

Institute Of Science

Student	Year	Area of Specialization	Guide	Topic
Ritesh Patadia	2008	Biotechnology	Dr. Y. K. Agrawal	Resorcinarenes : Synthesis, Characterization and their Analytical Applications
Banerjee Aryamitra	2009	Biotechnology	Dr. Manish Nivsarkar	Inflammatory Mechanism In Rhodent Implantation : Cytosolic Phospholipase A2 (cPLA2) And Its Regulation Via Calcium Channel
Suranjana Ghosh	2009	Biotechnology	Dr. J. Banerjee	Fractional Revivals In Quantum Systems and their Applications
Utpal Roy	2009	Biotechnology	Dr. P. K. Panigrahi	Solutions In Non-Linear Media and Their Coherent Control
Deb Subimal	2009	Biotechnology	Dr. J. Banerjee	Self-imaging and its applications to multimode interference (MMI) and photonic band gap devices
Shah Jigar J.	2011	Chemistry	Dr. Y. K. Agrawal	Supramolecules: Synthesis, Characterization & Application
Thakar Devarshi	2011	Chemistry	Dr. Y. K. Agrawal	Studies on Supramoleculer Assembles & their Application.
Pancholi Jigar P.	2011	Chemistry	Dr. Y. K. Agrawal	The Design & Application of Multifunctional Ligands

Kothari Vijayraj	2011	Biotechnology	Dr. Sriram Sheshadri	Screening of various plant products/ extracts for antimicrobial and antioxidant properties and to investigate correlation of the later with phenolic content of the sample
Dhawan Dipali S.	2011	Biochemistry	Dr. Harish Padh	Molecular Biomarkers for Cancer Chemotherapy in Indian population
Patel Parul D.	2012	Remote Sensing	Dr. R. R. Navalgund	Target Parameter Retrieval using SAR Polarimetry
Chaudhury Harshita	2012	Biotechnology	Dr. Sriram Sheshadri	Screening and Evaluation of Various Plant Extracts as Anti-Cancer and Mutlidrug Resistance Reversal Agent
Almal Suhani H.	2013	Biochemistry	Dr. Harish Padh	Genetic Variations in Indian population: implications for health
Patel Nikulkumar Navinbhai	2013	Biochemistry	Dr. P. N. Dave	Studies on Multiple Unsaturated Poly (Urethan-Ester) Containing Epoxy Residues
Kevadiya Bhavesh D.	2013	Biotechnology	Dr. Shalini Rajkumar	Synthesis and characterization of bionanocomposites as carrier for biotherapeutic molecules
Patel Ravish B.	2014	Biotechnology	Dr. Rustom Mody	Development of various In-vitro techniques, which can measure changes in the tertiary structure of proteins and correlating these changes to In-vivo (animal-based) potency

Satya Prakash	2014	Physics	Dr. R. M. Gairola	Satellite based oceanic precipitation and salinity estimation and their applications to various process studies
Basnett Smriti	2014	Geography and Geology	Dr. A. V. Kulkarni	Glacier and Snow Studies in Sikkim Himalaya using Remote Sensing Techniques
Jena Prasant Kumar	2014	Biochemistry	Dr. Sriram Sheshadri	Role of Probiotic Lactobacillus on the Physiology and Gastrointestinal Immunology in Response to Dietary Status of Rat
Jog Rahul Narendra	2014	Biotechnology	Dr. Shalini Rajkumar	Diversity and plant growth promotion abilities of actinomycetes in wheat rhizosphere of Gujarat region
Sakhrani Niraj Mohan	2014	Biochemistry	Dr. Harish Padh	Endocytosis Based Targeted Drug Delivery Using Nanoparticles.
Jivrajani Mehul N.	2015	Life Science	Dr. Manish Nivsarkar	Targeted delivery of shRNA to cancer cell
Pandya Dhairvatkumar H.	2015	Chemistry	Dr. Kamala Vasu	Design Synthesis and Pharmacological Evaluation of Novel Ligands for Adenosine Receptors
C. Mahesh	2015	Physics	Dr. R. M. Gairola	Rainfall retrieval algorithms from satellite microwave and optical measurements and its applications

Trivedi Disha Hareshbhai	2015	Biotechnology	Dr. Sriram Seshadri	Isolation, Characterization And Assessment Of Antimicrobial Potential Of Urino-Vaginal Microorganisms and their Application In the Development Of Microbicides
Pandya Maharshi Piyooshbhai	2015	Biotechnology	Dr. Shalini Rajkumar	Role of non-rhizobial rhizobacteria and rhizobia on the nodule development in legumes
Varunika Jain	2015	Geomatics / Geoinformatics	Dr. Manab Chakraborty	Formulation of a crop information retrieval system based on biophysical and weather parameters
Manik Mahapatra	2015	Geology / Geoinformatics / Remote Sensing	Dr. A. S. Rajawat	Vulnerability of Gujarat coast due to sea level rise - an investigation based on remote sensing & GIS techniques
Yadav Sheetal	2016	Biotechnology	Dr. Neeta Srivastava	Intron-mediated enhancement of the expression of heterologous proteins in plants
Rajput Mahendrapal Singh M.	2016	Biochemistry	Dr. Shalini Rajkumar	Carbon Catabolite Repression of Organic Acids in Phosphate Solubilizing Klebsiella Species
Indira Bora	2016	Biotechnology	Dr. Neeta Srivastava	Inhibition of breast cancer progression by multi targeting approach using RNAi as a tool: An in Vitro Approach
Gupta Anuroopa	2016	Biotechnology	Dr. Harish Padh	Genetic polymorphism and infectious diseases in Indian population

Purandhar Kaveri	2016	Biochemistry	Dr. Sriram Seshadri	Understanding the role of Toll-Like Receptors and Catspers in Male Reproductive Functioning
Sharma Poojadevi	2016	Biotechnology	Dr. Neeta Srivastava	Metabolic engineering in catharanthus roseus using rnai as a tool
Prabhjot Kaur	2016	Geology	Dr. A. S. Rajawat	Compositional Variability of Lunar Basalts in selected Basins using Chandrayaan-1 data
A. Abiramasundari	2016	Chemical Science	Dr. Kamala Vasu	Degradation studies of Cardiovascular and Nonsteroidal anti-inflammatory drugs and synthesis of the degradation products
Tripathy Madhumita	2016	Physics & Geoinformatics	Dr. Prakash Chauhan	Modeling photosynthetically available radiation (PAR) from satellite and field data and its impact on ocean primary production
Pareshkumar Ambalal Patel	2017	Mathematics	Dr. A. R. Patel	Modelling of Some Problems in Lubrication
Sonal Rameshchandra Sharma	2017	Biotechnology	Dr. Neeta Srivastava	Development of DNA Based Marker for Unequivocal Identification and Authentication of Medicinal Plants with Special Reference to Adulteration
Prajapati Bhumika Jayantkumar	2017	Biotechnology	Dr. Sriram Seshadri	Elucidating the Role of Pathogen Pattern Recognition Receptors and Inflammatory Mediators following Gut Microbiota alteration and in Diet induced Type 2 Diabetes
Suhani Sagar Patel	2017	Biotechnology	Dr. Sonal Bakshi	Study of Genotoxicity of Nanoparticles

Vyas Swapnil Sunil	2017	Remote Sensing	Dr. B. K. Bhattacharya	Regional Characterization of Agricultural Drought Using Remote Sensing Based Observations from Indian Geostationary Satellites
Zaveri Purvi Dilipkumar	2017	Biotechnology	Dr. Nasreen Munshi	Functional Microbial Diversity and Bacterial Flora in Common Effluent Treatment Plants of South Gujarat and Their Application
Mukul Bhatnagar	2017	Physics	Dr. Mukesh Ranjan	Growth Dynamics and Plasmonic response of Silver nanoparticles deposited on nanodots/nanorippled templates
Fulesh Kunwar	2018	Biochemistry	Dr. Sonal Bakshi	Human Congenital Disorders: A study of underlying genetic changes, manifestation & mechanism
Hardikkumar Bipinchandra Patel	2018	Biochemistry	Dr. Sarat Dalai	Dynamics of Radiation Attenuated Sporozoites Induced Liver-stage Specific CD8+ Memory T Cells following Infectious Sporozoite Challenge that ensue long-lived Protection Against Plasmodium Berghei Infection
Mohit Kumar	2018	Remote Sensing	Dr. A. S. Rajawat	Mangrove Cover Dynamics and Community Zonation in Gulf of Kachchh - A Study based on Synergistic Use of Optical and Microwave Satellite Data
Manoj Patidar	2018	Biotechnology	Dr. Sarat Dalai	Development of a Chimeric IL-15 to augment T-cell Response and Memory

Patel Palak Narendrabhai	2018	Biotechnology	Dr. Mili Das	Biophysical and in silico studies on inhibition of protein aggregation by small molecules
Harish Seth	2019	Physics	Dr. K. R. Murali	Study of spectral Characterization of Electro-optical sensors and apply it to analyze multispectral and Hyper Spectral Payloads
Aditi Mohan Krishnan	2019	Biochemistry	Dr. Sarat Dalai	Inclusion of Non-target antigen in vaccination favors generation of OV A specific CD4 Memory T Cells
Rajesh Parmar	2019	Biotechnology	Dr. Sarat Dalai	Infectious Nature of Plasmodium berghei sporozoite modulates APCs to induce better liver-stage memory CD8+T cells
Saiyed Nazia Mohammedahmed	2019	Life Science	Dr. Sonal Bakshi	A Study of Birth Defects: Genetic and Epigenetic Determinants
Garima Joshi	2019	Physical Science	Dr. Ganesh Ravi	Experimental studies of plasma in Electron magnetohydrodynamic regime
Neha Patni	2019	Chemistry	Dr. Shibu Pillai	Study of Polyaniline Based Composites for Electrochemical Applications
Joshi Chinmayi Kamleshkumar	2019	Life Science	Dr. Vijay Kothari	Investigation on anti-pathogenic potential of Panchvalkal and Punica granatum peel extract against certain human-pathogenic bacteria

Naveen Yadav	2019	Biotechnology	Dr. Sarat Dalai	Understanding the Plasmodium berghei liver-specific CD8 + T Cells: maintenance and role in liver damage
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