



Areas of Interest:

- Astrophysics and GRM
- A.C./D.C. conductivity studies of different alkali Titanates.

Education

- **Ph. D. (2001)**, Physics, V.S.S. Purvanchal University, Jaunpur, U.P.
Thesis Title: Accretion onto a rotating compact objects in general relativity.
- **ADCA (1997)**: Advance Diploma in computer Applications from CCAC
- **M. Sc. (1994)**: Physics with specialisation in Electronics, Aligarh Muslim University, Aligarh, U.P.
- **B. Sc. (1992)**: Physics, Mathematics and Chemistry, Awadh University, Faizabad, U.P.

Academic Experience

- **Professor**, Department of Physics, Babu Banarasi Das National Institute of Technology, Lucknow, since 12 March 2015 to till-date.
- **Associate Professor**, Department of Physics, Babu Banarasi Das National Institute of Technology, Lucknow, UP from July 2003, 2009 to 12th March 2015.
- **Assistant Professor**, Department of Physics, Babu Banarasi Das National Institute of Technology, Lucknow, UP from 12 June 2007 to July, 2009.
- **Senior Lecturer**, Department of Physics, Babu Banarasi Das National Institute of Technology, Lucknow, UP from 26 Nov, 2005 to 13 June 2007.
- **Lecturer**, Department of Physics, Babu Banarasi Das National Institute of Technology, Lucknow, UP from 3 September, 2001 to 4 February, 2005.
- **Lecturer**, Department of Physics, Dr. A.N.R. Shiksha Degree College, Jaunpur, UP from 19 November, 1994 to 31 August, 2000.

Selected Publications

1. D. Pal, S. H. Abdi, G. Tripathi, V. K. Maurya, K. Sachan, S. A. Khan, "Effect of heavy mixing BiHfO_4 with doping of tungsten on structure", EPR and dielectric spectroscopic properties of Layered $\text{Na}_2\text{Ti}_2\text{O}_7$, *Journal of Materials Science, Materials Electronics*, (Springer), 24 (5), 1562-1568, 2013.
2. D. Pal, S. H. Abdi, G. Tripathi, V. K. Maurya, S. A. Khan, J. K. Yadav, K. Sachan, "EPR and microwave and electronic conductivity studies of pure and copper doped layered BiHfO_4 sodium titanate ($\text{LiNa}_2\text{Ti}_2\text{O}_7$)", *International Journal of Modern Physics*, (World Scientific), 22, 374-379, 2013.
3. D. Pal, S. H. Abdi, G. Tripathi, K. Sachan, S. Sharma, "Influence of copper doping on structural and dielectric response on sodium BiHfO_4 titanate ($\text{Na}_2\text{Bi}_2\text{O}_7/\text{TiO}_2/\text{KCuO}_2 \times x \text{H}_2\text{O}$)", *Journal of Materials Science, Materials electronics*, (Springer), 23 (10), 1835-1843, 2012.