

C.V.



1. Name: Prof. Mohammad Imran Aziz
2. Date of Birth: 15.07.1974
3. Current Position: Professor
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7. Educational Qualifications:

M.Sc.(Specialization-solid state physics), NET(June 2002, Dec. 2002), Ph.D.(Theoretical Solid State Physics)

8. Teaching Experiences:

20+ years at both UG&PG level

9. Editorial Board & Convener

1. Member, American Journal of Nanosciences
2. Member, IAPT
3. Convener, Board of studies (Physics), V.B.S. Purvanchal University, Jaunpur
4. Convener, Research Degree Committee (Physics), V.B.S. Purvanchal University, Jaunpur

10. Workshops Attended: 11

11. Short term course: 02

12. Research Publications: 17

1. Effect of many body interactions on cohesive energy of alkali halides, Md. Imran Aziz and Irfan Ahmed, Material Science Research India, 4 (2007) 429.
2. Evaluation of van der Waals dipole-dipole interactions energy and zero- point energy of alkali halides, Md. Imran Aziz and Irfan Ahmed, Ahmed Naeem, Journal PAS (India), 14 (2008) 26.
3. Effect of many body interactions on indices of refraction of alkali halides, Md Imran Aziz and Irfan Ahmed, Ahmed Naeem, International journal Of chemical sciences , 6 (2008) 1415.
4. Effect of many body interactions on the isothermal bulk modulus of alkali halides, Md.Imran Aziz and Irfan Ahmed, Ahmed Naeem, Material science Research India, 5(2008) 107.
5. Many body aspects on longitudinal and transverse sound velocities of alkali halides, Mohammad imran aziz, Journal PAS (India), 15 (2009) 230.
6. Theoretical Study Of Order Parameter At Different Temperatures By Known Data Of Optical Anisotropy Of New Nematic Liquid Crystal, 4'-Cyano-(4-Chlor-Benzoyloxy)-Azobenzene, Md.Imran Aziz, Scientia Acta Xaveriana, Vol.1, No.2(2010) 23.

7. Effect Of Many Body Interactions On Optical Dielectric Constant Of Lead Chalcogenides, Md Imran Aziz and Irfan Ahmed, Ahmed Naeem, International journal Of chemical sciences , 9(2)(2011)721.
8. Many Body Aspects On Cohesive Energy Of Ionic Crystals, Mohammad imran aziz, Journal PAS (India), 18 (2012) 185.
9. Many Body Interactions On Phonon Dispersion Properties of LiF, KBr, RbI And CsCl, Md. Imran Aziz And Ahmad Naeem, Journal PAS (India), 19 (2013) 23.
10. Many Body Aspects on Indices of Refraction of NaCl & CsCl Like Crystals, Mohammad imran aziz, Journal PAS (India), 20(2014) 94.
11. Three Body Interactions On Cohesive Energy Of alkali halides, Mohammad imran aziz, Journal PAS (India), 21(2015) 68.
12. A Theoretical Study of Phonon Properties of Dysprosium Monopnictides (DyP) Md .imran aziz, Journal PAS (India), 22(2016) 34.
13. Many-Body Interactions on Phonon Properties of Stanene, Kamlesh Kumar, M. Imran Aziz, American journal of nanosciences, 8 (1), (2022). 8-12 .
14. Many Body Interactions on Lattice Dynamical Properties of Stanene, 2D Material, Kamlesh Kumar, M. Imran Aziz, Nafis Ahmad, IJSRST, 9(2), 323-326, (2022).
15. Effect of Many Body Interactions on Phonon Group Velocities of Stanene, Kamlesh Kumar, Mohammad Imran Aziz, Khan Ahmad Anas, American journal of nanosciences, 8(2), (2022). 13-18.
16. A Theoretical Framework of Elastic, Thermo-Physical Properties of the Monolayer Stanene, Kamlesh Kumar, Mohammad Imran Aziz, Khan Ahmad Anas, Rahul Kumar Mishra, American journal of nanosciences, 8(3), (2022) , 37-41.
17. Study of lattice vibrations of the stanene along highly symmetry directions, Kamlesh kumar, M. Imran Aziz*, Rahul Kumar Mishra, Accepted for Publication in 'Nanosistemi, Nanomateriali, Nanotehnologii', Ukraine.

13. Seminars/conferences (Paper Published): 03+01 (Communicated to ICNOC2022)

14. Conference Attended: 02

15. Invited Talks: 07

16. Certificate Course: 01

17. Faculty Development Program: 04

18. Science Lecture Series: 03

19. Organizing Secretary of National Symposium: 01

20. National Webinar attended: 14

21. International Webinar attended: 04

22. Books: 02, Fundamentals of Quantum Electrodynamics & Modern Optics

Dr. Imran Aziz