Murshidabad University

Photo

FACULTY ACADEMIC PROFILE/ CV

Full name of the faculty member: SHAHNEWAZ MONDAL

Designation: Assistant Professor

Contact information: email: smonphys@msduniv.ac.in, shahnewaz.phy@gmail.com, M-9475242503

Academic qualifications:

College/University from which the degree was obtained	Abbreviation of the degree
Visva-Bharati University	B.Sc honours in Physics
Visva-Bharati University	M.Sc in Physics

Positions held/ holding: Assistant Professor

Research interests: Theoretical study on 2-D materials

Research guidance:

Projects:

Select list of publications (Only number):

a) Journals: 07
b) Books/ book chapters: Nil
c) Conference/ seminar volumes: o3

Membership of Learned Societies:NA

Invited lectures delivered:01

Awards: NA

Other notable activities:

List of Journal Publication/ Conference Papers: (Last ten years)

1. R. R. Ghimire, **S. Mondal**, and A. K. Raychaudhuri. Synergistic ultraviolet photoresponse of a nanostructured zno film with gate bias and ultraviolet illumination. J. Appl. Phys., 117:105705–8, 2015

2. **S. Mondal**, R. R. Ghimire, A. K. Raychaudhurib. Mobility enhancement in electric double layer gated n-zno ultraviolet photodetector by synergy of gate and illumination: A photo hall study. Appl. Phys. Lett., 106:041102–4, 2015
3. Chandra HK, **Mondal S**, Gupta BC. Spin Hall conductivity of germanene supported by monolayer of different monochalcogenides and emergence of topologically insulating states. Solid State Commun. 2022;352:114830
4. Rajesh Mandal, Dilip Sao, Saraswati Mandi, Subhamay Pramanik**, Shahnewaz Mondal**, Biswanath Mukherjee, Probodh K. Kuiri, Rajib Nath, Modulation of Grain Boundary conductance of nanocrystalline SnO2 film by electrostatically induced carriers, Physica B: Condensed Matter, Volume 658, 2023, 414837
5. **Shahnewaz Mondal**, Hirak Kumar Chandra, Bikash Chandra Gupta, Quantum spin Hall effect and emergence of conducting edge states in silicene supported by MX (M=Ga, In; X=S, Se, Te) monolayer, 2024, Modern Physics Letters B, 2450196, 38,22