

Curriculum Vitae

Name: (Dr.) Manoj Bhushan Pandey

Present Position: 'Professor',
Department of Physics,
VSSD College, Kanpur-208 002, India.

E-mail: mbpandey@gmail.com

Nationality: Indian

Educational qualifications:

1. D. Phil in Science on the topic "Study of Chiral Phases of Liquid Crystals" from University of Allahabad, Allahabad in 2005.
Supervisors: Prof. G. K. Pandey and Prof. Ravindra Dhar
2. M. Sc (Physics with specialization in Electronics) with First Division from Banaras Hindi University, Varanasi in 2000.
3. B. Sc (Physics, Maths) with First Division from Harischandra P. G. College, Varanasi (affiliated to Purvanchal University, Jaunpur) in 1997.
4. Qualified National Eligibility Test (NET) for Lectureship in Physical Science; Examination jointly conducted by CSIR-UGC, Govt of India, New Delhi in December 2000.

Professional History:

2024-Present	Professor of Physics, V. S. S. D. College, Kanpur, India.
2021-2024	Associate Professor of Physics, V.S.S.D. College Kanpur, India.
2011-2012	BOYSCAST Fellow, University of Colorado at Boulder, USA.
2009-2021	Assistant Professor of Physics, V.S.S.D. College Kanpur, India.
2006-2009	DST Young Scientist, University of Allahabad, India.

Research Specialization: Experimental Soft Condensed Matter Physics/Material Science

Current Areas of Research:

1. Liquid Crystal Colloids.
2. Nano- structure/ particles dispersed in liquid crystals.
3. Ferroelectric and Antiferroelectric liquid crystals.
4. Frustrated structure/Twist grain boundary (TGB) phases of liquid crystals.
5. Liquid crystal mixtures and induced phases.
6. Chiral smectic C sub-phases.

Awards/Recognitions:

1. "Silver Medal-2020" a National Award by Indian Liquid Crystals Society (ILCS), Bengaluru in recognition of research contributions in the field of Liquid Crystals.

2. 'BOYSCAST Award and Fellowship' by Department of Science and Technology (DST), Government of India, New Delhi in 2011 to visit at Department of Physics, University of Colorado at Boulder, Colorado-80309, USA for advanced training in field of 'Electronic Materials and Processing.'
3. 'DAE Young Scientist Research Award' by Board of Research in Nuclear Sciences (BRNS), Department of Atomic Energy, Government of India, Mumbai in 2010.
4. 'Young Scientist Project Award' by Department of Science and Technology (DST), Government of India, New Delhi in 2009.
5. 'Best Paper Award' at International Conference on Liquid Crystals (ICLC-2006) held at Physics Department, Mumbai University, India during 05-08th December 2006.
6. 'Young Scientist Project Award and Fellowship' by Department of Science and Technology (DST), Government of India, New Delhi in 2005.

Membership of Academic Societies:

1. Life Member of The National Academy of Sciences, India (NASI).
2. Life Member of Indian Liquid Crystal Society, Bangalore, India (L-232).
3. Life Member of International Liquid Crystal Society, Ohio, USA.
4. Life Member of Indian Physics Association, Mumbai, India (KAN/LM/12682).
5. Life Member of Indian Physics Teacher Association, India (L-6625).

Visit Abroad:

USA, Germany, South Korea and Poland

Teaching Experience:

Seventeen (17) Years

Research Experience:

Twenty Four (24) Years

RESEARCH PUBLICATIONS: In Refereed Journals:

Fifty (51)

Research Projects as Project Investigator and Mentor:

Six (06)

Conferences/Seminars Attended:

Thirty Nine (39)

Orientation Programme/Refresher Courses/FDP Attended:

Eleven (11)

Invited/Oral talk delivered:

Twenty One (21)

ORCID ID: <https://orcid.org/0009-0009-9509-0558>

Google Scholar:

<https://scholar.google.com/citations?user=TRwqgIUAAAAJ&hl=en>

Scopus ID: 57189264333