

CONTACT INFORMATION	S. N. Bose National Centre For Basic Sciences Saltlake, Kolkata - 700106 West Bengal, India	Homepage: <a href="#">Click Here</a> Researchgate: <a href="#">Click Here</a> ✉ E-mail: <a href="mailto:indranikar@bose.res.in">indranikar@bose.res.in</a>
RESEARCH INTEREST	<ul style="list-style-type: none"> <li>• Synthesis and characterization of bulk single crystal.</li> <li>• Electronic structure study using angle resolved photoemission spectroscopy (ARPES).</li> <li>• Transport and magnetic property measurement.</li> </ul>	
EDUCATION	<p><b>S. N. Bose National Centre For Basic Sciences</b>, Kolkata, India <span style="float: right;">2018– Present</span></p> <ul style="list-style-type: none"> <li>• Ph.D. in Experimental Physics.</li> <li>• Supervisor: Dr. Thiupathaiah Setti</li> </ul> <p><b>The University of Burdwan</b>, India. <span style="float: right;">2015–2017</span></p> <ul style="list-style-type: none"> <li>• M.Sc. in Physics. CGPA: <b>8.42/10</b></li> </ul> <p><b>The University of Burdwan</b>, India. <span style="float: right;">2012–2015</span></p> <ul style="list-style-type: none"> <li>• B.Sc. in Physics, Overall percentage 63.125 %.</li> <li>• Major : Physics</li> <li>• Minor : Chemistry, Mathematics.</li> </ul> <p><b>Kamalpur Netaji High School</b>, Bankura, West Bengal, India. <span style="float: right;">2010–2012</span></p> <ul style="list-style-type: none"> <li>• Higher Secondary Examination, Overall percentage 86.8 %.</li> </ul> <p><b>Kamalpur Netaji High School</b>, Bankura, West Bengal, India. <span style="float: right;">2010.</span></p> <ul style="list-style-type: none"> <li>• Secondary (X Standard Board) Examination, Overall percentage 86 %.</li> </ul>	
PUBLICATIONS	<ol style="list-style-type: none"> <li>1. Metal-chalcogen bond-length induced electronic phase transition from semiconductor to topological semimetal in <math>ZrX_2</math> (<math>X = \text{Se}</math> and <math>\text{Te}</math>), I. Kar, Joydeep Chatterjee, Luminita Harnagea, Y. Kushnirenko, A. V. Fedorov, Deepika Shrivastava, B. Behner, P. Mahadevan, S. Thirupathaiah. arXiv:1907.03987.</li> <li>2. Observation of Surface Dirac State in Transition Metal Dichalcogenide, <math>\text{NiTe}_2</math>, using ARPES, Indrani Kar, Luminita Harnagea, Soma Banik, Surjeet Singh and Setti Thirupathaiah (submitted).</li> </ol>	
CONFERENCE POSTERS	<ol style="list-style-type: none"> <li>1. Angle Resolved Photoemission Spectroscopy Study on <math>\text{TaTe}_2</math>. In: Flatlands and beyond (2019) A meet on 2D materials, S. N. Bose National Centre For Basic Sciences, September, 2019.</li> </ol>	
MISCELLANEOUS ACTIVITIES	<p>Conferences, Workshops and Schools attended</p> <ul style="list-style-type: none"> <li>• Flatlands and beyond (2019) A meet on 2D materials, S. N. Bose National Centre For Basic Sciences, September, 2019.</li> <li>• International Conference on Complex and Functional Materials, S. N. Bose National Centre For Basic Sciences, December, 2018.</li> <li>• Winter School on Synchrotron Techniques in Materials Science, S. N. Bose National Centre For Basic Sciences, October, 2018.</li> </ul>	
HONORS AND AWARDS	<ul style="list-style-type: none"> <li>• Qualified in Graduate Aptitude Test in Engineering (GATE) 2018, a national level competitive examination, conducted by the Indian Institute of Technology (IIT).</li> <li>• Awarded INSPIRE Scholarship By Ministry of Science and Technology, Government of India for ranking among the top 1% in 12th standard Board Examinations and pursuing courses in Natural and Basic sciences at the B.Sc. and M.Sc. levels (2012-2017).</li> </ul>	
REFERENCES	<p>Dr. Thiupathaiah Setti S.N.Bose National Centre For Basic Science E-mail: <a href="mailto:setti@bose.res.in">setti@bose.res.in</a></p>	