



List of Ph.D. 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)



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
सरदारवल्लभभाईराष्ट्रीयप्रौद्योगिकीसंस्था, सुरत
DEPARTMENT OF PHYSICS

SVNIT

5.		Name: Anju Supervisor: Dr. Lalit K. Saini Category: FIR Admission no.: D20PH012 Research area: Applications of Porphyrin
6.		Name: Bhautik Gevariya Supervisor: Dr. Vipul A. Kheraj Category: PEC Admission no.: D20PH014 Research area: Optoelectronic devices optimization using algorithm.
7.		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.
8.		Name: Pooja Jakhad Supervisor: Prof. A. K. Rai Category: FRS Admission no.: DS20PH001 Research area: Spectroscopy of heavy- light baryons
9.		Name: Ayushi Nema Supervisor: Prof. K. N. Pathak Category: FIR Admission no.: DS20PH002 Research area: Space weather, Magnetosphere- ionosphere coupling, geomagnetic storms



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
सरदारवल्लभभाईराष्ट्रीयप्रौद्योगिकीसंस्था, सूरत
DEPARTMENT OF PHYSICS

SVNIT

10.		Name: Maulesh Vala Supervisor: Dr. Yogesh A. Sonvane Category: PEC Admission no.: DS20PH003 Research area: Theoretical material science, supercapacitor, energy storage materials
11.		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
12.		Name: Santilata Sahoo Supervisor: Dr. Dimple V. Shah Category: FIR Admission no.: DS20PH007 Research area: Expt. Condensed Matter Physics
13.		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)
14.		Name: Dipali Vadher Supervisor: Prof. K. N. Pathak Category: FIR Admission no.: D21PH004 Research area: Solar Physics, magnetic field, Switchbacks



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
सरदारवल्लभभाईराष्ट्रीयप्रौद्योगिकीसंस्था, सूरत
DEPARTMENT OF PHYSICS

SVNIT

15.		Name: Shilpa Sharma Supervisor: Prof. K. N. Pathak Category: FSF Admission no.: D21PH007 Research area: Gravitational Wave Astronomy
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



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
सरदारवल्लभभाईराष्ट्रीयप्रौद्योगिकीसंस्था, सुरत
DEPARTMENT OF PHYSICS

SVNIT

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: Battery
24.		Name: Vipul B. Rohit Supervisor: Dr. Sharad K. Yadav Category: FIR Admission no.: D22PH002 Research area: Complex Plasma



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
सरदारवल्लभभाईराष्ट्रीयप्रौद्योगिकीसंस्था, सुरत
DEPARTMENT OF PHYSICS

SVNIT

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



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
सरदारवल्लभभाईराष्ट्रीयप्रौद्योगिकीसंस्था, सुरत
DEPARTMENT OF PHYSICS

SVNIT

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



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
सरदारवल्लभभाईराष्ट्रीयप्रौद्योगिकीसंस्था, सुरत
DEPARTMENT OF PHYSICS

SVNIT

35.		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.
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: FSF Admission no.: D23PH002 Research area: Study of 2D material and heterostructure, a first principle calculations



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
सरदारवल्लभभाईराष्ट्रीयप्रौद्योगिकीसंस्था, सूरत
DEPARTMENT OF PHYSICS

SVNIT

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



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
सरदारवल्लभभाईराष्ट्रीयप्रौद्योगिकीसंस्था, सूरत
DEPARTMENT OF PHYSICS

SVNIT

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: HETAVI DHIMMAR Supervisor: Dr. Dimple V Shah Category: FIR Admission no.: DS24PH001 Research area: Condensed matter physics (optoelectronic materials)



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
सरदारवल्लभभाईराष्ट्रीयप्रौद्योगिकीसंस्था, सूरत
DEPARTMENT OF PHYSICS

SVNIT

50.		Name: Yadav Dipesh Kishorbhai Supervisor: Prof. Ajay Kumar Rai Category: ERS Admission no.: D24PH002 Research area: HIGH ENERGY PHYSICS
51.		Name: Prajapati Vraj Kumar Gopalbhai Supervisor: Prof. Ajay Kumar Rai Category: FIR Admission no.: D24PH002 Research area: Particle Physics, Hadron spectroscopy
52.		Name: Kukadiya Vivek Pravinbhai Supervisor: Prof. Dr. Vipul Kheraj Category: FIR Admission no.: D24PH005 Research area: Diamond, Lonsdaleite, Diaphite
53.		Name: Parth Zadafiya Supervisor: Dr. Yogesh Sonvane Category: ERS Admission no.: D24PH007 Research area: Thin Films Perovskite solar cell Density Functional Theory
54.		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 evolution (HER) and oxygen evolution (OER)



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
सरदारवल्लभभाईराष्ट्रीयप्रौद्योगिकीसंस्था, सुरत
DEPARTMENT OF PHYSICS

SVNIT

55.		Name: Divya Solanki Supervisor: Dr.Dimple V Shah Category: FSF Admission no.: D24PH011 Research area: Semiconductor material
56.		Name: Parimal Tandel Supervisor: Prof. Debesh R. Roy Category: FIR Admission no.: D24PH012 Research area: Cluster Assembled Materials (CAMs)
57.		Name: Shilpa Sharma Supervisor: Prof. K. N. Pathak Category: FIR Admission no.: D24PH013 Research area: Gravitational wave astronomy
58.		Name: Sonam Meena Supervisor: Dr. Vipul Kheraj Category: FIR Admission no.: D24PH014 Research area: Perovskite based Immunoassays
59.		Name: Baxi Deepam Chiragkumar Supervisor: Dr Dimple V Shah Category: FIR Admission no.: D25PH001 Research area: Nanoparticle and 2D materials



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
सरदारवल्लभभाईराष्ट्रीयप्रौद्योगिकीसंस्था, सूरत
DEPARTMENT OF PHYSICS

SVNIT

60.		Name: Rahulkumar Ishvarbhai Parmar Supervisor: Dr Mithun Karmakar Category: FIR Admission no.: D25PH002 Research area: Plasma Physics
61.		Name: Patel Tejaswini Narendrabhai Supervisor: Dr.Vipul Kheraj , Dr.Kirti Inamdar Category: ERS/FPS Admission no.: D25PH003 Research area: Electromagnetic Shielding
62.		Name: Kirti Sharma Supervisor: Dr. Vikash Kumar Ojha Category: FIR Admission no.: D25PH004 Research area: Nonlinear Dynamics
63.		Name: Bharat Masar Supervisor: Dr. Dimple V Shah Category: FIR Admission no.: D25PH006 Research area: Material Physics
64.		Name: Makvana Riyakumari Kamleshbhai Supervisor: Dr. Yogesh A Sonvane Category: FIR Admission no.: D25PH008 Research area: Battery, DFT



सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत
SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT
सरदारवल्लभभाईराष्ट्रीयप्रौद्योगिकीसंस्था, सूरत
DEPARTMENT OF PHYSICS

SVNIT

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

Contact details:

Email: AdmissionNumber[at]phy[dot]svn[dot]ac[dot]in

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