

Mr. MAULESH D VALA

Mr. Mauleshkumar Dahyabhai Vala
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Dedicated physicist with a passion for teaching and research, poised to inspire and cultivate the next generation of scientific minds while aspiring to mentor and motivate students in pursuing scientific excellence.

Education

Ph.D.- Pursuing from the Department of Physics, Sardar Vallabhbhai National Institute of Technology, Surat (SVNIT)

GATE: 2020- (Physics) conducted by Indian Institute of Technology Delhi

GSET: 2019- (Physics) conducted by The Maharaja Sayajirao University of Baroda, Baroda

M.Sc.- (Condensed Matter Physics) with 61.4 % from the Department of Physics, The Maharaja Sayajirao University of Baroda, Baroda - (July 2017 - April 2019)

B.Sc.- (Physics) with 74 % from Shree P. M. Patel College of Electronics and Communications, Sardar Patel University, Vallabh Vidyanagar - (July 2014 - April 2017)

Professional Position(s)

Assistant Professor in Physics: Government Science College, Idar (**2nd Jan 2023 till date**)

- Excellent understanding of physics and the capacity to instruct students of diverse backgrounds in this field
- Superb communication skills to collaborate with experts and students
- Detailed understanding of both scientific software, such as VASP, xCRYSDen, P4V and educational software, such as Origin, M.S. Office, LaTeX etc.
- Skilled with Spectrometers, Telescopes, Microscopes, and other scientific tools used in UG practical

Profile**Technical Skills**

- Handling High-performance Computers (HPC)
- Expertise in ab initio calculations using the VASP tool.
- Fortran, Python Languages
- Knowledge of Scientific tools like Origin, MATLAB, p4v, etc.

Publications

- One (1) Publication in international journal of reposes:
For Details, please refer to Annexure 1

Conferences / Seminars/Workshops

- Coordinator for two (02) International conferences
- Coordinate for two (02) State Level Program
- Attended and/or participated in five (05) International conferences
- Attended and/or participated in more than four (4+) national conference/seminar/workshop

Personal Details

Date of Birth: 1st December 1996

Contact No: 9904821312

Languages known: English, Hindi, Gujarati

The information provided is authentic and sufficient, but I will gladly furnish any more if needed.

Mr. M. D. Vala

Annexure 1

Sr. No.	Article Detail
1.	Schottky and Frenkel Defect on SbS ₂ Monolayer: First Principles Calculations Maulesh D Vala , Malhar Bhatt, Shivam Kansara, Yogesh Sonvane Journal of Physics: Conference Series 2518 (2023) 012011 doi:10.1088/1742-6596/2518/1/012011