



Name: Prof. Pravin Balaso Shinde

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Contact Details

- **Lecturer in Lecturer in Physics**

DKTE's Yashwantrao Chavan Polytechnic, R.S. No.644, Sangli Road, Near Adinath Housing Society, Ichalkaranji-416115

Qualification

- M.Sc. (Physics), B.Ed.

Area of Expertise

- Physics

Workshop / Training

- 1st International Research Conference on **Recent trends in Commerce, Management, Social, Engineering, Technological Science and Linguistic** held on 14th Feb. 2015 at Devchand College Arjunnagar, Dist. Kolhapur.
- Participated in a Two week ISTE Short Term Training Programme on **ENGINEERING PHYSICS** conducted by Indian Institute of Technology Bombay, Organized by DKTE'S Textile & Engineering Institute Ichalkaranji from Dec. 8th to 18th ,2015.(MHRD, Govt. of India)
- One Day Seminar on **New Horizons in Solar Energy**, held on 20th Dec. 2015 at Dr. Patangrao Kadam Mahavidyalaya, Sangli.
- Participate Annual Convention 2015 conducted by **Indian Association of Physics Teachers** (RC 08) at Dr. Patangrao Kadam Mahavidyalaya, Sangli on 20th Dec. 2015.
- International Conference on **Frontiers of Physics and Plasma Science** held on 7 to 8 Nov. 2016 at Ujjain Engineering College, Ujjain (M.P.)
- Completed successfully Three Months Online Course from 15th August to 20th November, 2017 which is based on the topic '**Physics of Semiconductor**' organized by Indian Institute of Technology Kanpur (Centre for Development of Technical Education)
- Completed successfully Three Months Online Course from 18th December to 8th March, 2018 which is based on the topic '**Basics of Special Theory of Relativity**' organized by Indian Institute of Technology Kanpur (Centre for Development of Technical Education)
- Completed successfully Three Months Online Course from 2nd April to 10th June, 2020 which is based on the topic '**Learning Physics Through Simple Experiments**' organized by Indian Institute of Technology Kanpur (Centre for Development of Technical Education)

Education)

- Participated in the webinar on **"PHYSICS OF LIGHTNING"** organized by Department of Physics, Dr.MGR Educational and Research Institute, Adayalampattu Phase II Campus, Chennai on 31st May 2021
- Attended a Two-Day Webinar on **"Astrophysics & Space Science"** organized by the Physics Department, Mehsana Urban Institute of Science, Ganpat University jointly with IAPT RC-07 on 5th- 6th June, 2021.
- Participated in National Level Seminar on **"Summer Solstice-21st June: Astrophysics and Geographical Relevance"** held on 21st June 2021.
- Participation in the 1-day "Pratibha P. Pai National Webinar on the **Frontiers of Physics**" organized by the Department of Physics, SIES College of Arts, Science and Commerce, on 17th July, 2021.
- National Webinar on **Nanomaterials in the Service of Mankind** Organized by G H Raisonni Institute of Engineering and Technology, Nagpur on 30th July 2021.
- Completed successfully Three Months Online Course from 15th July to 17th August, 2021 which is based on the topic **'The Story Photoelectric Effect'** organized by Indian Institute of Technology Kanpur (Centre for Development of Technical Education)
- Participated & Completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on **"Leadership and Teamwork for Education Excellence"** from 06/09/2021 to 10/09/2021 at Central University of Haryana.
- Participated in the 1ST **"INTERNATIONAL CONFERENCE ON CONVERGENCE OF INTERDISCIPLINARY SCIENCE"** on 19-20th February, 2022, at Online Platform.
- Participated in the "One Day International Conference on **Advanced Materials and Applications (ICAMA-2023)**" Jointly Organized by Department of Chemistry and IQAC of M. H. Shinde Mahavidyalaya Tisangi, Tal-Gaganbavda, Dist-Kolhapur (MS) held on Saturday, 1st July 2023.
- Participated in One Day Workshop on **Material Science & Application of MCA - 2023**, on 23rd December 2023.
- Participated in 3 Days Online Faculty Development Program on **Innovative Teaching-Learning Practices in Engineering**, conducted by RIT Polytechnic, Pune on 3rd Oct to 5th Oct 2024.
- Attended One Week Online Faculty Development Programme on **Recent Trends in Engineering Physics**, organized by Dr. Bapuji Salunkhe Institute of Engg. & Tech. Kolhapur on 7th to 11th October 2024.
- Participating in and successfully completing the Two-Day Online Faculty Development Programme on **'Smart Grids and Hybrid Electric Vehicles: Technologies, Integration, and Future Trends'** held from 06/02/2025 to 07/02/2025, organized by the Department of Electrical Engineering, V.E.S. Polytechnic, Chembur, Mumbai.
- Participated in the international webinar on **"Quantum Computing for the Next Generation: Exploring Opportunities"** organized by Department of Physics, Willingdon College Sangli on Sunday, 16th February 2025.
- Participated and successfully completed Faculty Development Programme on **Capacity**

Building Program for Physics Teacher from 17th to 22nd February 2025 at Homi Bhabha Centre for Science Education, Mankhurd, Mumbai.

NPTEL Online course

- Successfully Completed 4 Week NPTEL Online Certification Course on the topic of **Effective Engineering Teaching In Practice** on January–February 2022
- Successfully Completed 4 Week NPTEL Online Certification Course on the topic of **ICT in Teaching and Learning** on July–November 2022.
- Successfully Completed 4 Week NPTEL Online Certification Course on the topic of **Basic Instructional Method** on July–December 2023
- Successfully Completed 4 Week NPTEL Online Certification Course on the topic of **Technical Communication for Engineers** on July–August 2024

Paper Publish

- S. D. PATIL, P. B. SHINDE, M. V. TAKALE, *Effect of Size and Shape on Young's Modulus of Nanostructured Ag by Lindeman's Criterion*, International Journal of Chemical & Physical Sciences, 3 (2014) 150–154.
- S. D. Patil, *P. B. Shinde* and M. V. Takale, *Size Dependent Cohesive Energy, Melting Temperature and Debye Temperature of Silver Nanoparticles*, Asian J. Research Chem. 7 (2014) 1013–1015.
- S. D. Patil, *P. B. Shinde* and M. V. Takale, *Analysis of Equation of State and Bulk Modulus for Solid Al*, Asian J. Research Chem. 7 (2014) 1059–1061.
- S. D. Patil, *P. B. Shinde* and A. A. Wali, *Analysis of Equation of State and Bulk Modulus of Argon*, International Journal of Multidisciplinary Research, 3 (2015) 46–47.
- Sandip D. Patil, *Pravin B. Shinde*, Mansing V. Takale, *Size Dependent Nonlinear Melting Temperature of Silver Nanoparticles Using Guisbiers Model*, 85–87 January (2014), International Conference on Advanced and Applied Material Science (ICAAMS-2014), G. K. Gokhale College, Kolhapur.
- S. D. Patil, *P. B. Shinde* and A. A. Wali, *Analysis of Equation of State and Bulk Modulus of Argon*, International Journal of Multidisciplinary Research, 46–47 February (2015), 1st International Research Conference, Devchand College, Arjunnagar, Nipani
- Mr. Pravin B. Shinde, Ms. Neelambika B. Dhayarkar, *Preparation and Characterization of Electrodeposited Nickel Hydroxide Thin Films*, IARJSET, Vol. 9, Issue 2, February 2022
- Mr. P. B. Shinde, Mr. A. R. Savalwade, Mr. R. A. Hatgine, Mr. M. M. Kadam, *Preparation and Synthesis of Magnesium Nano-Crystalline Ferrite by Sol-gel method*, GIS SCIENCE JOURNAL, VOLUME 11, ISSUE 6, 2024, ISSN NO : 1869-9391, PAGE NO: 566
- Mr. P. B. Shinde, Mrs. V. A. Patil, Mrs. S. M. Kadam, *Light Propagation In Tapered Graded Index Optical Fiber*, IJEDR, March 2025, Volume 13, Issue 1

Work Experience

Teaching: 12 Years

Industrial: 00