



Pune District Education Association's Prof. Ramkrishna More Art's, Commerce and Science College (Autonomous), Akurdi, Pune



★ NAAC ACCREDITED A+ WITH CGPA 3.46 ★

Department of Physics

Job Opportunities in Physics

AFTER B.Sc. PHYSICS & M.Sc. PHYSICS

Physics builds the foundation for innovation,
research, technology and a better future.



CAREER OPPORTUNITIES AFTER B.Sc. PHYSICS



HIGHER EDUCATION OPPORTUNITIES

- M.Sc. Physics
- MCA / Data Science / AI
- MBA
- B.Ed.
- Integrated Ph.D.
- IIT-JAM / JEST / GATE Preparation



PRIVATE SECTOR OPPORTUNITIES

- Data Analyst
- Software & IT Industry
- Electronics Industry
- Quality Control Analyst
- Technical Content Developer
- Instrumentation Industry



RESEARCH & DEVELOPMENT

- Research Scientist
- Physicist
- Project Associate
- Research Fellow
- Nanotechnology Researcher
- Nuclear Scientist



ACADEMIC CAREERS

- Assistant Professor
- Lecturer
- Coaching Faculty
- Scientific Writer
- Academic Researcher



GOVERNMENT SECTOR JOBS

- Scientific Assistant
- Laboratory Technician
- Technical Officer
- Junior Research Fellow (JRF)
- Defense Services
- Banking & SSC Examinations
- Railway & PSU Jobs



EMERGING FIELDS

- Data Science
- Machine Learning
- Artificial Intelligence
- Renewable Energy
- Semiconductor Industry
- Medical Physics



GOVERNMENT RESEARCH ORGANIZATIONS

- ISRO • DRDO • BARC
- CSIR • DAE



INDUSTRY OPPORTUNITIES

- Semiconductor Industry
- Space Technology
- Electronics & Communication
- Optical & Photonics Industry
- Healthcare & Medical Equipment
- Computational Physics & Simulation



ORGANIZATIONS HIRING PHYSICS GRADUATES

- ISRO • DRDO • BARC
- VSSC • IISER



COMPETITIVE EXAMS & FELLOWSHIPS

- CSIR-NET / SET • GATE • JEST • UPSC
- State PSC • Ph.D. Fellowships

SKILLS DEVELOPED THROUGH PHYSICS



Analytical Thinking



Research Methodology



Mathematical Modelling



Data Analysis



Programming & Simulation



Experimental Techniques



Problem Solving

FUTURE SCOPE OF PHYSICS

Physics graduates are in demand in:



Space Research



Artificial Intelligence



Quantum Computing



Renewable Energy



Renewable Energy



Semiconductor Technology



Defense & Aerospace



Data Analytics



Research & Innovation



Education & Academia

INNOVATIVE IDEAS IN PHYSICS



Quantum communication for secure data



Magnetic levitation transport systems



AI-based materials discovery



Solar-powered smart devices



Low-cost medical imaging solutions



Sustainable energy from fusion research

★ SKILL ENHANCEMENT COURSES OFFERED BY DEPARTMENT OF PHYSICS ★



PYTHON
PROGRAMMING



C
PROGRAMMING



MATLAB



AI
FOR PHYSICS



INTERNET OF
THINGS (IoT)

ARDUINO
PROGRAMMING



COMPUTATIONAL
PHYSICS

“ Physics is not just a subject — it is a gateway to innovation, research, technology and discovery. ”

Dr. P. S. Tambade
Head,
Department of Physics



Every idea begins with curiosity.
Every discovery begins with Physics.
THINK PHYSICS.
CREATE TOMORROW.

Dr. A. J. Khandagle
Principal

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EXPLORE. LEARN. INNOVATE. BUILD THE FUTURE WITH PHYSICS.