

Sardar Vallabhbhai National Institute of Technology, Surat (Gujarat)

List of Degree Recipients at Twentieth Convocation (2022-23 Passout)

Candidate to be conferred with Doctoral during Twentieth Convocation

Sr. No	Name of Student and Guide(s)	Admission No.	Year of Passing	Tital of the Thesis
Doctor of Philosophy in Chemical Engineering				
1	Doke Suhas Dashrath Guided by: Dr. V. N. Lad Dr. C. M. Patel	D17CH001	December 2022	Synthesis, Characterization and Modification of Silica Nanoparticles, Aerogels and Hydrogels
2	Modi Piyush Indravadan Guided by: Dr. Meghal A. Desai Prof. Jigisha K. Parikh	DS14CH003	December 2022	Extraction of Essential Oil from Cinnamon Bark using Process Intensified Approach
3	Jain Preeti Bhavarlal Guided by: Dr. M. A. Desai Dr. S. R. Patel	D17CH002	February 2023	Enhanced Extraction of Patchouli Oil from Pogostemon Cablin and Enrichment of Patchouli Alcohol Thereof
4	Amol Vijay Sonawane Guided by: Prof. Z. V. P. Murthy	D18CH003	March 2023	Studies on Membrane Bioreactor System for Different Wastewaters Treatment
5	Jain Suransh Guided by: Dr. Arvind Kumar Mungray	D17CH003	April 2023	Low-Cost Ceramic Membrane: Modification and Application in Microbial Fuel Cell
6	Bhagat Mandar Suresh Guided by: Dr. Alka Mungray Dr. Arvind Kumar Mungray	D18CH008	April 2023	Different Techniques to Improve the Osmotic Microbial Fuel Cell Performance
7	Asfak Yunusmohmed Patel Guided by: Dr. Alka Mungray Dr. Arvind Kumar Mungray	D18CH002	May 2023	Design Aspects for Resource Recovery from Source Separated Human Urine: A Sustainable Solution
8	Ku Priti Vinodpant Ganorkar Guided by: Dr. M. A. Desai Dr. G. C. Jadeja	D17CH009	June 2023	Waste Valorization of Water Hyacinth for Recovery of Valuable Compounds: A Sustainable Approach
9	Dhopte Balaji Sopanrao Guided by: Dr. V. N. Lad	D16CH001	July 2023	Studies on the Effects of Interfacial Interactions of Liquids Containing Selected Macromolecules

Sr. No	Name of Student and Guide(s)	Admission No.	Year of Passing	Tital of the Thesis
Doctor of Philosophy in Civil Engineering				
1	Joshi Bankimchandra Rajnikumar Guided by: Prof. S. M. Yadav	DS14CE005	September 2022	Simulation of Sediment Yield in the Upper Narmada River Basin Under Changing Land use and Land Cover
2	Mansuri Lukman Emtiyazbhai Guided by: Dr. Dilipkumar A. Patel	D17CE007	September 2022	Development of Artificial Intelligence-Based Automatic Visual Inspection and Maintenance Management System for Built Heritage
3	Pathan Azazkhan Ibrahimkhan Guided by: Prof. P. G. Agnihotri	D18CE007	September 2022	Flood Management of Coastal Region of Navsari City (Gujarat), India - A Case Study with Special Reference to Flood Management using Geospatial Techniques
4	Lokesh Gupta Guided by: Prof. Rakesh Kumar	DS17CE001	September 2022	Recarpeting Applications of Cold Mixes in the Wearing Courses of Urban Flexible Pavement
5	Umrvavia Niravkumar Baldevbhai Guided by: Prof. Chandresh H. Solanki	DS15AM002	October 2022	Lateral and Axial Behaviors of Cast CFG Pile in Soft Soil Under Static Loading
6	Shinde Vishal Baburao Guided by: Prof. Rakesh Kumar	DS15CE006	December 2022	Experimental Analysis of Rigid Pavement Joints by Remixing Concrete Mixes
7	Khan Asir Vali Mohd. Guided by: Dr. Ashish Dhamaniya Dr. Shriniwas Arkatkar	D15CE008	January 2023	Traffic Flow Analysis at Four-Legged Roundabouts Under Mixed Traffic Condition
8	Variyavwala Jigar Pramodkumar Guided by: Prof. A.K. Desai	DS17AM005	January 2023	Dynamic Performance Evaluation of a High-Speed Railway Cable-Stayed Bridge for Distinct Pylon Shapes in Context of Varying Train Speeds and Seismic Excitations
9	Shahane Hrishikesh Ashok Guided by: Dr. Satyajit Patel	DS17AM012	January 2023	Development of Angular Shaped Cold-Bonded Fly Ash Aggregates and its Characterization
10	VinodKumar Chaturbhai Panchal Guided by: Dr. G. R. Vesmawala	D14AM011	February 2023	Behavior of Lime and Marble Powder Waste on Performance of Self Compacting Concrete

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11	Vishal Harshadbhai Lad Guided by: Dr. D. A. Patel Prof. Krupesh A. Chauhan	DS17CE002	February 2023	Multi-Scale Methodologies to Evaluate, Prioritize, and Simulate Resilience of Bridges
12	Pardeshi Rahul Tarachand Guided by: Dr. Yogesh D. Patil	D18AM007	February 2023	Performance Evaluation of Innovative Headed Stud Shear Connectors in Composite Structure
13	Bura Akshay Ramesh Guided by: Dr. B.Kondraivendhan	D17AM009	February 2023	Carbonation Induced Corrosion Behavior of Reinforced Concrete
14	Partha Tripathy Guided by: Prof. K. A. Chauhan Prof. (Mrs.) A. K. Khambete	DS14CE003	March 2023	Composite Smartness Index for Million Plus Cities in Gujarat, India using Fuzzy Approaches
15	Sarde Bhagyashri Vivekanand Guided by: Dr. Y. D. Patil	DS17AM001	March 2023	Effect of Red Mud, Palm Oil Fuel Ash and Kaolin Clay as Filler and Methyl Methacrylate as Additive in Recycled Pet Resin Polymer Composite
16	Gunjal Sachin Madhavrao Guided by: Dr. B. Kondraivendhan	DS17AM016	March 2023	Use of the Calcined Clay-Limestone and Marble Stone Blended Cement Concrete for Sustainable Development of Cementitious System
17	Drashti Viralkumar Kapadia Guided by: Dr. Namrata D. Jariwala	D15CE002	April 2023	Multivariate Analysis of Tropospheric Ozone and Prediction Modelling using Machine Learning Techniques: A Case Study of Surat City
18	Ghate Aarti Sidram Guided by: Dr. P. V. Timbadiya	DS17CE004	April 2023	Effect of Temporal Discretisation on Rainfall Extremes and Development of True Interval Non-Stationary IDF Curves Over Indian Regions
19	Ronak Motiani Guided by: Prof. Sandip Vasanwala	DS17AM006	April 2023	Influence of Masonry Infill Configuration on Seismic Response of RC Frame Structures Over Soft and Medium Soil Conditions
20	Songara Jaysukh Chhaganbhai Guided by: Prof. J. N. Patel	D18CE019	April 2023	Farm Level Irrigation Water Management using Revolutionary Transdisciplinary Approach
21	Bhavita Subhashbhai Dave Guided by: Prof. C. H. Solanki	DS17AM013	May 2023	Performance Evaluation of Straw Geocell for Reinforcement of Unsaturated Soil with Centrifuge Modelling

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	Prof. A. K. Desai			
22	Uttam Kumar Guided by: Prof. S. A. Vasanwala	D14AM008	May 2023	Behavior of Piled Raft Foundation Subjected to Vertical and Horizontal Load
23	Sangita Vilas Pawar Guided by: Prof. P. L. Patel	D15CE012	May 2023	Intuitionistic Fuzzy Optimization Approach in Multiobjective Optimization of Water Resources Systems
24	Manali Sumit Patel Guided by: Prof. C. H. Solanki	DS17AM008	May 2023	Seismic Hazard Analysis and Microzonation Studies for Bharuch City and Surrounding Region
25	Chintaman Santosh Bari Guided by: Dr. Ashish Dhmaniya Prof. Satish Chandra	D19CE006	June 2023	Capacity and Level of Service Study at Electronic Toll Collection Operated Toll Plazas Under Mixed Traffic Conditions
26	Shaikh Irshad Naimoddin Guided by: Prof. M. Mansoor Ahammad	DS17CE006	June 2023	Characterization and Physicochemical Treatment of Greywater
27	Vipin Kumar Yadav Guided by: Prof. S. M. Yadav	D17CE003	July 2023	Bed Load Measurement and Analysis in Ephemeral Rivers
28	Khushbu Shashikant Gandhi Guided by: Dr. Shruti J. Shukla	DS16AM001	July 2023	Behaviour of Expansive Clay Treated with Industrial Waste Bagasse Ash and Varying Slags
29	Barmade Satish Sheshrao Guided by: Dr. Ashish Dhamaniya Dr. Satyajit Patel	DS16CE003	July 2023	Laboratory and Field Evaluation of Stabilized Waste Material for use in Base and Subbase Layer of Flexible Pavement
30	Ritica Thakur Guided by: Prof. V. L. Manekar	D18CE018	July 2023	Study of Climate and LULC Changes on Hydrologic Response of River Basin
31	Deshmukh Rohan Rajendra Guided by: Dr. Satyajit Patel, Prof. J. T. Sahoo	DS17AM011	July 2023	Field Evaluation of Geosynthetic-Reinforced Flexible Pavement
32	Gandhi Fenil Rajeshkumar Guided by: Prof. J. N. Patel	D18CE011	August 2023	Conjunctive use Planning for Surface Water and Groundwater using Transdisciplinary Approach and Community Participation

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33	Bhosale Suraj Dharamraj Guided by: Prof. A. K. Desai	DS17AM010	September 2023	Study on Fiber Mortar Confined Masonry Infill Wall Subjected to Dynamic Loading in Building
34	Navale Avinash Vitthal Guided by: Prof. C. H. Solanki	DS15AM001	September 2023	Analysis of Laterally Loaded Pile Group in Horizontal and Near Sloping Ground
35	Jerin Joseph Guided by: Dr. Shailendra Kumar	D17AM013	September 2023	Performance of Granular Pile Anchor in Sand
36	Salla Sanjay Rajendrakumar Guided by: Prof. Chetan D. Modhera	DS17AM003	September 2023	Experimental Investigations on Optimized Ternary Blended Concrete Containing Slag-based Mineral Admixtures
Doctor of Philosophy in Computer Engineering				
1	Jethava Gordhanbhai Bhuthabhai Guided by: Dr. Udai Pratap Rao	D18CO004	October 2022	Security and Trust Management Approaches for Online Social Networks
2	Shivaji Ramdas Lahane Guided by: Dr. (Mrs.) Krupa N. Jariwala	D17CO003	November 2022	A Novel Cross Layer Cross Domain Hybrid Routing Model and its Optimization Techniques for Cluster Based Dense WSN
3	Mahajan Rital Sharadbhai Guided by: Prof. Mukesh A. Zaveri	DS15CO004	December 2022	Computational Humor and Emotion Recognition in Multilingual Context using Semantic Based Analysis
4	Patel Anshuman Satishkumar Guided by: Prof. Devesh C. Jinwala	DS15CO006	February 2023	Analysis and Mitigation of Denial of Service Attacks in 6LoWPAN Based Internet of Things
5	Patel Himanshu Bhikhubhai Guided by: Prof. Devesh C. Jinwala	DS14CO003	May 2023	Analysis and Mitigation of Blackhole Attacks in 6LoWPAN Based Internet of Things
6	Kadhiwala Bintu Bharatkumar Guided by: Dr. Sankita J. Patel	DS15CO003	May 2023	Privacy-Preserving Approaches for Insider Attack Prevention in Collaborative Social Network Data Publishing Setup
7	Desai Mitali Hemantkumar Guided by: Dr. R. G. Mehta Dr. D. P. Rana	DS17CO003	May 2023	A Systematic Approach to Identify and Rank Influential Scholars from Digital Scholarly Platforms
8	Isha Yash Agarwal	D17CO004	May 2023	Novel Approaches for Fake News Detection in Healthcare

Sr. No	Name of Student and Guide(s)	Admission No.	Year of Passing	Tital of the Thesis
	Guided by: Dr. Dipti P. Rana			Domain
Doctor of Philosophy in Electrical Engineering				
1	Gor Chandaniben Pankajkumar Guided by: Prof. Varsha A. Shah Dr. Makarand M. Lokhande	D14EL001	September 2022	Investigations on Fault Tolerant Control of Five Phase Induction Motor Drive Over the Entire Speed Range for Electric Vehicle
2	Agrawal Sunil Kumar Guided by: Dr. Prasanta Kundu	DS14EL003	September 2022	A Novel Methodology for Optimal Placement of VSC-HVDC Converter with Techno-Economic Optimization using UOPF Modelling
3	Mohite Utkarsha Laxman Guided by: Dr. Hirenkumar G. Patel	DS17EL006	September 2022	Cancer Chemotherapy Dosage Estimation with Error Function Based Extended Kalman Filter
4	Sayed Javed Alam Guided by: Dr. Sabha Raj Arya	D17EL004	September 2022	Control Algorithms for Unified Power Quality Conditioner to Mitigate Power Quality Problems
5	Neeraj Kumar Singh Guided by: Dr. Vasundhara Mahajan	D18EL003	October 2022	Cyber-Security of Critical Infrastructure in Cyber-Physical Systems of Smart Grid
6	Dube Deepali Yogendra Guided by: Prof. Shambhu Nath Sharma Dr. Hiren G. Patel	DS15EL003	February 2023	Analysis and Control of Aerial Systems
7	Ramanjaneyulu Alla Guided by: Prof. Anandita Chowdhury	D17EL005	February 2023	Novel High Voltage Gain Impedance Source Converters for Standalone and Grid Connected Photovoltaic Applications
8	Chaudhari Mandar Kadu Guided by: Prof. Anandita Chowdhury	DS14EL002	February 2023	Design and Performance Analysis of Low Power Line Start Single-Phase and Three-Phase Synchronous Reluctance Motors Derived from Induction Motors
9	Jayadeep Srikakolapu Guided by: Dr. Sabha Raj Arya Dr. Rakesh Maurya	DS17EL003	March 2023	Control Algorithms for DSTATCOM and its Application in Distributed Power Generation
10	Jyoti Gupta Guided by: Dr. Rakesh Maurya	DS17EL001	March 2023	On-Board Electric Vehicle Battery Chargers with Enhanced Power Conditioning Features

Sr. No	Name of Student and Guide(s)	Admission No.	Year of Passing	Tital of the Thesis
	Dr. Sabha Raj Arya			
11	Dhrupa Mukeshbhai Patel Guided by: Prof. Anandita Chowdhury	D17EL002	April 2023	Design and Analysis of Sen Transformer in Distribution Systems for Line Loss Reduction and Voltage Regulation
12	Shimin V. V. Guided by: Prof. V. A. Shah Dr. M. M. Lokhande	DS14EL004	May 2023	Battery-Ultracapacitor Composite Power Supply and Their Energy Management for Light Electric Vehicles
13	Medewar Prashant Ganesh Guided by: Dr. H. G. Patel Prof. S. N. Shah	DS17EL005	August 2023	Some Contributions to Nonlinear Systems, Stochastic Processes and Carleman Linearization: A Unifying Approach
14	Manish Yadav Guided by: Dr. H. G. Patel	DS17EL007	August 2023	Control of Non-Minimum Phase Systems using Inverse Response Compensator
15	Prashant Kumar Guided by: Dr. Sabha Raj Arya Dr. K. D. Mistry	D19EL005	August 2023	Intelligent Control for Dynamic Voltage Restorer
Doctor of Philosophy in Electronics Engineering				
1	Shah Raj Sanjivkumar Guided by: Dr. Rasika N. Dhavse	D16EC005	November 2022	Design of Single Electron Transistor (SET) and Novel Hybrid Single Electron Transistor-Metal Oxide Semiconductor (SETMOS) Technique for Ultra-low-power Voltage Controlled Oscillator
2	Adhvaryu Meghayu Atulkumar Guided by: Dr. Piyush N. Patel Prof. Chetan D. Modhera	D14EC011	November 2022	Design and Fabrication of Prototype Sensors for Monitoring Crack Patterns, Rebar Corrosion and Vibration in Civil Structures
3	Naveen Kumar Kabra Guided by: Dr. Zuber M. Patel	DS16EC003	November 2022	Design of Energy Efficient Radix-8 RNS RISC Processor with Multi-Modulus
4	Varun Srivastava Guided by: Dr. Abhilash Mandloi	DS16EC004	December 2022	Performance Analysis of FSO Systems with Wavelength Diversity Under Turbulent Atmospheric Conditions
5	Sruthi S Guided by: Dr. Rasika Dhavse	D16EC003	December 2022	Multi-Frequency Bio-Impedance Measurement Device (MFBIMD) for Wound Assessment

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	Prof. Jignesh N. Sarvaiya			
6	Ketki Chintankumar Pathak Guided by: Prof. Jignesh. N. Sarvaiya Dr. Anand D. Darji	D14EC007	December 2022	Low Power Adaptive Intra Prediction Architectures for Medical Image Compression in Telemedicine Applications
7	Shah Arpan Hasmukh Mayuri Guided by: Dr. Piyush N. Patel	D18EC004	December 2022	Development of Different Types of E-Textile Antennas for Various Applications
8	Abhishek Tripathi Guided by: Dr. Shilpi Gupta Dr. Abhilash Mandloi	D17EC002	January 2023	Performance Analysis of Hybrid Free Space Optical Communication System Under Atmospheric Conditions
9	Tiwari Pradeep Deenanath Vijaylakshmi Guided by: Dr. Anand D. Darji	DS14EC007	March 2023	Multimodal Stress/Emotion Recognition Techniques Based on Dynamic Feature Extraction from Video Clips
10	Solanki Miteshbhai S Guided by: Dr. (Mrs.) Shilpi Gupta	DS16EC001	March 2023	Performance Analysis of Conjugate Gradient Based Detection Schemes for Massive MIMO System
11	Dhiraj Kumar Patel Guided by: Dr. Abhilash Mandloi	D17EC005	April 2023	Investigation of Forward Error Correction Enabled Free Space Optical Link for High Data Rate Transmission
12	Gheewala Shaileshkumar Mahendralal Guided by: Dr. Piyush N. Patel Dr. Rasika Dhavse	DS14EC004	July 2023	Development of Porous Silicon Structure by Pulsed Fiber Laser for Capacitive Sensing Applications
13	Sagar Pareshkumar Ramanbhai Guided by: Dr. Piyush N. Patel	D18EC002	August 2023	Design, Fabrication and Testing of ENG Metamaterial Based Microwave Devices for Soil Characterization by Dielectric Measurements
14	Ramya R Guided by: Dr. Shilpi Gupta	D18EC001	August 2023	Investigations and Implementation of Circularly Polarized Slot and Fractal DGS Antennas for Sub 6 GHz Applications
Doctor of Philosophy in Mechanical Engineering				
1	Magar Ashok Baban Guided by: Dr. Achchhe Lal	DS14ME011	September 2022	Probabilistic Progressive Failure Analysis of Composite Plates With and Without Discontinuities

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2	Tiwari Nilesh Wokilprasad Guided by: Prof. A. A. Shaikh	DS18ME002	September 2022	Material Characterizations of Shape Memory Hybrid Composites Modified with Graphene Nanoplatelets and its Numerical Analysis
3	Sunny Saini Guided by: Prof. Jyotirmay Banerjee	D17ME001	September 2022	Flow Visualization and Recurrence Analysis for Identifying the Mechanism of Aeration in Two-Phase Slug Flow through Horizontal Pipes
4	Neeraj Verma Guided by: Dr. Beena D. Baloni	D16ME003	September 2022	Aerodynamic Design Optimization of sHAWT having Multiple Airfoils with Chord Based Reynolds Number Consideration
5	Patel Himanshubhai Vayalbhai Guided by: Dr. Harshit K. Dave	D16ME005	October 2022	Experimental Study and Simulation of Different Flow Front Pattern on Mechanical Properties during VARTM Process of Synthetic Fiber Reinforced Hybrid Composite Material
6	Shete Pankaj Chintaman Guided by: Dr. Ravi Kant	DS17ME007	November 2022	Study of Selected Issues of Sustainable Supply Chain Innovation for Indian Manufacturing Organization
7	Lahane Swapnil Sonajirao Guided by: Dr. Ravi kant	D18ME009	December 2022	Study of Selected Issues of Circular Supply Chain Implementation for Indian Manufacturing Organizations
8	Bhamare Dnyandip Kailas Guided by: Dr. M. K. Rathod Prof. Jyotirmay Banerjee	D17ME003	December 2022	Phase Change Material Based Passive Cooling System for Heat Gain Reduction of Building Roof: Performance Assessment in Indian Context
9	Vyas Akash Atulbhai Guided by: Dr. (Mrs.) J. V. Menghani	D18ME005	February 2023	Investigation on Metallurgical, Mechanical, Corrosion and Erosion Behaviour of Laser Cladded High Entropy Alloy Coatings
10	Chitturi Sai Krishna Guided by: Prof. A. A. Shaikh	D16ME001	February 2023	Investigation of Static & Dynamic Behavior of Sandwich Hybrid Composite Armor Plate
11	Shah Parth Dilipkumar Guided by: Dr. R. D. Shah Prof. S. A. Channiwala	DS14ME004	February 2023	Mathematical Modelling and Experimental Investigations of Multi-Cylinder S. I. Engine with Producer Gas, Natural Gas and Their Various Combinations as Fuel

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12	Patel Nikunj Kumar Ganeshbhai Guided by: Dr. Mukund H. Bade	DS14ME003	February 2023	Energy Model Based Benchmarking and Parametric Analysis of Stenter for Surat (India) Textile Processing Cluster
13	Teraiya Soham Kantilal Guided by: Prof. Shailendra Kumar	DS18ME009	February 2023	Experimental Investigation on Mechanical Properties of Anti-Tetrachiral Auxetic Cellular Structures Fabricated by Material Extrusion
14	Saindane Udaykumar Vikram Guided by: Dr. Sandeep Soni Dr. (Mrs.) J. V. Menghani	DS17ME002	March 2023	Investigation and Characterization of Polymer Based Composites for Brake Pad Applications
15	Prajapati Ashish Rajeshkumar Guided by: Dr. H. K. Dave Prof. H. K. Raval	D18ME001	June 2023	Investigation on Mechanical Properties of Continuous Fiber Reinforced Composites Printed by Fused Deposition Modeling Process
16	Vaidya Hemish Arunchandra Guided by: Dr. M. K. Rathod Prof. S. A. Channiwala	D15ME008	July 2023	Design, Development and Analysis of Novel Lightweight Polycarbonate Solar Cooker
17	Shah Maitrik Kaushikbhai Guided by: Dr. Beena D. Baloni Prof. S. A. Channiwala	DS14ME001	August 2023	Centrifugal Pump Performance Assessment and Optimization with Numerical Simulation and Grade 1 Experimental Setup
Doctor of Philosophy in Chemistry				
1	Vinita Bhardwaj Guided by: Dr. Suban Kumar Sahoo	D18CY002	October 2022	Development of Fluorescent Sensors using Vitamin B ₆ Cofactors and Their Applications
2	Vinod Kumar Guided by: Dr. Ketan C. Kuperkar	DS17CY005	February 2023	Self-Assembly and Micellar Transition Induced in Surfactant-Additive System
3	Borse Shraddha Kishor Guided by: Dr. K. Suresh Kumar Prof. Z. V. P. Murthy	D18CY004	February 2023	Design and Synthesis of Metal Nanoclusters for Detection of Drugs and Biomarkers
4	Lankapati Henilkumar Madhusudan Guided by: Dr. Kalpana C. Maheria	DS15CY001	March 2023	Synthesis and Characterization of Waste Coal Fly Ash Derived Zeolites and Zirconium Based Hybrid Materials: An Evaluation of Their Sorption and Catalytic Properties

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5	Nayak Jyotsnamayee Narayan Guided by: Dr. Suban Kumar Sahoo Dr. Rajendra Kumar	DS17CY003	April 2023	Biocompatible Smart Nanoparticle Based Drug Delivery Vehicles for Effective Anticancer Treatment
6	Pothabathula Seshu Vardhan Guided by: Dr. Suban K. Sahoo	D19CY007	May 2023	Computational Studies on Repositioning Phytochemicals Against SARS-CoV-2 and monkeypox
7	Patel Divya Kishorbhai Guided by: Dr. Ketan C. Kuperkar	DS18CY002	June 2023	Influence of Additives on the Solution and Micellization Behaviour of Linear Block Copolymers
Doctor of Philosophy in Mathematics				
1	Varsoliwala Archana Chandrakant Guided by: Dr. Twinkle R. Singh	D18MA004	September 2022	Solution of Different Mathematical Models by Elzaki Adomian Decomposition Method
2	Bansu Hitesh Narendrabhai Guided by: Dr. Sushil Kumar	DS14MA003	September 2022	Numerical Studies on Some Fractional Mathematical Models in Physics and Biology using Collocation Method Based on Radial Basis Functions and Chebyshev Polynomials
3	Vandana Yashwant Kakran Guided by: Dr. Jayesh M. Dhodiya	DS17MA002	September 2022	A Study on Some Variants of Transportation Problem Under Uncertain Environment
4	Vinod Kumar Jatav Guided by: Prof. Ajay kumar Shukla	D19MA006	December 2022	A Study on the Laguerre Type Polynomials
5	Patel Farhatbanu Hasmatali Guided by: Prof. A. K. Shukla Dr. R. K. Jana	D19MA009	January 2023	A Study on Extended Generalized Bessel Function
6	Surbhi Navnit Tilva Guided by: Dr. Jayesh M. Dhodiya	D18MA003	March 2023	Solution of Some Uncertain Multi-Objective 0-1 Integer Programming Problems by Hybrid Meta-Heuristic Approach
7	Rohit Verma Guided by: Dr. Sushil Kumar	DS18MA001	May 2023	Numerical Simulation of non-Fourier Bioheat Equation with and without Phase Change using RBF Meshfree Method
8	Bhoi Sunil Bhaidas Guided by: Dr. Jayesh M. Dhodiya	D18MA001	July 2023	A Study on Some Multi-Objective University Program Course Scheduling Problems and its Solution by Fuzzy

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				Programing Technique Under Uncertainty
Doctor of Philosophy in Physics				
1	Shaikh Israr Abdulahmed Guided by: Dr. Dimple V. Shah	D14PH002	October 2022	Synthesis and Characterization of Transition Metal Doped Fe ₃ O ₄ @ZnS Nanoparticles with Perspectives in Biomedical Applications
2	Vishva Mahavir Jain Guided by: Dr. Dimple V. Shah	D15PH006	January 2023	Facile Synthesis of Mo _{1-x} V _x Oxides Nanostructure and Their Applications
3	Sondarva Sohal Jayantilal Guided by: Dr. Dimple V. Shah	D18PH008	March 2023	Synthesis and Characterizations of Cr, Cd doped Mn ₃ TeO ₆ Compounds for Electric and Magnetic Responses
4	Tiwari Rohitkumar Pawansut Guided by: Dr. Ajay Kumar Rai	D18PH006	March 2023	Mass-Spectra of Heavy and Light Flavoured Tetraquarks
5	Chaudhari Vilas Pababhai Guided by: Dr. Debesh R. Roy	D17PH003	March 2023	Synthesis and Characterization of Metal Hydroxide and Metal Sulfide Nanoparticles and their Significant Antimicrobial Activity Against Pathogenic Strains
6	Pankaj Kumar Guided by: Dr. Debesh R. Roy	D18PH001	April 2023	2D Halides, Chalcogenides and Carbides for Optical, Thermoelectric and Gas Sensing Applications
7	Kakadiya Ameer Anilbhai Guided by: Dr. A. K. Rai	DS18PH001	August 2023	Spectroscopic Properties of Heavy Baryons
8	Kaushal Ramkrushna Purohit Guided by: Dr. A. K. Rai	D19PH003	September 2023	Eigensolution of the Various Potentials and its Application in Different Fields
Doctor of Philosophy in English				
1	Parekh Krupali Sanjaybhai Guided by: Dr. Urvashi Kaushal	D17EN001	January 2023	A Study of Violence in the Works of Tahmima Anam and Sorayya Khan