







### List of Ph.D. Scholars

Sr. No.	Photograph	Details
1.		Name: Adhish Raval Supervisor: Dr. Lalit K. Saini, Dr. Dimple V. Shah (Co-supervisor) Category: FSF Admission no.: D17PH004 Research area: Facile Synthesis of InSe and SnSe with Perspectives in Opto-electronic Applications
2.		Name: Ranjit Solanki Supervisor: Prof. K. N. Pathak Category: FSF Admission no.: D18PH009 Research area: Atmospheric aerosol
3.		Name: Yash Doshi Supervisor: Dr. Dimple V. Shah Category: FSF Admission no.: DS18PH002 Research area: Development of novel metal chalcogenides for their potential applications in optoelectronic devices.
4.		Name: Bijal Mehta Supervisor: Dr. Debesh R. Roy Category: FPS Admission no.: D19PH002 Research area: DFT, Drug – nanoparticle interaction, Atomic and molecular clusters



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5.		<p>Name: Sunita Yadav Supervisor: Dr. Dimple V. Shah Category: FIR Admission no.: D19PH004 Research area: Condensed matter physics (Magnetic materials)</p>
6.		<p>Name: Anupama Ojha Supervisor: Dr. Shail Pandey Category: FSF Admission no.: DS19PH001 Research area: Plasma Physics (Microwave Plasma)</p>
7.		<p>Name: Juhi Oudichhya Supervisor: Prof. A. K. Rai Category: FIR Admission no.: DS19PH002 Research area: Particle physics, Quantum Chromodynamics, Hadron Spectroscopy</p>
8.		<p>Name: Jay Jasani Supervisor: Dr. Yogesh A. Sonvane Category: PEC Admission no.: D20PH001 Research area: Computational material science, DFT, 2D nanomaterials</p>
9.		<p>Name: Priyanka Thorat Supervisor: Dr. Yogesh A. Sonvane Category: PEC Admission no.: D20PH004 Research area: Computational material science, DFT, 2D Janus materials and heterostructures</p>



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10.		<p>Name: Riddhi Prajapati Supervisor: Prof. K. N. Pathak Category: FRS Admission no.: D20PH006 Research area: Madden Julian oscillations (Atmospheric science/meteorology)</p>
11.		<p>Name: Poonam Sharma Supervisor: Dr. Dimple V. Shah Category: FIR Admission no.: D20PH009 Research area: Magnetic materials</p>
12.		<p>Name: Zainit Dhameliya Supervisor: Dr. Debesh R. Roy Category: PEC Admission no.: D20PH010 Research area: TMDCs, Drug – nanoparticle interaction, Bimetallic nanoparticle</p>
13.		<p>Name: Anju Supervisor: Dr. Lalit K. Saini Category: FIR Admission no.: D20PH012 Research area: Applications of Porphyrin</p>
14.		<p>Name: Bhautik Gevariya Supervisor: Dr. Vipul A. Kheraj Category: PEC Admission no.: D20PH014 Research area: Optoelectronic devices optimization using algorithm.</p>





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15.		<p>Name: Soumya Sundar Parui Supervisor: Dr. Vipul A. Kheraj Category: FIR Admission no.: D20PH015 Research area: Perovskite Solar Cell, Thin Films1 Optoelectronic Devices, Laser Assisted Material Synthesis.</p>
16.		<p>Name: Pooja Jakhad Supervisor: Prof. A. K. Rai Category: FRS Admission no.: DS20PH001 Research area: Spectroscopy of heavy- light baryons</p>
17.		<p>Name: Ayushi Nema Supervisor: Prof. K. N. Pathak Category: FIR Admission no.: DS20PH002 Research area: Space weather, Magnetosphere- ionosphere coupling, geomagnetic storms</p>
18.		<p>Name: Maulesh Vala Supervisor: Dr. Yogesh A. Sonvane Category: PEC Admission no.: DS20PH003 Research area: Theoretical material science, supercapacitor, energy storage materials</p>
19.		<p>Name: Rahul 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</p>



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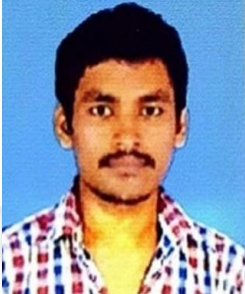



20.		<p>Name: Aditi Pathak Supervisor: Dr. Dimple V. Shah Category: FIR Admission no.: DS20PH005 Research area: Condensed Matter Physics- Optoelectronic materials</p>
21.		<p>Name: Santilata Sahoo Supervisor: Dr. Dimple V. Shah Category: FIR Admission no.: DS20PH007 Research area: Expt. Condensed Matter Physics</p>
22.		<p>Name: Vivek B. Katariya Supervisor: Dr. Dipika Patel, Dr. Y. K. Gupta - BARC (Co-supervisor) Category: FIR Admission no.: D21PH002 Research area: Experimental Nuclear Physics</p>
23.		<p>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)</p>
24.		<p>Name: Dipali Vadher Supervisor: Prof. K. N. Pathak Category: FIR Admission no.: D21PH004 Research area: Solar Physics, magnetic field, Switchbacks</p>



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25.		<p>Name: Shilpa Sharma Supervisor: Prof. K. N. Pathak Category: FSF Admission no.: D21PH007 Research area: Gravitational Wave Astronomy</p>
26.		<p>Name: Sujit Jana Supervisor: Dr. Vikash Kumar Ojha Category: FIR Admission no.: D21PH010 Research area: Hadron structure (GTMDs)</p>
27.		<p>Name: Janvi Gajjar Supervisor: Dr. Debesh R. Roy Category: FIR Admission no.: D21PH011 Research area: DFT-NEGF Formalism for Electron Transport in Molecular Devices</p>
28.		<p>Name: Pratik Patel Supervisor: Dr. Sharad K. Yadav Category: FIR Admission no.: D21PH012 Research area: Magnetohydrodynamic Turbulence</p>
29.		<p>Name: Sadhana Matth Supervisor: Dr. Himanshu Pandey Category: FIR Admission no.: D21PH013 Research area: Density Functional Theory</p>









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30.		<p>Name: Trilokchand Kumavat Supervisor: Dr. Yogesh A. Sonvane Category: FIR Admission no.: D21PH014 Research area: Multifunctional materials, Interface engineering, energy storage device</p>
31.		<p>Name: Parth Patel Supervisor: Prof. K. N. Pathak Category: FSF Admission no.: D21PH015 Research area: Aerosol optical properties, Black carbon, Aerosol radiative forcing</p>
32.		<p>Name: Aparnakumari Patel Supervisor: Dr. Yogesh A. Sonvane Category: FPS Admission no.: D21PH016 Research area: DFT, Thermoelectric, Machine Learning</p>
33.		<p>Name: Malhar Bhatt Supervisor: Dr. Yogesh A. Sonvane Category: FSF Admission no.: DS21PH001 Research area: Machine learning, DFT</p>
34.		<p>Name: Vipul B. Rohit Supervisor: Dr. Sharad K. Yadav Category: FIR Admission no.: D22PH002 Research area: Complex Plasma</p>



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35.		Name: Naresh Prajapati Supervisor: Dr. Himanshu Pandey Category: FIR Admission no.: D22PH003 Research area: Nanomaterials
36.		Name: Rajsinh Rana Supervisor: Dr. Shail Pandey Category: FIR Admission no.: D22PH004 Research area: Microwave Plasma Simulations
37.		Name: Chetan Lodha Supervisor: Prof. A. K. Rai Category: FSF Admission no.: D22PH005 Research area: Spectroscopy and decay properties of exotic particles
38.		Name: Ashvin Dalsukhbhai Kanzariya Supervisor: Dr. Lalit K. Saini Category: FIR Admission no.: D22PH006 Research area: DFT, HER and Hydrogen storage
39.		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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40.		<p>Name: Shubhankur Suvansh Supervisor: Dr. Shail Pandey Category: FIR Admission no.: D22PH008 Research area: ECR Plasma Thruster</p>
41.		<p>Name: Vandana Patel Supervisor: Prof. A. K. Rai Category: FRS Admission no.: D22PH009 Research area: High Energy Physics, Spectroscopy of Hadron Physics</p>
42.		<p>Name: Krishna Supervisor: Dr. Lalit K. Saini Category: FIR Admission no.: D22PH010 Research area: Atomic &amp; Molecular Clusters (Non-Covalent Interaction)</p>
43.		<p>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</p>
44.		<p>Name: Govind Singh Yadav Supervisor: Dr. Mithun Karmakar Category: FIR Admission no.: DS22PH001 Research area: Plasma-based particle accelerator</p>



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45.		<p>Name: Niket Raval Supervisor: Dr. Vipul A. Kheraj Category: FSF Admission no.: DS22PH002 Research area: Synthesis of Antimony-based perovskite using slot-die coating technique, solar-cell device fabrication.</p>
46.		<p>Name: Mariya Ughradar Supervisor: Dr. Vikash Kumar Ojha Category: FSF Admission no.: DS22PH003 Research area: Quantum information entropies</p>
47.		<p>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</p>
48.		<p>Name: Chirag Rathi Supervisor: Dr. Debesh R. Roy Category: FIR Admission no.: D23PH001 Research area: DFT, 2D-Materials</p>
49.		<p>Name: Adityakumar Patel Supervisor: Dr. Debesh R. Roy Category: FSF Admission no.: D23PH002 Research area: Study of 2D material and heterostructure, a first principle calculations</p>



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50.		Name: Jay V. Vora Supervisor: Dr. Shail Pandey Category: FIR Admission no.: D23PH004 Research area: Microwave Plasma, Plasma Antenna
51.		Name: Jeet Karki Supervisor: Prof. A. K. Rai Category: FIR Admission no.: D23PH005 Research area: Hadron Spectroscopy, QCD some rules
52.		Name: Hetvi Jadav Supervisor: Dr. Himanshu Pandey Category: FSF Admission no.: D23PH006 Research area: DFT
53.		Name: Hardik Rathod Supervisor: Prof. A. K. Rai Category: FIR Admission no.: D23PH007 Research area: Elementary Particle Physics
54.		Name: Prasann Kshatriya Supervisor: Dr. Yogesh A. Sonavane Category: FSF Admission no.: D23PH008 Research area: Solar Cells, Twistronics, 2D Nanomaterial










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55.		<p>Name: Mukesh Kumar Thakan Supervisor: Dr. Vipul A. Kheraj Category: FIR Admission no.: D23PH009 Research area: Perovskite Solar Cell device Fabrication</p>
56.		<p>Name: Pawan Kumar Supervisor: Dr. Yogesh A. Sonavane Category: FIR Admission no.: D23PH010 Research area: Energy and storage device</p>
57.		<p>Name: Neha Sharma Supervisor: Dr. Vipul A. Kheraj Category: FSF Admission no.: DS23PH002 Research area: Perovskite Solar Cell, Devices optimization using the algorithm.</p>
58.		<p>Name: Pinal Gandhi Supervisor: Dr. Vipul A. Kheraj Category: PEC Admission no.: DS23PH003 Research area: Devices optimization using algorithm.</p>
59.		<p>Name: Nisha Khotele Supervisor: Dr. Debesh R. Roy Category: FRS Admission no.: DS23PH004 Research area: Material Science, Experimental Condensed matter physics</p>



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