VEER NARMAD SOUTH GUJARAT UNIVERSITY

SURAT, GUJARAT

DEPARTMENT OF PHYSICS

PLACEMENT BROCHURE

2026–27

CONNECTING PHYSICS TALENT WITH INDUSTRY, RESEARCH & INNOVATION

A concise introduction to our academic strengths, technical capabilities and opportunities for collaboration.

Department website: https://www.vnsgu.ac.in/

01 | About the University

Veer Narmad South Gujarat University (VNSGU), located in Surat, Gujarat, is a higher-education institution serving the academic and research needs of the region. This brochure introduces the Department of Physics to employers, research organisations and collaborators.

About the Department

The Department of Physics supports advanced learning in fundamental and applied physics through coursework, laboratory practice and research-oriented activities. Students develop a foundation in physical principles, quantitative analysis, experimental methods and scientific problem-solving.

OUR FOCUS	OUR PARTNERS
• Strong physics fundamentals • Experimental and analytical skills • Research and innovation mindset	• Employers and industry • Research laboratories • Higher-education institutions

Vision and Mission

VISION	Provides quality education which makes one ready to face the Challenges in the emerging "knowledge era", to build foundation For excellence by igniting and nurturing young minds.
MISSION	The department provides a full spectra of courses coupled with mentoring and opportunities. The department provides courses that enhance their skills and their appreciation for science, to encourage and guide graduate students and enable them to transform into an organized physicist with knowledge core competence, ethics, ability and right attitude.

02 | Academic Programmes

Programme	Eligibility / Entry	Duration
M.Sc. Physics	Graduation in Science with Physics or its equivalent or Allied subject	2 yrs.
M.Sc. Electronics	Graduation in Science with Electronics or its equivalent or Allied subject	2 yrs.
Ph.D. Physics	M.Sc. Physics + (PET/ GATE/ GSET/ NET)	Min. 3 yrs.

Core Knowledge and Transferable Skills

Physics & Technical	Professional
• Classical and modern physics • Mathematical and computational methods • Experimental measurements • Data analysis and interpretation • Instrumentation	• Critical thinking • Structured problem-solving • Technical reporting • Teamwork and collaboration • Presentation and communication

Research Areas: Materials science, Condensed Matter Physics, Computational Physics.

Memorandum of Understanding (MoU):

The Department of Physics has recently signed a Memorandum of Understanding (MoU) with Quad Quantum Pvt. Ltd., a semiconductor chip manufacturing company, to promote industry–academia collaboration and provide students with practical exposure to the semiconductor industry.

As part of this initiative, two students from the Department of Physics successfully completed their internships at the company during the summer vacation, gaining valuable industry experience and practical insights into the field of semiconductors.

Competitive Examination Achievements:

Students of the Department of Physics have demonstrated commendable academic performance by qualifying in competitive examinations such as the **GSET (Gujarat State Eligibility Test)** and **UGC-NET (National Eligibility Test)**. These achievements reflect their subject knowledge, dedication, and commitment to academic excellence, opening pathways to teaching and research careers.

03| Career Pathways

Physics graduates can build careers across technical, analytical, research and education-oriented settings. Actual eligibility depends on the employer's role requirements and the candidate's qualifications.

Sector	Illustrative roles / work areas
Materials & manufacturing	Quality testing, materials analysis, process support
Instrumentation & electronics	Testing, calibration, measurement and technical support
Energy & environment	Testing, monitoring, materials and energy-related projects
Research & laboratories	Project assistant roles, experimental support, data analysis
IT & data-related roles	Scientific computing, data processing, analytical roles where qualified
Education & science communication	Teaching pathways subject to required qualifications, outreach and communication

Why Engage with Our Department?

- Meet candidates with a foundation in physics and quantitative reasoning.
- Explore internships, dissertation projects and industry-defined student projects.
- Discuss guest lectures, technical workshops and collaborative research.
- Share role requirements early so students can prepare relevant skills.

Placement Record:

PLACEMENT & CAREER PROGRESSION Department of Physics		
40+  Teaching Field	10+  Industries	5+  Research & Projects
Combined figures for 2022 to 2026		

04 | Recruitment & Collaboration

We invite employers, industries, laboratories and research organisations to connect with the Department of Physics at VNSGU.

For Employers	For Research & Academic Partners
• Share job descriptions and eligibility criteria • Explore campus interviews • Offer internships and projects • Discuss technical skill needs	• Propose joint projects • Offer seminars and workshops • Explore student dissertations • Discuss access to expertise and facilities

Recruitment Process

1. Employer shares role details, eligibility, location and selection process.
2. Department circulates the opportunity to eligible students.

Contact the Department

Department	Department of Physics, Veer Narmad South Gujarat University
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LET'S BUILD OPPORTUNITIES THROUGH SCIENCE, SKILL AND COLLABORATION.