



UGC – Malaviya Mission Teacher Training Centre

in Support with

Department of Statistics

Sardar Patel University

Vallabh Vidyanagar - 388 120, Gujarat



Faculty Development Programme on “Statistical Data Science”

(08-12-2025 to 14-12-2025) (Mode: Offline)



Objectives:

To Educate Faculties on Statistical Data Science.

To provide insight of Statistical Thinking for data.

Experiential (Case study based) Learning of Statistics using various software.

Coverage:

Introduction to Artificial Intelligence, Machine Learning, Data Science, Data types, Descriptive Statistics, Graphical Presentation of Data, Inferential Statistics: t-tests, ANOVA, non-parametric tests, Correlation analysis, simple and multiple regression, binary logistic regression, discriminant analysis, random forest, cluster analysis and factor analysis, Response Surface Methodology. Most of the training on above techniques using MS Excel, R, Python SPSS and MINITAB etc.

Pedagogy:

The pedagogy adopted will be primarily lecture oriented along with presentations, in-class discussions, talks by experts, question-answer sessions. The maximum exposure is given on hands on experience of data analysis using software. The assessment based on either of presentation, assignments, MCQ based test.

Registration Details:

Participants should visit Website: <https://hrdcspu.ac.in/> . Select the course from apply online, and register for the course.

Who can apply:

Faculties of Multidiscipline from Central/State/Private Universities, Colleges & Educational Institutes (including Professors, Associate Professors, Assistant Professors, Ad-hoc Teachers, Lecturers) under section 2(F) of the UGC act or college have been affiliated to a university for at least three years are eligible. Certificate will be issued to those who have attended all the sessions and have qualified the Assessment test.

Mode:

The programme will be conducted in offline mode. The venue of the programme is Sardar Patel University, Vallabh Vidyanagar – 388 120.

Fees:

No Registration Fees

Apply:

Scan QR Code to apply for attending FDP



Prof. Niranjan Patel
Vice Chancellor &
Patron
Sardar Patel University

Dr. Dharmesh P. Raykundaliya
Course Coordinator
Professor & Head, Department of Statistics
Sardar Patel University

Prof. Mitesh Jayswal
Programme Director
UGC-MMTTC
Sardar Patel University

Mr. Hardik A. Pandya
Technical Officer
UGC-MMTTC
Sardar Patel University

For Registration Queries: info@hrdcspu.ac.in

For Registration help contact **UGC-MMTTC-SPU Ph. (02692) 230972**

Note:

1. Minimum 40 and Maximum 50 seats are allowed
2. Last Date for application is before date 01/12/2025 or maximum seats whichever is earlier
3. Accommodation will be provided to the outstation participants.