Guru Angad Dev Teaching Learning Centre,
SGTB Khalsa College,
University of Delhi (MoE - under the scheme of PMMMNMTT)

In collaboration with

IQAC & Department of Computer Science

Rajagiri College of Social Sciences (Autonomous)

ONE WEEK NATIONAL ONLINE
FACULTY DEVELOPMENT PROGRAMME
ON

ADVANCED DATA ANALYSIS USING R

Scan Here to Register

📅 19th October, 2021 – 25th October, 2021

Fulfils requirements as per CAS of UGC for promotion
requirements of the teachers

LEARNING OUTCOMES:

- Introduction to Data Analysis
- Understand the basic concepts of Data Analysis using R
- Visualization of Datasets in R
- Understanding Linear and Logistic Regression using R
- Analysis of Time Series data using R
- Perform classification of data using R
- Implementation of clustering techniques in R

ABOUT THE FDP:

- A one-week online Faculty Development Programme on "**Advanced Data Analysis using R**" from 19th October to 25th October 2021
- Organised by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi (MoE - under the scheme of PMMMNMTT)
- In collaboration with IQAC and Department of Computer Science, Rajagiri College of Social Sciences (Autonomous).
- The FDP shall include online and flexible mode and will be equivalent to face to face one-week FDP.
- It fulfils requirement as per CAS of UGC for promotion requirements of the teachers.

REGISTRATION DETAILS:

- Last date of payment/ registration: 18/10/2021 2:00 pm
- Registration Fee: Rs. 700/- (Non-Refundable)
- For registration https://forms.gle/ciSYvsceQFE3NSk46 (First Come, First serve basis)

ELIGIBILITY, TERMS & CONDITIONS:

- Academicians, Researchers, Doctoral Scholars, Professionals and Aspiring Data Scientists with interest in Statistical Data Analytics
- Blended Mode: The sessions would be held online every day from 2.00 P.M to 5.00 P.M.
- The participants are expected to attend the live sessions. However, the recordings of live sessions would be made available in the Learning Management System (LMS) to those who are not able to join the live sessions.
- The feedback and assignments shall be completed on the LMS on a day to day basis.

CERTIFICATES:

- Certificates with Grade shall be issued to all those who successfully complete the daily feedback, assessment and final Quiz in the LMS as per norms (50% or above).
- The certificate of FDP is equivalent to One-week face to face FDP and fulfils requirement as per CAS of UGC for promotion requirements of the teachers

ACCOUNT DETAILS:

Name of Account: Rajagiri College of Social Science
Name of bank: State Bank of India
Account No.:   10447876600
Name of branch: Kalamassery South
IFSC: SBIN0010570

Organising Team

CHAIRMAN, GAD-TCL
Prof. (Dr.) B K Bakhshi
Hon'ble Vice-Chancellor,
PDM University, Haryana

CO-PATRON
Dr. Jaswinder Singh
Principal, SGTB Khalsa College,
DU Director, GAD-TLC of MHRD

NATIONAL COORDINATOR
Dr. Vimal Rarh
Project Head &
Joint Director, GAD-TLC

Prof. (Dr.) Binoy Joseph
Principal Rajagiri College of
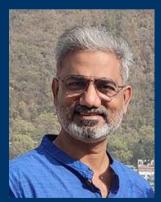Social Sciences (Autonomous),
RCSS, Kochi, Kerala

Dr. Fr. Saju MD
Associate Director &
Vice Principal, RCSS

Dr. Sr. Lizy PJ
IQAC Coordinator
RCSS

Dr. Bindiya M Varghese
Associate Professor and Dean,
Dept. of Computer Science &
Additional IQAC Coordinator,
RCSS

Dr. Arun Julka
Associate Professor
Dept. of Commerce,
Maharaja Agrasen College,
University of Delhi

FACULTY COORDINATOR
Prof. George Joseph
Assistant Professor,
Dept. of Computer Science,
RCSS

For Further Details Contact:
Prof. George Joseph, (Faculty Coordinator)
Email: georgejoseph@rajagiri.edu
Mobile: 9447749517

Programme Schedule

#	Date	Topics
1	Tuesday 19-October-2021	**2:00 to 2:30 pm** • Inauguration **2:30 to 3:30 pm** • Set stage on Data Science - Mr. Bastin Robins. J **3:30 to 5:00 pm** • Data Management Using R - Dr. Dhaval Maheta
2	Wednesday 20-October-2021	**2:00 to 3:30 pm** • Regression Analysis -Dr. Bindu Krishnan **3:30 to 5:00 pm** • Linear & Logistic Regression in R -Dr. Bindu Krishnan
3	Thursday 21-October-2021	**2:00 to 3:30 pm** • Introduction to Data Visualization - Mr. Bastin Robins. J **3:30 to 5:00 pm** • Data Visualization using R - Prof. Sunu Mary Abraham
4	Friday 22-October-2021	**2:00 to 3:30 pm** • Time Series Analysis - Dr. Bindu Krishnan **3:30 to 5:00 pm** • Time Series Analysis in R - Dr. Bindu Krishnan
5	Saturday 23-October-2021	• Assignments
6	Sunday 24-October-2021	• Project
7	Monday 25-October-2021	**2:00 to 3:30 pm** • Supervised Learning using R - Dr. Dhaval Maheta **3:30 to 4:30 pm** • Unsupervised Learning using R - Dr. Dhaval Maheta **4:30 to 5:00 pm** • Valedictory Session • Final Quiz

Resource Persons

Mr. Bastin Robins. J
Chief Data Scientist
CleverInsight, Bangalore

Dr. Dhaval Maheta
Assistant Professor, DBIM,
Veer Narmad
South Gujarat University

Dr. Bindu Krishnan
Professor & Head,
Dept. of Data Science,
Jain University, Kochi, Kerala

Prof. Sunu Mary Abraham
Assistant Professor,
Dept. of Computer Science,
Rajagiri College of Social Sciences
(Autonomous), Kerala