



Title	Mr.	First Name	VIVEK	Last Name	PRAJAPATI	Photograph
Designation	Assistant Professor					
Department	Physics Department					
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Educational Qualifications:						
Degree	Institution, University				Year	
Ph.D.	University of Delhi				Pursuing	
M.Sc.	University of Allahabad				2017	
B.Sc.	V. B. S. Purvanchal University				2015	
Area of Specialization						
Condensed Matter Physics						
Research Guidance						
Publications						
<p>1. 2023, <i>Physica B: Condensed Matter</i> Vol. 669, 415255; https://doi.org/10.1016/j.physb.2023.415255 “Valley conductance and reflection probabilities in substrate-induced graphene superlattice.” <u>Vivek Prajapati</u> and Nivedita Deo.</p> <p>2. 2023, <i>Europhysics Letters</i> Vol. 143, No. 02, 26006; https://doi.org/10.1209/0295-5075/ace4ef “Thermodynamic properties of substrate-induced graphene superlattice in homogeneous magnetic field.” <u>Vivek Prajapati</u> and Nivedita Deo.</p>						
Participation in Conferences/ Seminars / Workshops, etc.						

<p>1. 2022 Dec. 8-9 "<i>International Conferences on Futuristic Materials</i>" (ICFM)-2022, Department of Physics, Manav Rachna University, Haryana, India. Poster title: "Electronic transport in $\sqrt{3} \times \sqrt{3}$ substrate-induced graphene superlattice."</p> <p>2. 2023 March 13-15 "<i>2nd International conference on Advanced Functional Materials and Devices</i>" (AFMD-2023)}, Department of Physics, Atma Ram Sanatan Dharma College, University of Delhi, Delhi, India. Talk title: "Conductance of $\sqrt{3} \times \sqrt{3}$ substrate-induced graphene superlattice."</p>
Research Projects (Major / Minor / Research Collaboration)
Awards and Distinctions
Membership of Professional Bodies
Administrative experience:
Any other information:
<p>GATE: 2019 UGC NET-JRF: 2021</p>