



Chetan Vishnu Chanmal  
Associate Professor  
Department of Physics  
D.B.F. Dayanand College of Arts and Science,  
Solapur

### Email

cvchanmal@gmail.com

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### Mobile

9850776208

### EDUCATION

Ph.D. (Physics), Savitribai Phule Pune University (2015)

Thesis: High Dielectric Constant PVDF based Nanocomposites for applications in low thermal emissivity and field effect devices

M.Sc. (Physics), SP Pune University (2003–2005) – First Class

B.Sc. (Physics), D. B. F. Dayanand College, Solapur (2001–2003) – First Class

### PERSONAL DETAILS

Date of Birth: 27 August 1983

Nationality: Indian

### PROFILE

Dr. Chetan V. Chanmal is a Associate Professor of Physics with more than 14 years of teaching and research experience. His research expertise includes synthesis of ferrite nanomaterials for antibacterial applications. He has made significant contributions through book publication for UG students and research publications in reputed international journals and active engagement in academic development, cocurricular activities.

### PROFESSIONAL EXPERIENCE

**Professor**, D.B.F. Dayanand College of Arts & Science, Solapur (September 2012 – Present)

Recognized as Postgraduate Teacher and Research Guide

### RESEARCH INTERESTS

• Materials Science • Antibacterial Applications • Ferrite nanomaterials

### RESEARCH CITATIONS

Citations	h- index	i10-index
512	8	6

### RESEARCH EXPERIENCE

Project Assistant, National Chemical Laboratory (NCL), Pune (2006)  
CSIR- Senior Research Fellowship (2009–2012)

### PUBLICATIONS, BOOKS & PATENT

**10+ Research Papers** in reputed journals (ACS, Elsevier, Springer, RSC, Wiley)

**01 Book Chapters** (Elsevier, Wiley, Springer)

**20 Books Published** (Nirali Prakashan)

### FACULTY DEVELOPMENT & TRAINING

FDP, MOOCs and Teacher training Programmes at reputed National Institutes (IISER, IIT)

Refresher courses in Physics & Orientation Courses

## RESEARCH GUIDANCE

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Ph.D. Scholars: 02 Ongoing

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## CONFERENCE PRESENTATIONS

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International: 05

National: 10

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## TECHNICAL EXPERTISE

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XRD • FTIR • SEM/EDAX • TGA/DTA • UV-Visible DRS • BET Analysis • Magnetic Measurements

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## PROFESSIONAL MEMBERSHIPS

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Life members of Indian Association of Physics Teachers (IAPT), Marathi Vidnyan Parishad,

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## SKILLS

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Scientific Writing & Communication  
Personality Development Training  
Research Methodology & Collaboration

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## CONTACT

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Department of Physics  
D.B.F. Dayanand College of Arts & Science  
Raviwar Peth, Solapur – 413003,  
Maharashtra, India

## PARTICIPATION IN VARIOUS BODIES OF UNIVERSITY:

BOS- Subcommittee Member of Physics, PAH Solapur University, Solapur. 2023

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## ACADEMIC & OUTREACH ACTIVITIES

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- Delivered guest lectures on scientific topics
  - Co-ordinator: NSS, Vidnyanvari Shanivari for UG Students
  - Participation in academic workshops, FDPs, and outreach programs
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## AWARDS & RECOGNITION

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- Senior Research Fellowship from Council of Scientific and Industrial Research (CSIR)
- Sakal India Foundation Prize of Rs.40, 000/- for Higher Education (Ph.D.) Studies.
- ABLE Prize award by Department of Biotechnology, Government of India for having scientific idea with potential application for product development.
- Qualified Graduate Aptitude Test in Engineering (GATE-2006) in Physics.
- Qualified STATE ELIGIBILITY TEST (SET) in Physics.
- Stood in Top 10 in National Graduate Physics Examination (NGPE) Test.
- First in the College at B.Sc. III in the subject of Physics (2003).
- First in the college in the subject of Physics at B.Sc.II (2002).
- First in the College in the subject of Mathematics at B.Sc.I (2001).
- Awarded 1st Prize for Poster Presentation in International Conference (ICFMNCC-2015) held at KBP Mahavidyalaya, Pandharpur.
- Awarded 2nd Prize for Oral presentation in National Conference held at Ramanand nagar, Burli.