



Department of Physics

SHRI GOVIND GURU UNIVERSITY,
VINZOL-GODHRA

About the Department

- The Department of Physics at Shri Govind Guru University is dedicated to developing future professionals and physicists with a solid understanding of the rapidly evolving fields of physics.
- The Department emphasizes hands-on application learning through a variety of projects, research-oriented modules, industry visits and research-oriented project like problem-solving, analytical thinking, logical reasoning, research skill and prepare them to enter research, academic and Industry confidently and make a mark.
- The department of Physics offers M. Sc. through 4 semesters Choice Based Credit System (CBCS) with Twelve core papers (compulsory courses) and Six Elective papers (based on four specializations of Electronics, Nuclear Physics, Space Physics and Materials Science and Condensed Matter Physics) in the M. Sc.
- Physics Course offer good diversity and further professional and research opportunities to students. Also, department of Physics offers Ph. D. Course as per UGC regulations.

Programs Offered

M.Sc. Physics

The M.Sc. degree in Physics is Programme that combines theoretical and applied knowledge of core and applied physics, electronics, optics, mathematics, and photonics. This degree, provides hands-on training in quantum mechanics, electrodynamics, computational physics, nuclear physics, optics, lasers, optoelectronics, nanotechnology and other subjects.

The Department also provides training for a career in research and academia through dedicated sessions on research paper and proposal writing, as well as qualifying for the NET and SET exams.

Students' overall development is ensured by a variety of MOOCs, professional electives, hands-on projects, and immersion Programmes. Students pursuing the degree can make successful careers in the domains of core physics and Nano science.

Eligibility:

Students who have completed their Bachelor of Science in Physics from any recognized university with a minimum of 55 percent are eligible to apply for this programme.

Ph.D. in Physics

The PhD programme will have a minimum duration of three years, including coursework, and a maximum duration of six (6) years from the date of admission to the programme.

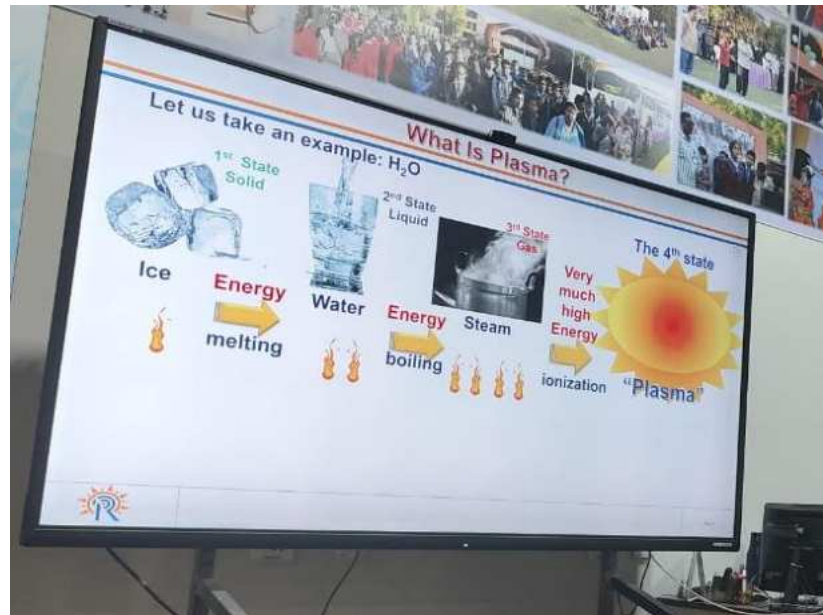
Eligibility: CSIR NET/GSET

Key Features

- **Teaching and Learning Activities:-** Regular classroom sessions with problem-solving discussions. Hands-on experiments to strengthen theoretical concepts. Encouraging students to work on research-based mini-projects. Enhancing conceptual understanding through technology.
- **Research & Development Activities:-** Encouraging students to work on research topics. Organizing expert talks on emerging physics fields. Partnerships with other universities and industries. Providing exposure to real-world applications of physics.
- **Co-Curricular & Extracurricular Activities:-** Organizing quizzes, debates, and science fairs. Bringing experts to share knowledge on advanced topics. Displaying innovative physics experiments and projects. Engaging schools and communities with physics demonstrations.
- **Skill Development & Career Guidance:-** Workshops on computational physics, programming, and data analysis. Preparing students for academia and industry roles. Helping students with higher studies and job opportunities.

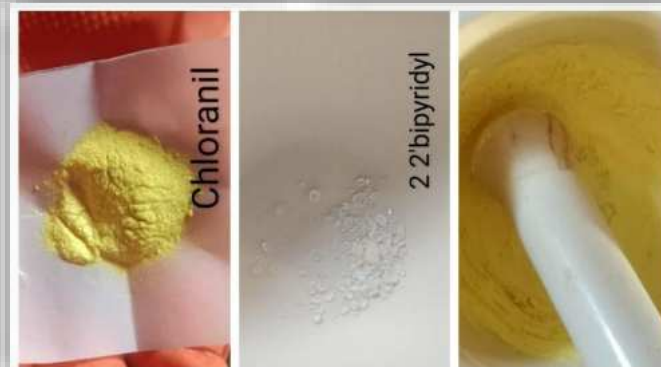
Co-curricular Activity

Educational Tour



Extension Work

Dissertation Project



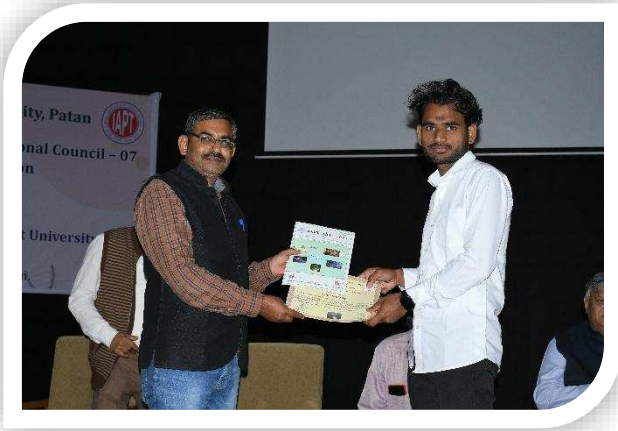
Extension Work

Seminar & Teaching Skills



Academic Achievements

IAPT AWARDED



Salman Luhar
M.Sc. Sem IV



Vaibhav Bhura
M.Sc. Sem IV

M.Sc. Research

- 16 Students Completed their M.Sc. Dissertation

Ph.D. Scholars

- 16 Students have Pursuing their Ph.D.
- 2 Students Awarded Ph.D. Degree

Faculty Members



Dr. Maunik Jani

Associate Professor and Head



Dr. Rahul Shah

Assistant Professor



Dr. Vishva Jain

Assistant Professor



Mr. Dhaval Khant

Assistant Professor



Mr. Mehul Patel

Assistant Professor



Google Forms

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pL8](https://forms.gle/GmdneeKNkQKiVvpL8)

Copy the link and fill up
the form for admission



Admission M.Sc. Physics, SGGU
2025-26

WhatsApp group



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Admissions Open
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