



DEPARTMENT OF STATISTICS
VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT
(Re- Accredited 'B++' 2.86 CGPA by NAAC)

is organizing
One week (40 hours) National
Faculty Development Program (FDP)
on

Exploring Statistical Techniques
for Research
Using R and JAMOVI

Under PM-USHA (Soft Component)

During 26th Nov. to 2nd Dec. 2025





About Veer Narmad South Gujarat University, Surat

Veer Narmad South Gujarat University (VNSGU) is a prominent public university located in Surat, Gujarat—one of India's fastest-growing cities, renowned for its thriving diamond and textile industries. Established in 1965, the university has consistently aimed to be a center of excellence in higher education, aligning its goals with regional needs and emerging global trends.

Named after the celebrated Gujarati poet Narmadshankar Lalshankar Dave, VNSGU boasts a sprawling campus of over 210 acres. In 2022, the university was re-accredited with a 'B++' grade and a CGPA of 2.86 on a 4-point scale by NAAC. It offers a wide range of academic programs across 12 faculties, catering to approximately 250,000 students through its 27 postgraduate departments and 263 affiliated colleges.

About the Department of Statistics

The Department of Statistics at Veer Narmad South Gujarat University was established in 1970 as a joint Department of Mathematics and Statistics. In 1972, the Mathematics section was separated to form an independent department. In 1996, the department was assigned the responsibility of managing the Computer Science teaching programs (MCA, DCA) as well as the administration of the Central University Computer Centre. Between 1996 and 2003, significant departmental resources and efforts were dedicated to strengthening these Computer Science programs and the Computer Centre, culminating in the university's approval to establish a separate Department of Computer Science from the academic year 2003-04. Building on its commitment to serve society through knowledge, the department

launched a self-financed postgraduate program, M.Sc. (Applied Statistics), in the academic year 2007-08.

Currently, the Department of Statistics offers the following academic programs:

- M. Sc. (Statistics) & Ph. D. (Statistics)
- M. Sc. (Applied Statistics) & Ph. D. (Applied Statistics)

In addition, the department provides several certificate courses, including:

- Python for Statistics - Since Feb. 2022
- Communicative English for Career (CEC) - Since Oct. 2022
- Advanced Excel for Business Analytics - Since May 2023
- Statistical Data Analysis using SPSS - Since May 2023

Proposed outcomes & Justification

The National Faculty Development Program on “Exploring Statistical Techniques for Research Using R and JAMOVI” aims to equip participants with essential statistical skills and tools necessary for conducting rigorous research and data analysis. Upon completion, faculty members and researchers will be proficient in applying statistical methods such as hypothesis testing, regression analysis, ANOVA, factor analysis, non-parametric tests, etc. using R and JAMOVI. These tools will enhance their ability to analyse, interpret, and present data effectively in real-world research scenarios. This FDP will improve the quality of academic research by enabling participants to leverage open-source software for data-driven decision-making and to integrate these statistical techniques into their teaching, fostering greater student engagement and understanding. The hands-on learning approach ensures practical application, making participants competent in using modern statistical methods tailored to the needs of research, thus elevating their research outcomes and scholarly contributions.



Program Overview

This one week National Faculty Development Program (FDP) is designed to offer faculty members and researchers from the various disciplines a comprehensive understanding of statistical techniques essential for research. This 40-hour FDP focuses on the practical application of statistical analysis using R and JAMOVI, combining theoretical knowledge with hands-on learning. It emphasizes quantitative methods for data collection, analysis, and interpretation to support high-quality research.

Target Audience & Selection Criteria

- Faculty members and researchers from diverse academic disciplines who seek to enhance their statistical analysis skills using open-source tools, particularly R and JAMOVI.
- Participants will be selected on a first-come, first-served basis. **Bringing a laptop for hands-on practice during all sessions is mandatory.**

Program Details

Duration: One week (6 working days – 40 hours)

Number of Participants: 50

Mode of Delivery: Classroom-based training with computer lab-oriented hands-on sessions

There is no registration fee for this FDP; however, registration is mandatory

Assessment and Certification

- Participants will be evaluated based on their performance in a capstone project presentation and their active participation in hands-on sessions.
- Certificates will be awarded to those who successfully complete all program requirements.

Accommodation

A limited number of accommodations are available on a first-come, first-served basis for outstation participants, upon prior request. These will be provided within the university campus. Participants who do not secure campus accommodation are kindly requested to make their own stay arrangements.

Transportation

Surat is well connected by rail, road, and air to all major cities and towns. Veer Narmad South Gujarat University is located approximately 11 km from the Surat Railway Station and Central Bus Stand, and about 7 km from Surat Airport. Local transportation, including buses and auto-rickshaws, is readily available for commuting.

Registration

Interested candidates have to fill the following Registration form:

<https://forms.gle/YX5mRY7HFw1yP52T8>

Last Date of Registration: 15th Nov. 2025 (Only 50 seats are available)



PATRON

Dr. Kishorsinh N. Chavda

Vice Chancellor, VNSGU, Surat

CO-PATRON

Dr. Rameshdan C. Gadhvi

Registrar, VNSGU, Surat

PM-USHA COORDINATOR

Dr. Jaydeep Chaudhari

Prof. DBIM, VNSGU, Surat

CONVENER

Dr. Arti J. Rajyaguru

Prof. & Head, Deptt. of Statistics, VNSGU, Surat

ORGANIZING SECRETARY

Dr. Shital S. Patel

Assistant Professor, Deptt. of Statistics, VNSGU, Surat

ORGANIZING COMMITTEE

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Mr. Urvesh Raiyani

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Venue

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Get to Know the Department of Statistics:

<https://www.vnsгу.ac.in/departments/statistics/index.html> ,

<https://www.facebook.com/profile.php?id=100006747195824>

<https://www.instagram.com/statisticsdepartment.vnsгу/> ,

<https://www.vnsгу.ac.in/departments/statistics/testimonials.html>