



M. S. P. Mandal's

Vinayakrao Patil Mahavidyalaya, Vaijapur

Department of Physics

Ph. D. Guide

1. Name of the Faculty member: **Dr. B. G. Lone**

1. Enrolled Ph. D. student:

Sr. No.	Name of the Student	Date of Registration	Research Topic	Status
01	Mr.Avinash Narayan Ingle	10/12/2018	Ab initio study of alkaline earth metal decorated boron doped graphene for hydrogen storage	Research work in progress
02	Mr.Prashant Sohanlal Pardeshi	10/12/2018	Interaction of amino acids with graphene and single wall carbon nanotubes: A first principles study	Research work in progress
03	Mrs. Jawaher Qasem Abdulgaleel Ghaleb	01/03/2019	DFT Study of DNA Nucleobases interaction on the surface of 2D Nanomaterials	Research work in progress
04	Mr. Shamsan Ali Qussim Ali	28/06/2019	Interaction of DNA on 2d nanomaterials for Biosensing applications	Research work in progress

05	Mr.Ravindra Bhausheb Karde	22/06/2021	Hydrogen storage in 2D nanomaterials with different doped element atoms: A computational study	Research work in progress
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2. Postdoctoral students:

Sr. No	Name of Research guide	Postdocs completed	Date of Registration
1	Dr. Ajay Govardhan Mohod	Study of Amino acid interactions on Boron and Silicon doped graphene for Biosensing application using DFT-MD method	15/05/2021
2	Dr. Mangesh Sheshrao Kharate	Study of Proinsulin C- peptide with amino acid: A molecular dynamics approach	05/05/2021