



## Dr. Sanjay Laxman Patil

Associate Professor in Physics | Department of Basic Sciences and Engineering  
P. V. P. Institute of Technology, Budhgaon

### Objectives

Experienced Associate Professor with over **22 years of teaching experience** in engineering education. Passionate about outcome-based education, research, curriculum development, student mentoring, and academic leadership. Seeking to contribute to institutional excellence through quality teaching, innovative research, and funded research projects.

### Expertise

- Research Leadership
- Active Physics Teaching
- Curriculum Development
- Student Mentoring & Guidance
- Academic Administration
- Laboratory Development
- Communication & Team Collaboration

### Competency

- Core Physics expertise
- Research capabilities
- Teaching and laboratory skills
- Student and academic responsibilities
- Leadership and quality assurance
- Technology and professional competencies

### Papers/Publications

- International Journals: 29
- National Conferences: 22

### Google Scholar Profile

- Citations: 1328
- h-index: 20
- i10-index: 22

### STTPs/FDPs

- Four Week-01
- Two Week: - 05
- One Week: - 05

### Professional Membership:

- Life membership of ISTE and IAPT.

### Current Position and Responsibilities

#### Associate Professor in Physics • PVPIT Budhgaon

- Academic Coordinator at Department of Basic Sciences and Engineering
- Central Institute Associations (CIA) Head/In charge

#### Academic and Administrative Responsibilities

Board of Studies Member, NSS Programme Officer, SIP Coordinator, Admission Coordinator, Indian Knowledge System (IKS) Coordinator, Annual Prize Distribution Coordinator.

#### Experience: 22 Years

#### Associate Professor in Physics • PVPIT Budhgaon from 2026

2014-26 • [12 Year] • Assistant Professor in Physics at PVPIT, Sangli.  
2013-14 • [01 Year] • Assistant Professor in Physics at GIT, Lavel.  
2012-13 • [01 Year] • Assistant Professor in Physics at ADCET, Ashta.  
2011-12 • [01 Year] • Assistant Professor in Physics at WIT, Solapur.  
2006-11 • [05 Year] • Lecturer in Physics at JJMCOE, Jaysingpur.  
2004-06 • [02 Year] • Lecturer in Physics at LESP Sangli.

### Education:

#### Ph. D. • August 2022 • Solapur University Solapur.

Completed Ph. D. in Physics School of Physical Sciences, Solapur University, Solapur, Maharashtra, India.

Ph.D. in Physics from Solapur University, with research focused on "Preparation and Characterization of Polyaniline-Zinc Oxide Nanocomposites for Gas Sensing Applications."

#### M. Sc. • June 2004 • Shivaji University Kolhapur

Completed the Master's Degree in Physics from PGTC Solapur, Shivaji University Kolhapur with first class.

#### B. Sc. • July 2002 • Miraj Mahavidyalaya Miraj

Completed the Bachelor's Degree in Physics from Miraj Mahavidyalaya Miraj with First Class.

### Research Area:

Nanomaterials, Thin Films, Gas Sensors, Functional Materials, Semiconductor Physics, and Energy Storage Materials.



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