

Curriculum Vitae

Pramod Kumar

M. Sc., D. Phil.(Physics)

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Assistant Professor

Department of Applied Sciences & Humanities

G. B. Pant Engineering College Ghurdauri

Pauri, Garhwal, Uttarakhand, India



Academic Qualification:

- **D. Phil. (Material Science)** from H.N.B. Garhwal Central University, Srinagar Garhwal, Uttarakhand, India,
- **B. Ed. in Science Stream** from Dolphin Institute of Bio Medical & Natural Science , H.N.B.G.University, Srinagar Garhwal, 2008 with First division.
- **M. Sc. in Physics** (Specialization: Nuclear and Particle Physics) from H.N.B. Garhwal State University, Srinagar Garhwal, Uttarakhand, India, 2007 with First division
- **B. Sc. In Mathematics, Physics and Chemistry**, from H.N.B. Garhwal State University, Srinagar Garhwal, Uttarakhand, India, 2005, with second division
- **12th from U.A. Board**, Ramnagar, Uttarakhand, India, 2002, with second division.
- **10th from U. P. Board**, Allahabad, Uttar Pradesh, India, 2000, with second division.

Technical Qualifications:

- One year Computer Diploma from CCT Computer Centre, Srinagar Garhwal (Uttarakhand)
Expertise: MS-OFFICE, MS-EXCEL, MS-POWER POINT, ACCESSES, PAGEMAKER, PHOTOSHOP, TALLY, FOXPRO, PROJECT WORK, INTERNET.

Relevant Work Experience: Total 7 Years

Date of Appointment	Designation & Institute
Feb 2017-Contd.	Assistant Professor (Physics), Department of Applied Sciences & Humanities, G. B. Pant Engineering College Ghurdauri, Pauri Garhwal Uttarakhand
Aug 2015 – Feb 2017.	Assistant Professor (Physics), Department of Applied Sciences, Dolphin (PG) Institute of Biomedical and Natural Science, Dehradun, Uttarakhand, India.
July 2013 – June 2015	Assistant Professor in the Department of Physics, Shivalik College of Engineering Uttarakhand Technical University, Dehradun, India.
July 2012 - June 2013:	Assistant Professor in the Department of Physics, H. N. B. Garhwal University, Srinagar (Garhwal), Uttarakhand, 246174, India.
July 2011 - June 2012	Assistant professor of Physics in Uttaranchal College of Science & Technology, Dehradun.
April 2009 - May 2011	TGT in Science, Devbhumi Public School Srinagar Garhwal, Uttarakhand.

D. Phil. Thesis Title:

“Study of Phase Transition & Dielectric Properties of Pure and Deuterated Stannous Chloride Dihydrate Crystals.”

Name of the Research Supervisor:

Dr. T.C.Upadhyay, Professor Department of Physics, H. N. B. Garhwal(A Central) University, Srinagar Garhwal, Uttarakhand, India

Area of Research Interests:

- Ferroelectric & antiferroelectric crystals.
- Emerging Technologies in ferroelectric sensor.

Research Publications:

1. “ Microwave Absorption in Antiferroelectric Tin Chloride Dihydrate Crystal” published on **Indian Journal of Pure & Applied Physics**, Vol. 49 (10), Page No.589-691, October, 2011,
2. “Theoretical Study of Antiferroelectric and Dielectric Properties of Tin Chloride Dihydrate Crystals “published on **Lucknow Journal of Science**, Vol. 8, No.1, 2011.
3. “Theoretical Study of Antiferroelectric and Dielectric Properties of Tin Chloride Dihydrate Crystal and similar crystals” published on **Asian Journal of Chemistry**, Vol.23, No. 12(2011), 5622-5624.
4. “A Theoretical study of Doped Stannous Chloride Dihydrate TGS crystal” published on **African Review of Physics** (2012)78
5. “Antiferroelectric and Dielectrics properties of stannous chloride dihydrate and its deuterated crystal “published on **American Institute of Physics** volume 1372, ISBN 978-0-7354-0932-3, ISSN 0094-243X.

Conferences/Seminar Participated & Attended:

1. 02-04 December 2010 XVI “NATIONAL SEMINAR ON FERROELECTRICS AND DIELECTRICS” at guru Ghashidas Viswavidyalaya Bilaspur(C.G) presentation on “Antiferroelectric and Dielectrics properties of stannous chloride dihydrate and its deuterated crystal”.
2. 5-6 Feb 2011 “3rd NATIONAL SEMINAR ON RECENT TRENDS IN ADVANCEMENT OF MATHEMATICAL AND PHYSICAL SCIENCES” at D.N.College Meerut. Presentation on “Theoretical Study of SnCl₂.2H₂O with experimental support”
3. 11-13 Feb 2011 “16th NATIONAL SEMINAR ON PHYSICS AND TECHNOLOGY OF SENSORS”. Organized by University of Lucknow. Presentation on “Theoretical Study of Antiferroelectric and Dielectric Properties of Tin Chloride Dihydrate Crystals”
4. 14-18 June 2011 “13th INTERNATIONAL CONFERENCE OF THE INTERNATIONAL ACADEMY OF PHYSICAL SCIENCE” Organized by University of Petroleum and Energy Studies, Dehradun paper presentation on “Temperature dependence properties on Tin Chloride Dihydrate Crystal”

5. 14-15 March 2011 “NATIONAL CONFERENCE ON RECENT ADVANCES IN CONDENSED MATTER PHYSICS”. Organized by Alligarh Muslim University. Presentation on “Theoretical Study of Antiferroelectric and Dielectric Properties of Stannous Chloride Dihydrate Crystals”.
6. 3-7 January 2013 attend Indian Science Congress in Calcutta University.
7. 26-27 October 2013 “NATIONAL CONFERENCE ON RECENT ADVANCES IN MATERIAL SCIENCE (NCRAMS-13)” Organized by H.N.B Garhwal university, Srinagar. Presentation on “Theory of antiferroelectric phase transition in Tin Chloride Dihydrate type crystals”.

Current Research Work:

- Study of antiferroelectric materials.

Future Perspectives:

Work on Nuclear Physics and internal structure of different areas crystal of Himalayas.

Personal Information:

- DOB : JULY 01, 1985
- FATHER’S INITIAL : LATE SH. TRILOCHAN PRASAD SATI
- PERMANENT ADDRESS : VILLAGE- SILORI
POST OFFICE- MAUNA
DISTRICT- CHAMOLI GARHWAL,
UTTARAKHAND, INDIA
- MARITAL STATUS : MARRIED
- NATIONALITY : INDIAN
- LANGUAGES KNOWN : ENGLISH AND HINDI

References:

1. Prof. T. C. Upadhyay
Professor, Department of Physics, H.N.B.
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Garhwal, Uttarakhand, India
Email: tcupadhyay@gmail.com
2. Prof. S.C. Bhatt
Professor, Department of Physics, H.N.B.
Garhwal University, Srinagar,
Uttarakhand, India
3. Dr. K.D. Purohit
Assistant Prof., Department of Physics,
H.N.B. Garhwal University, Srinagar
Garhwal, Uttarakhand, India

Date: July 6, 2017

Place: Pauri, Uttarakhand, India

(Pramod Kumar)