



List of PhD. Scholars

Sr. No.	Photograph	Details
1.		Name: Sunita Yadav Supervisor: Dr. Dimple V. Shah Category: FIR Admission no.: D19PH004 Research area: Condensed matter physics (Magnetic materials)
2.		Name: Jay Jasani Supervisor: Dr. Yogesh A. Sonvane Category: PEC Admission no.: D20PH001 Research area: Computational material science, DFT, 2D nanomaterials
3.		Name: Priyanka Thorat Supervisor: Dr. Yogesh A. Sonvane Category: PEC Admission no.: D20PH004 Research area: Computational material science, DFT, 2D Janus materials and heterostructures
4.		Name: Riddhi Prajapati Supervisor: Prof. K. N. Pathak Category: FRS Admission no.: D20PH006 Research area: Madden Julian oscillations (Atmospheric science/meteorology)



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5.		Name: Zainit Dhameliya Supervisor: Dr. Debesh R. Roy Category: PEC Admission no.: D20PH010 Research area: TMDCs, Drug – nanoparticle interaction, Bimetallic nanoparticle
6.		Name: Anju Supervisor: Dr. Lalit K. Saini Category: FIR Admission no.: D20PH012 Research area: Applications of Porphyrin
7.		Name: Bhautik Gevariya Supervisor: Dr. Vipul A. Kheraj Category: PEC Admission no.: D20PH014 Research area: Optoelectronic devices optimization using algorithm.
8.		Name: Soumya Sundar Parui Supervisor: Dr. Vipul A. Kheraj Category: FIR Admission no.: D20PH015 Research area: Perovskite Solar Cell, Thin Films, Optoelectronic Devices, Laser Assisted Material Synthesis.
9.		Name: Pooja Jakhad Supervisor: Prof. A. K. Rai Category: FRS Admission no.: DS20PH001 Research area: Spectroscopy of heavy- light baryons



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10.		Name: Ayushi Nema Supervisor: Prof. K. N. Pathak Category: FIR Admission no.: DS20PH002 Research area: Space weather, Magnetosphere-ionosphere coupling, geomagnetic storms
11.		Name: Maulesh Vala Supervisor: Dr. Yogesh A. Sonvane Category: PEC Admission no.: DS20PH003 Research area: Theoretical material science, supercapacitor, energy storage materials
12.		Name: Rahulkumar P. Jadav Supervisor: Dr. Yogesh A. Sonvane Category: FIR Admission no.: DS20PH004 Research area: 2D MXene batteries, 2D MBene as supercapacitor, 2D Janus as hydrogen storage
13.		Name: Santilata Sahoo Supervisor: Dr. Dimple V. Shah Category: FIR Admission no.: DS20PH007 Research area: Expt. Condensed Matter Physics
14.		Name: Sarthak Trivedi Supervisor: Dr. Debesh R. Roy Category: FPS Admission no.: D21PH003 Research area: Molecular docking, Molecular dynamics, Free energy landscapes (Drug-biomolecule interaction)



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15.		Name: Dipali Vadher Supervisor: Prof. K. N. Pathak Category: FIR Admission no.: D21PH004 Research area: Solar Physics, magnetic field, Switchbacks
16.		Name: Sujit Jana Supervisor: Dr. Vikash Kumar Ojha Category: FIR Admission no.: D21PH010 Research area: Hadron structure (GTMDs)
17.		Name: Janvi Gajjar Supervisor: Dr. Debesh R. Roy Category: FIR Admission no.: D21PH011 Research area: DFT-NEGF Formalism for Electron Transport in Molecular Devices
18.		Name: Pratik Patel Supervisor: Dr. Sharad K. Yadav Category: FIR Admission no.: D21PH012 Research area: Magnetohydrodynamic Turbulence
19.		Name: Sadhana Matth Supervisor: Dr. Himanshu Pandey Category: FIR Admission no.: D21PH013 Research area: Density Functional Theory



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20.		Name: Trilokchand Kumavat Supervisor: Dr. Yogesh A. Sonvane Category: FIR Admission no.: D21PH014 Research area: Multifunctional materials, Interface engineering, energy storage device
21.		Name: Parth Patel Supervisor: Prof. K. N. Pathak Category: FSF Admission no.: D21PH015 Research area: Aerosol optical properties, Black carbon, Aerosol radiative forcing
22.		Name: Aparnakumari Patel Supervisor: Dr. Yogesh A. Sonvane Category: FPS Admission no.: D21PH016 Research area: Energy Materials, Solar Cell, DFT
23.		Name: Malhar Bhatt Supervisor: Dr. Yogesh A. Sonvane Category: FSF Admission no.: DS21PH001 Research area: Anod-Ion Battery, DFT
24.		Name: Vipul B. Rohit Supervisor: Dr. Sharad K. Yadav Category: FIR Admission no.: D22PH002 Research area: Complex Plasma



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25.		Name: Naresh Prajapati Supervisor: Dr. Himanshu Pandey Category: FIR Admission no.: D22PH003 Research area: Nanomaterials
26.		Name: Rajsinh Rana Supervisor: Dr. Shail Pandey Category: FIR Admission no.: D22PH004 Research area: Microwave Plasma Simulations
27.		Name: Chetan Lodha Supervisor: Prof. A. K. Rai Category: FSF Admission no.: D22PH005 Research area: Spectroscopy and decay properties of exotic particles
28.		Name: Ashvin Dalsukhbhai Kanzariya Supervisor: Dr. Lalit K. Saini Category: FIR Admission no.: D22PH006 Research area: DFT, HER and Hydrogen storage
29.		Name: Chirag Bhuptani Supervisor: Dr. Dipika Patel Category: FIR Admission no.: D22PH007 Research area: Experimental Nuclear Physics, Nuclear break-up reactions, reaction dynamics



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30.		Name: Shubhankur Suvansh Supervisor: Dr. Shail Pandey Category: FIR Admission no.: D22PH008 Research area: ECR Plasma Thruster
31.		Name: Vandan Patel Supervisor: Prof. A. K. Rai Category: FRS Admission no.: D22PH009 Research area: High Energy Physics, Spectroscopy of Hadron Physics
32.		Name: Krishna Supervisor: Dr. Lalit K. Saini Category: FIR Admission no.: D22PH010 Research area: Atomic & Molecular Clusters (Non-Covalent Interaction)
33.		Name: Vishwa Desai Supervisor/Co-supervisor: Dr. Debesh R. Roy, Dr. Dimple V. Shah Category: FRS Admission no.: D22PH011 Research area: Green synthesis of nanocomposites
34.		Name: Govind Singh Yadav Supervisor: Dr. Mithun Karmakar Category: FIR Admission no.: DS22PH001 Research area: Plasma-based particle accelerator



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35.		Name: Niket Raval Supervisor: Dr. Vipul A. Kheraj Category: FPS Admission no.: DS22PH002 Research area: Synthesis of Antimony-based perovskite using slot-die coating technique, solar-cell device fabrication.
36.		Name: Mariya Ughradar Supervisor: Dr. Vikash Kumar Ojha Category: FSF Admission no.: DS22PH003 Research area: Quantum information entropies
37.		Name: Priyank Bhardwaj Supervisor/Co-supervisor: Dr. Lalit K. Saini, Dr. Mithun Karmakar Category: FIR Admission no.: DS22PH005 Research area: Non-linear plasma, Laser driven particle Accelerator
38.		Name: Chirag Rathi Supervisor: Dr. Debesh R. Roy Category: FIR Admission no.: D23PH001 Research area: DFT, 2D-Materials
39.		Name: Adityakumar Patel Supervisor: Dr. Debesh R. Roy Category: ERS Admission no.: D23PH002 Research area: Study of 2D material for gas sensing and energy storage applications



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40.		Name: Jay V. Vora Supervisor: Dr. Shail Pandey Category: FIR Admission no.: D23PH004 Research area: Microwave Plasma, Plasma Antenna
41.		Name: Hetvi Jadav Supervisor: Dr. Himanshu Pandey Category: FSF Admission no.: D23PH006 Research area: DFT
42.		Name: Hardik Rathod Supervisor: Prof. A. K. Rai Category: FRS Admission no.: D23PH007 Research area: Elementary Particle Physics
43.		Name: Prasann Kshatriya Supervisor: Dr. Yogesh A. Sonavane Category: FSF Admission no.: D23PH008 Research area: Solar Cells, Twistronics, 2D Nanomaterial
44.		Name: Mukesh Kumar Thakan Supervisor: Dr. Vipul A. Kheraj Category: FIR Admission no.: D23PH009 Research area: Perovskite Solar Cell device Fabrication



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45.		Name: Pawan Kumar Supervisor: Dr. Yogesh A. Sonavane Category: FIR Admission no.: D23PH010 Research area: Energy and storage devices
46.		Name: Neha Sharma Supervisor: Dr. Vipul A. Kheraj Category: FSF Admission no.: DS23PH002 Research area: Perovskite Solar Cell, Devices optimization using the algorithm.
47.		Name: Pinal Gandhi Supervisor: Dr. Vipul A. Kheraj Category: PEC Admission no.: DS23PH003 Research area: Devices optimization using algorithm.
48.		Name: Nisha Khotele Supervisor: Dr. Debesh R. Roy Category: FRS Admission no.: DS23PH004 Research area: Material Science, Experimental Condensed matter physics
49.		Name: Yadav Dipesh Kishorbhai Supervisor: Prof. Ajay Kumar Rai Category: ERS Admission no.: D24PH002 Research area: HIGH ENERGY PHYSICS



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50.		Name: Kukadiya Vivek Pravinbhai Supervisor: Prof. Dr. Vipul Kheraj Category: FIR Admission no.: D24PH005 Research area: Diamond, Lonsdaleite, Diaphite
51.		Name: Parth Zadafiya Supervisor: Dr. Yogesh Sonvane Category: ERS Admission no.: D24PH007 Research area: Thin Films Perovskite solar cell Density Functional Theory
52.		Name: Karan Patel Supervisor: Dr. Himanshu Pandey Category: FIR Admission no.: D24PH010 Research area: First-principles (DFT) investigations of photocatalytic and electrocatalytic 2D materials for efficient water splitting, emphasizing the hydrogen
53.		Name: Divya Solanki Supervisor: Dr.Dimple V Shah Category: FSF Admission no.: D24PH011 Research area: Semiconductor material
54.		Name: Parimal Tandel Supervisor: Prof. Debesh R. Roy Category: FIR Admission no.: D24PH012 Research area: Cluster Assembled Materials (CAMs)



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55.		Name: Shilpa Sharma Supervisor: Prof. K. N. Pathak Category: FIR Admission no.: D24PH013 Research area: Gravitational wave astronomy
56.		Name: Sonam Meena Supervisor: Dr. Vipul Kheraj Category: FIR Admission no.: D24PH014 Research area: Perovskite based Immunoassays
57.		Name: HETAVI DHIMMAR Supervisor: Dr. Dimple V Shah Category: FIR Admission no.: DS24PH001 Research area: Condensed matter physics (optoelectronic materials)
58.		Name: Prajapati Vraj Kumar Gopalbhai Supervisor: Prof. Ajay Kumar Rai Category: FIR Admission no.: DS24PH002 Research area: Particle Physics, Hadron spectroscopy
59.		Name: Mites Kumar Solanki Supervisor: Dr Dimple Shah Category: PEC Admission no: DS24PH004 Research area:- DFT



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60.		Name: Baxi Deepam Chiragkumar Supervisor: Dr Dimple V Shah Category: FIR Admission no.: D25PH001 Research area: Nanoparticle and 2D materials
61.		Name: Rahul Kumar Ishvarbhai Parmar Supervisor: Dr Mithun Karmakar Category: FIR Admission no.: D25PH002 Research area: Plasma Physics
62.		Name: Patel Tejaswini Narendrabhai Supervisor: Dr. Vipul Kheraj , Dr. Kirti Inamdar Category: ERS/FPS Admission no.: D25PH003 Research area: Electromagnetic Shielding
63.		Name: Kirti Sharma Supervisor: Dr. Vikash Kumar Ojha Category: FIR Admission no.: D25PH004 Research area: Nonlinear Dynamics
64.		Name: Bharat Masar Supervisor: Dr. Dimple V Shah Category: FIR Admission no.: D25PH006 Research area: Battery, Energy Storage, and Material Physics



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65.		Name: Makvana Riyakumari Kamleshbhai Supervisor: Dr. Yogesh A Sonvane Category: FIR Admission no.: D25PH008 Research area: Battery, DFT
66.		Name: Patel Abhikumar Pareshkumar Supervisor: Dr. Dipika Patel Category: ERS Admission no.: D25PH009 Research area: Nuclear Reaction Dynamics (Theoretical & Experimental)
67.		Name: Shailesh Rajendra Motirale. Supervisor: Dr. Yogesh A Sonvane. Category: ERS Admission no.: D25PH010 Research area: Battery, DFT
68.		Name: Mohammad Musani Supervisor: Dr. Shail Pandey Category: FIR Admission no.: D25PH011 Research area: Plasma physics
69.		Name: Parmar Manakkumar Gaurangkumar Supervisor: Prof. Ajay Kumar Rai Category: FIR Admission no.: D25PH012 Research area: High energy physics



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70.		Name: Brijesh Jayantibhai Pathak Supervisor: Dr. Dimple V. Shah Category: ERS Admission no: D25PH013 Research areas: Integrated Flexible Energy System
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Contact details:

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Institute Website: <https://www.svnit.ac.in/web/department/physics/faculty.php>

