

Biosketch

Faculty Name: Dr. Abhishek Madheshiya



Areas of Interest:

Synthesis and Characterization of Glass and Glass Ceramic Materials, Electro-ceramic Materials, Bio-ceramic and Nano- composite Materials

Education

- Ph.D., University of Lucknow, Lucknow, Uttar Pradesh
- M.Sc., University of Lucknow, Lucknow, Uttar Pradesh
- B.Sc., Dr. R. M. L. Awadh University, Faizabad, Uttar Pradesh

Academic/Industrial Experience

1. **Assistant Professor** in Physics, Department of Applied Science, Babu Banarasi Das Institute of Technology and Management, Lucknow, 2019-Present.
2. **Senior Research Fellow** (CSIR-SRF) in Department of Physics, University of Lucknow funded by Human Resource Development Group - Council of Scientific & Industrial Research (HRDG - CSIR), New Delhi, 2017-2019.
3. Taught the B.Sc. students as a **Ph.D. Research Scholar** in Department of Physics, University of Lucknow, Lucknow, 2014-2018.
4. **Project Research Fellow** in Department of Physics, University of Lucknow funded by Uttar Pradesh Council of Science and Technology (UPCST), Lucknow, 2013-2014.

Selected Publications

1. S Das, A Madheshiya, S Das, S S Gautam, C R Gautam (2020), Mechanical, Surface Morphological and Multi-Objective Optimization of Tribological Properties of V₂O₅ Doped Lead Calcium Titanate Borosilicate Glass Ceramics. *Ceramics International*, 46, 19170-19180 (Citation-04, Impact factor-**4.527**).
2. C R Gautam, A Madheshiya, A K Singh, K K Dey, M Ghosh (2020), Synthesis, Optical and Solid NMR Studies of Strontium Titanate Borosilicate Glasses Doped with TeO₂. *Results in Physics*, 16, 102914:1-11 (Citation-09, Impact factor-**4.476**).
3. S Das, A Madheshiya, M Ghosh, K K Dey, S S Gautam, J Singh, R Mishra, C R Gautam (2019), Structural, Optical, and Nuclear Magnetic Resonance Studies of V₂O₅-Doped Lead Calcium Titanate Borosilicate Glasses. *Journal of Physics and Chemistry of Solids*, 126, 17-26 (Citation-18, Impact factor-**3.995**).
4. A Madheshiya, K K Dey, M Ghosh, J Singh, C R Gautam (2019), Synthesis, Structural, Optical and Solid State NMR Study of Lead Bismuth Titanate Borosilicate Glasses. *Journal of Non-Crystalline Solids*, 503, 288-296 (Citation-13, Impact factor-**3.531**).
5. A Madheshiya, C R Gautam, S Upadhyay (2018), Preparation, Optical and Electrical Properties of Bismuth Substituted Lead Titanate Borosilicate Glass and Glass Ceramics. *Journal of Non-Crystalline Solids*, 502, 118-127 (Citation-18, Impact factor-**3.531**).