


|  |  |   |
|--|--|---|
| <b>Jyoti</b>   |  |   |
|   | Assistant Professor<br>Department of Physics                           |   |
|  | B.Sc., M.Sc., M.Phil., CSIR- UGC NET, Ph.D. pursuing from NIT Hamirpur |   |
| <b>Contact Information</b><br><b>Mobile:</b> 8580789029<br><b>Email:</b><br>Kaliajyoti.nith@gmail.com  |  | <b>Teaching Experience:</b> 5 years<br><br><b>Areas Of interest:</b> Meditation, Reading books of spiritualism and Indian Sants, Music, Painting, writing poems<br><b>Teaching :</b> Physics for graduate and post graduate students<br><b>Research :</b> Thin Film and Nano Science of Ferrite, Ferroelectric and Multiferroic composite materials |
| <b>Subject Taught:</b> Mathematical Physics, Quantum Mechanics, Nuclear Physics, Atomic and Molecular Physics, Statistical Physics, Thermodynamics, Nano Physics, Classical Mechanics, Electrodynamics, Electricity and magnetism  |  |   |
| <b>Research Publications during M.Phil. :</b><br><br>(1). Strain Induced Structural, Magnetic and Ferroelectric Properties of Heterostructure BST-NZFO Nano-composite Thin Film at Room Temperature (R.K. Kotnala, G.S. Arya, J.Yogiraj, N.S. Negi) “ <b>BULLEITEN OF MATERAIL SCIENCE</b> ” 40(4),623-630. SPRINGER.<br><br>(2). Observation of enhanced multiferroic, magnetoelectric and photocatalytic properties in Sm-Co codoped BiFeO <sub>3</sub> nanoparticles G Arya, J Yogiraj, NS Negi, J Shah, RK Kotnala<br><b>JOURNAL OF ALLOY AND COMPOUND</b> 723, 983-994. |  |   |
| <b>Conference – seminar presentation and participation</b><br>1. Attended Induction training program organized by SCERT Solan  |  |   |
| <b>Administrative Responsibility:</b> <ol style="list-style-type: none"> <li>1. Member of Scholarship committee of the college</li> <li>2. Member of youth RED cross and Ribbon club of the college</li> <li>3. Member of Attestation of university forms and other forms</li> <li>4. Member for empowerment of SC/ ST/ OBC / minorities/ specially abled</li> <li>5. Member of women cell/ sexual harassment and grievances redressal cell</li> <li>6. Member of grievances redressal cell</li> <li>7. Member of first aid committee</li> </ol>                             |  |   |