



Certificate Course on Basics of R Software

Organized By

Department of Statistics,

VPM's B. N. Bandodkar College of Science,
(Autonomous), Thane (W)

Duration of the Course

02nd February 2026 to 14th February 2026
All Days 1:00 pm– 3:00 pm (Tentative)

Mode: Hybrid

Contact:

Mrs. Mohini Kulkarni.

Department of Statistics,
9920498622

Mr. Abhishek Bandivadekar.

Department of Statistics,
9222221477

Dr. Tukaram Navghare.

Department of Statistics,
8470954596

Course Layout

Unit I: Fundamentals of R

Unit II: Descriptive Statistics

Unit III: Probability and Probability Distributions

Unit IV: Correlation Analysis, Linear Regression Analysis, and Curve Fitting

Certification Exam

Final score will be calculated as 25% assignment score + 75% final exam score. Certificate will be given to those who score min. 40% marks.

ABOUT THE COURSE

In this technical era, any scientific task without the knowledge of software is difficult to imagine and complete in the current scenario. Different software packages are available to analyze the data. It is felt that there is a need to well equip the students, teachers and others who are using Statistics and related topics. R is free software that is capable of handling Mathematical and Statistical manipulations. It has its own programming language as well as built in functions to perform any specialized task. We intend to give the basics of R software in this course. Non- Statisticians face the problem of using appropriate Statistical tools, calculations, understanding and interpreting the numerical answers. In order to understand the basic concepts of Statistics, we have organized a Certificate Course on R Software and by completing this Course, students will earn **3 credits**.

Participants should be ready with laptops/Desktop with R software installed.

Registration:

Online Enrollment Form – Click on the link given below for registration:

<https://forms.gle/ZykyX9gLzdWN6Zu39>

The details of Syllabus and Evaluation Scheme is given in below link:

<https://bandodkarcollege.org/wp-content/uploads/2025/04/Basics-of-R-Software.pdf>

(Registrations shall be made on first come, first serve basis)

Registration Fee: The Registration Fees for this course is Rs. 1500 + 18% GST = Rs. 1770. Interested participants can only be confirmed their candidature by paying fees through offline mode in the department of statistics. The fees for the course to be paid in advance. Late registration will not be entertained.