



VNSGU | VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

A Legacy of Learning: Celebrating 61 Years

M.Sc. (Statistics)

About the Programme:

The **Master of Science (Statistics)** is a two-year full-time postgraduate **Grant-in-Aid (GIA)** programme offered by the Department of Statistics under the Faculty of Science, Veer Narmad South Gujarat University, Surat. The University has been successfully running this programme since **1969**, maintaining a strong academic tradition in statistical education and research.

The programme is designed to provide a strong foundation in **statistical theory, probability, inference, and advanced statistical methods**, along with exposure to modern computational and data-analytic techniques. It aims to develop analytical thinking, quantitative reasoning, and problem-solving abilities required for professional statistical practice and research.

The curriculum integrates theoretical learning with practical applications and computational training, enabling students to apply statistical methods to real-life problems in industry, government, research organisations, and academia. The programme also prepares students for higher studies, competitive examinations, and research careers in statistics and allied fields.

Being a **Grant-in-Aid programme**, it provides quality postgraduate education in Statistics at a subsidized fee structure while maintaining high academic standards and research orientation.

The success stories and achievements of the alumni of this programme may be viewed on the University website at: <https://www.vnsgu.ac.in/department/517#>

Key Highlights

- ❖ Strong foundation in Statistical Theory and Applications
- ❖ Training in R, Python, Excel, JAMOSI, and C Programming
- ❖ Industry-oriented project work
- ❖ Guest lectures by experts and alumni
- ❖ Research-driven academic environment
- ❖ Career guidance and placement assistance

Programme Details:

- Duration: 2 Years (4 Semesters)
- Intake Capacity: 38 Students
- Admission based on Merit and/or University Entrance Test
- Reservation as per Government of Gujarat norms

Eligibility:

1. A Student is eligible for the M.Sc. (statistics) program under the Faculty of Science if Statistics/Applied Statistics/ Data Science/ Data Analytics has been studied as a major/ principal, or Mathematics as a major/ principal subject and Statistics/ Applied Statistics/ Data Science/ Data Analytics as a minor/ subsidiary in the B.Sc. Program.
2. Admission will be based on the student's performance in the B.Sc. Program. Regardless of the major/ principal or minor/ subsidiary subject/ discipline chosen in the UG program, a student is eligible for admission to the M.Sc. (Statistics) program under the Faculty of Science if they qualify the university-level entrance examination, provided that there are available seats after the admissions based on the criteria in point (1). Admission will be based on the student's performance in the university-level entrance examination.





 **Date of Second Entrance Test will be Declare Soon**

 Syllabus for Entrance Test:

https://drive.google.com/file/d/11I4mPekAGIteCx_cBVL4RD0yGUAr84qU/view?usp=sharing

Objectives of the Programme:

The core objective of the programme is to prepare the students to be capable of doing any kind and every kind of data analysis and to be helpful to the society and academia by providing an outstanding environment of teaching and research in the core and emerging areas of the discipline.

-  To promote application of statistics across diverse domains
-  To develop analytical, computational, and decision-making skills
-  To prepare students for research and professional careers
-  To enhance problem-solving and communication abilities

Career Opportunities:

Graduates of the programme have wide career prospects in government, industry, research organizations, and the analytics sector. They may pursue professional roles such as:

Job Profiles:

- Data Analyst
- Data Scientist
- Research Officer
- Research Assistant
- Statistical Assistant
- Biostatistician
- Statistical Consultant
- Data Analytics Professional
- Business Analyst
- Quality Control Analyst
- Market Research Analyst
- Software/Analytics Professional
- Teaching and Academic Research

Employment Sectors:

- Industries and Corporate Sector
- Pharmaceutical Companies
- Banking and Insurance Sector
- Medical Research Institutes and Health Agencies
- Government and Semi-Government Organizations
- Statistical and Economic Research Organizations
- IT, Software and Analytics Industry
- Educational Institutions and Universities



Infrastructure & Facilities:

- ✚ A well-equipped Computer Laboratory with 50 PCs in LAN
- ✚ Audio-Visual Teaching Facilities
- ✚ Departmental Library with 1200+ books
- ✚ Research Lab for Ph.D. Scholars
- ✚ Hostel Facilities (Boys & Girls)
- ✚ NAMO Wi-Fi Campus Connectivity

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For Admission Link: Keep visiting GCAS portal for latest link

If you are interested in this programme, fill up the following Google form:

Link:https://docs.google.com/forms/d/e/1FAIpQLSd44_gtih_qVeFxq5VWI_M1KkyVLYadaLhhYla15YJlnFL9aFg/viewform?usp=header

QR code:



For More Information:

Department website	Facebook Page	Instagram Page	Career in Statistics
