

Department of Physics

Our program is led by a esteemed faculty with extensive experience in Physics. State-of-Art laboratories enable hands-on experience, fostering strong research skills. Students engage in experiments, data analysis, and assessments. We prioritize practical learning through visits to eminent research institutes and field excursions. Faculty encourage students to engage in critical thinking, specifically on curriculum-based topics.

Beyond academics, our focus includes instilling values of social responsibility, ethics, and diversity in Physics.

Research Centre

We offer doctoral research programs for highly motivated students looking to pursue a career in Science. Our faculty collaborates with scientists in other organizations like BARC, TIFR, IIT-B which allow them to have access to major instrumental facilities for their research programs.



Activities

- Inter-collegiate Science Tech Fest “Einsteinium-99: An Element of Physics”
- Enriching Seminars by eminent Scientists/Academicians
- Regular Industry Visits
- Lectures by Visiting Scientists
- Internships
- Certificate Courses
- Fostering scientific-social growth amongst the students
- Career Guidance

Intercollegiate Science TechFest Einsteinium 99



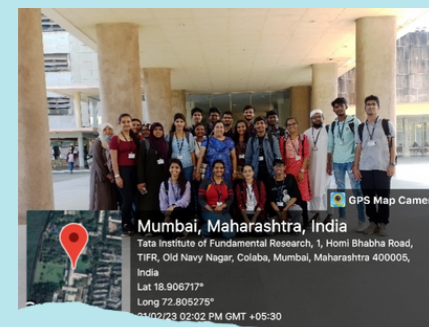
Highlights

- Unique program with high demand
- Hands-on practice in research – conduction of various aspects of research across the years
- Industry-academia interface – guest lectures and internships
- Enriched Experiential learning – practicals, guest lectures, and innovative teaching-learning experiences
- Short-term/Add-on courses – regularly introduced (e.g., Astronomy and Astrophysics etc.)
- Better future academic prospects, especially to apply for PhD programs

Eminent Scientists from BARC and TIFR



Study Visit to TIFR



New Education Policy

Salient Features :

- New Curricular and Pedagogical Structure
- Students can offer electives of other faculties/streams
- Robust curricular and extra-curricular activities between vocational and academic streams.

Program modules

- Classical Mechanics
- Quantum Mechanics
- Electrodynamics
- Nuclear Physics
- Statistical Physics
- Mathematical Physics
- Solid State Physics
- Atomic and Molecular Physics
- Experimental Physics
- Accelerator Physics
- Signals and Systems
- Microwave Electronics
- Advanced Communication Systems
- Signal Modulation and Communication Network
- Research Project
- On-job training

Contact us

SVKM's Mithibai College of Arts, Chauhan
Institute of Science & Amrutben Jivanlal
College of Commerce and Economics
Bhaktivedanta Swami Marg, Gulmohar Road,
Suvarna Nagar, Vile Parle (W), Mumbai,
Maharashtra 400056
02242339000

Training & Placement

Training and placement programs are crucial for Physics students. They provide practical experiences that supplements theoretical knowledge. These initiatives refine communication, empathy, counseling, and problem-solving skills, enhancing readiness for diverse career paths. Students establish professional networks which cultivate confidence, boosting employability and ensuring success in future careers.

Career options

- Research & Development
- Scientific posts in national research institutes like BARC, ISRO, RRCAT, IIT's, IISc, IPR, IPL, PRL, HRI, RRI, IUCAA, Forensic Labs etc.
- Telecommunication industries
- Aviation
- Technical assistants in various institutes in PSU and national institutes.
- PSU's like ONGC, IOL, BPCL, HPCL, BHEL, NPCIL, etc.
- Systems developer, software engineers and Computer system analysts.
- Embedded system industries.
- Academics.

Global/National Acclaim of our Physics Alumni

- Abhinay Mohan, Sahil Ugale and Bhushan Thakur secured Erasmus Mundus scholarship for M.Sc Physics at Universite Paris-Saclay (2023-24, 2022-23, 2021-22)
- Sahil Ugale awarded full scholarship for MSc at Bonn-Cologne Graduate School of Physics and Astronomy (2022-23)
- Aisha Shaikh cleared CSIR-NET as well as GATE exam (2022-23)
- Ganesh Gupta cleared GATE exam (2021)
- Nikhil Singh cleared IIT JAM and joined IISER Pune for Int. Ph.D (2022)
- Amit Gupta cleared IIT JAM and joined NIT for MSc. Physics (2021)



Shri Vile Parle Kelavani Mandal's



Mithibai College of Arts, Chauhan Institute of Science & Amrutben Jivanlal College of Commerce and Economics.

(Autonomous - Affiliated to University of Mumbai)

NAAC Reaccredited 'A' Grade, CGPA: 3.57 (February 2016 to December 2023)
BEST COLLEGE (2016-17), University of Mumbai

M.Sc. Physics

