# **Faculty Profile**



E-mail: <u>bajpai.pk1@gmail.com</u> +91-9424154024

### Dr. P. K. Bajpai Professor and Head

**Research Interests**: Experimental Condensed Matter Physics/ Material Science, Vibrational spectroscopy of structural phase transitions, Bio-spectroscopy, Electronic ceramic materials and Bio-photons

**Publications**: >150 research papers (national and international)

#### Fellowships / Awards:

- Fellow of New York Academy of Sciences
- Fellow of IAPS
- Fellow of American Nano Society



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### Prof. R. K. Bhowmik Professor

**Research Interests**: In-beam Spectroscopy, Reaction Dynamics, Nuclear Instrumentation and Data Acquisition

**Publications:** >170 research papers (International journals)

**Fellowships/ Awards**: Fellow of the National Academy of Sciences, Allahabad



Prof. I. M. Govil Emeritus Fellow (UGC)

**Research Interests:** Nuclear and Particle Physics



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## Dr. H. S. Tewari Associate Professor

**Research Interests**: Dielectric, Ferroelectric ceramics, Glass ceramics, Nanomaterials and Oxide based sensor materials.

**Publications**: 24 papers (International journals)



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### Dr. Ashutosh Kumar Shukla

**Associate Professor** 

Research Interests: Condensed Matter Physics, Electron

Spin Resonance

**Publications:** research papers (National and

International)

E-mail: ommadhav27@gmail.com +91-9981401993

# Dr. Madhvendra Nath Tripathi

**Associate Professor** 

Research Interests: Thermoelectric materials, transport properties of solids and computational material science

**Publications:** 12 papers (International)



E-mail: krishichayan@gmail.com +91-8349394624

Dr. Krishichayan **Assistant Professor** 

Research Interests: Experimental Nuclear Physics: Inbeam Gamma Ray Spectroscopy, Nuclear Reactions,

Nuclear Instrumentation

**Publications:** 16 (International journals)



E-mail: dr.tgreddy@gmail.com +91-8963901321

Dr. Goverdhan Reddy Turpu **Assistant Professor** 

Research Interests: Experimental condensed matter physics and low temperature physics

**Publications:** 12 (International journals)

**Awards:** Young Scientist Award in Physics for 2006 by Dr. K. V. Rao Scientific Society, Hyderabad, Andhra

Pradesh, India



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**Research Interests:** Inter- / intra-molecular interactions, proper and improper hydrogen bonding in liquids, Surface Enhanced Raman Spectroscopy (SERS), Raman spectroscopy of nano-structured materials and CNT's

Publications: 30 (International journals), 1 book chapter

Awards: AvH Fellowship, DST Young Scientist Award



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#### Dr. R. P. Prajapati Assistant Professor

**Research Interests**: structure formation in interstellar media, hydromagnetic waves and instabilities in gaseous plasma, dusty plasma, dense quantum plasma, strongly coupled system and astrophysical plasma.

**Publications**: 15 (International journals)

**Fellowships/ Awards**: Buti Young Scientist award in 2009 from Plasma Science Society of India (PSSI) and Young Scientist award with Gold Medal from Vigyan Bharti in 2009



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## Dr. A. K. Gupta Assistant Professor

Research Interests: Doped rare earth manganite,

nanostructures of ZnO, polymer-ZnO composites

**Publications:** 12 (International journals)



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### Mr. Pachineela Rambabu Assistant Professor

M. Sc (Physics), University of Hyderabad (2005-07) UGC-JRF-NET (Dec-2006) GATE (Feb-2007)

M. Tech (Solid state Materials), IIT Delhi (2007-09)

# Technical and

# **Support Staff**

Sri Sanjay Badhe Sri Khem Kumar Kurre

Sri Sandeep Ram

Sri Rajendra Pandey Sri Anil Kumar Dewangan

Sri Santosh Tiwari

Sri Chait Ram

Sri Yashwant Manhare

**UDC UDC** 

Senior Technical Assistant

Senior Technical Assistant

Laboratory Assistant

Library & Office Assistant

Peon Farrash