Date of Registration:** 19/03/2023.

**Result Declaration:** 31/03/2023.

**Distribution of Softcopy certificate:** Within a week time on completion of the program.

### **Registration Cost**

For Students/Research Scholar - Rs. 350.

For Faculty and Non-Faculty - Rs.750

### **Bank details:**

Account name: NORTH EAST CHRISTIAN UNIVERSITY

Account no: 78740100003117

Bank: BANK OF BARODA

IFSC code: BARB0VJDIPU

### **Registration**

Interested person can register for the workshop through the below google form

**Registration Link:** <https://forms.gle/ffYjmr7ZmJCZjDaV6>

**For further information, write to us at**

partaksonchiru@necu.ac.in

**or contact us through WhatsApp**

M: 08729913365, 07628080253, 08415908313