



RAJIV GANDHI UNIVERSITY

Rono Hills: Doimukh
Arunachal Pradesh, India-791112

5 days online Faculty Development Program (FDP)

(Through On-line Mode only)

On

Basics of R Programming

(29 April 2020-03 May 2020)

Department of Computer Science and Engineering, Rajiv Gandhi University is organizing Free certification cum Faculty Development Program on “**Basics of R Programming**” in association with Spoken Tutorial, IIT Bombay for faculty members and research scholars. Spoken Tutorial is an initiative of National Mission on Education through ICT, MHRD, Govt. of India, to promote IT literacy through Open Source Software.

OBJECTIVES

- FDP will be purely in online distance education mode which is highly conducive to learn for the participants to learn from their own residence
- Spoken Tutorial Project, IIT Bombay participation Certificates will be issued to all the participants of FDP
- During the last decade, the momentum coming from both academia and industry has lifted the R programming language to become the single most important tool for computational statistics, visualization and data science. Worldwide, millions of statisticians and data scientists use R to solve their most challenging problems in fields ranging from computational biology to quantitative marketing. R has become the most

popular language for data science and an essential tool for Finance and analytics-driven companies such as Google, Facebook, and LinkedIn

SIGNIFICANCE OF THE PROGRAMME

- The objectives are to provide the faculty with an understanding of R Programming Language and Statistics.
- The learning outcomes include being able to identify R is a programming language and environment commonly used in statistical computing, data analytics and scientific research.
- R is one of the most popular languages used by statisticians, data analysts, researchers and marketers to retrieve, clean, analyze, visualize and present data. Due to its expressive syntax and easy-to-use interface, it has grown in popularity in recent years.
- To bring the participants to the level of depth necessary in the subject matter to achieve the stated objectives.
- To encourage participation in the National Agenda of knowledge building through online distance education mode in the lockdown period due to novel corona virus (COVID-19)

CONTENTS OF THE PROGRAMME

- Why use R? History of R, How to Run R.
- Simple manipulations numbers, vectors Objects modes and attributes
- Arrays and matrices & Lists and data frames & Reading data from files and Database
- Statistical models in R & Writing your own functions

TARGET GROUP

Research scholars , faculty members and industry people in national level.

HIGHLIGHTS

- NO REGISTRATION FEE
- CERTIFICATE OF PARTICIPATION WILL BE GIVEN
- LEARN FROM HOME
- FOR FACULTIES/RESEARCHERS
- TUNED TO SUIT THE RESEARCHERS OF ALL DOMAIN

REGISTER HERE

Interested participants are requested to register here

before 28th April, 2020 (05:00 PM). <https://tinyurl.com/ybezjah4>

PROGRAMME COMMITTEE

CHIEF PATRON
Prof. Saket Kushwaha
Hon'ble Vice-Chancellor, RGU

PATRON

Prof. Amitava Mitra

Pro Vice-Chancellor

Prof. Tomo Riba

Registrar

SECRETARY

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CONVENOR

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ORGANIZING COMMITTEE

- | | |
|---------------------------------|-------------------------------|
| 1. Mr. Ani Taggu | Associate Professor, CSE, RGU |
| 2. Dr. Marpe Sora | Assistant Professor, CSE, RGU |
| 3. Mrs. Bomken Kamdak Bam | Assistant Professor, CSE, RGU |
| 4. Mr. Sikdar Md. Sultan Askari | Assistant Professor, CSE, RGU |
| 5. Mr. Satish Kumar Das | Assistant Professor, CSE, RGU |
| 6. Mr. Bhaskar Jyoti C | Assistant Professor, CSE, RGU |