



VNSGU | VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

A Legacy of Learning: Celebrating 61 Years

M.Sc. (Applied Statistics)

A Proposed Self-Financed Postgraduate Programme

About the Programme:

The Master of Science (Applied Statistics) is a two-year full-time postgraduate programme designed to provide rigorous training in statistical theory, computational techniques, and real-world applications. The programme integrates classroom learning, case studies, industry exposure, and project-based training to prepare students for professional and research careers.

The programme has been successfully running since the academic year 2007–2008 as a Higher Payment Programme of the University. However, as the fees had not been revised for the last 12–14 years, the University has been facing financial constraints in continuing the programme under the same structure. Therefore, in order to sustain and further strengthen this academically important programme, it has been proposed to convert the programme into a Self-Financed Programme, and the necessary administrative process for the same is currently in progress.

The programme has produced a large number of successful alumni who are well placed in academia, industry, research organizations, and the analytics sector across India and abroad.

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, JAMOVI, 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: 50 Students
- Admission based on Merit and/or University Entrance Test
- Reservation as per Government of Gujarat norms

Eligibility:

1. Students who have studied Statistics/ Applied Statistics/ Data Science/ Data Analytics as either a major/ principal or minor/ subsidiary subject in their undergraduate program are eligible for the M.Sc. (Applied Statistics) program under the Faculty of Science. Admission will be based on the student's performance in the undergraduate program.
2. Regardless of the major/ principal or minor/ subsidiary subject/ discipline chosen in the Undergraduate program, students are eligible for admission to the M.Sc. (Applied Statistics) program under the Faculty of Science if they qualify the university-level entrance examination, provided there are available seats after the admissions under the criteria outlined in (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/11HrxbN5M0eCddJujTi0u353p5uSNNA6n/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

Contact Information:

Dr. Arti J. Rajyaguru

Professor & Head,
Department of Statistics,
Veer Narmad South Gujarat University
Udhana–Magdalla Road, Surat – 395007
Phone: 0261-2203110
Email: hod.dst@vnsgu.ac.in |
office.dst@vnsgu.ac.in

Dr. R. C. Gadhavi

Registrar
Veer Narmad South Gujarat University
Udhana–Magdalla Road, Surat – 395007
Phone: +91 (0261) 2388888
Email: registrar@vnsgu.ac.in |
info@vnsgu.ac.in

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/1FAIpQLSckA3KaNeefqcRYskF22pNnfnShz6gHK2Ir8eN4-3FCAbKig/viewform?usp=sharing&ouid=111977988221830939799>

QR code:



For More Information:

Department website	Facebook Page	Instagram Page	Career in Statistics
	