

## Ph.D. Degrees conferred

---

S. No.	Name of the Ph.D. Scholar	Name of the Guide	Registration No.	Department	Title	Year of Degree Awarded
1.	Ms. Pinky Shah	Dr. Darshna Potphode	75121160001	Chemistry	Development of Novel Fast-Release Combinations of Dual Therapy Cardiovascular Stent Coating Targeting Acute Stent Thrombosis	22-Aug-2025
2.	Ms. Neha Dubey	Dr. Sudeshna Chandra	75124180001	Chemistry	Upconversion Nanoparticles for Controlled Drug Delivery and Cell Imaging	20-Aug-2025
3.	Ms. Sneha Pathak	Dr. Sonal Manohar	75091019001	Biological Sciences	Investigating the Efficacy and Mechanism of Action of ONC201 in Cervical Carcinoma Cells	24-July-2025
4.	Ms. Evieann Cardoza	Dr. Harinder Singh	75102160001	Biological Sciences	Role of Cold Shock Proteins in Bacterial Stress Tolerance	06-Jun-2025
5.	Ms. Zoya Peerzada	Dr. Krutika Desai	75109150002	Biological Sciences	Evaluation of anti-Quorum sensing activity of Cassia Fistula (Aragvadha) Against Pseudomonas Aeruginosa	08-Oct-2024
6.	Ms. Rebecca D'souza	Dr. Ekta Khattar	75102160003	Biological Sciences	To Investigate the p53 Dependent Recovery Potential of Cancer Cells in Response to DNA Damage Induction	06-Aug-2024
7.	Ms. Asmita Kamble	Dr. Harinder Singh	75102150002	Biological Sciences	Understanding phytase thermostability: Bioprospecting and Modulation	12-Jul-2024

8.	Mr. Mitesh Joshi	Dr. Purvi Bhatt	75109160001	Biological Sciences	Synthesis and Characterization of Methotrexate Loaded Zinc Oxide Nano Particles for Efficient Delivery to Brest Cancer Cells	11-Jul-2024
9.	Mr. Shirish Phanse	Dr. Sudeshna Chandra	75121150004	Chemistry	Physico-chemical and Antimicrobial Efficacy of Encapsulated Dhavana Oil: Evaluation of Release and Stability Profile from Base Matrices	03-Jul-2024
10.	Ms. Vrundali Shinde	Dr. Krutika Desai	75102140006	Biological Sciences	Selenium-methionine Nanoparticles and its Application in Chronic Inflammatory Arthritis	11-Jun-2024
11.	Ms. Kavita Gala	Dr Ekta Khattar	75102160004	Biological Sciences	Investigation of Therapeutic Potential of Telomerase Inhibitors in Ovarian Cancer	03- Apr-2024
12.	Ms. Jasmeet Kaur Virdi	Dr. Prasad Pethe	75109160002	Biological Sciences	Understanding the activity of mechanosensors – YAP and TAZ in differentiating human pluripotent stem cells	24- Jan- 2024
13.	Ms. Shriya Sawant	Dr. Harinder Singh	75102150004	Biological Sciences	Bacterial Diversity in Oral microbiota and its association with Oral cancer	17-Oct-2023
14.	Mr. Ritesh Panchal	Dr Abhay Chowdhary	75102090009	Biological Sciences	To Access the Potential Anti- Viral Activity of Rosmarinic Acid and Lutein TO ACCESS THE POTENTIAL ANTI-VIRAL ACTIVITY OF ROSMARINIC ACID AND LUTEIN AGAINST 4 SEROTYPES OF DENGUE VIRUS.	06-Oct-2023

15.	Ms. Niloufer Dumasia	Dr. Prasad Pethe	75109150001	Biological Sciences	Investigating The Effect Of Signaling Pathways on The Activity Of Polycomb Group Proteins During Differentiation Of Human Pluripotent Stem Cells Into Pancreatic Lineage.	07-Jan-2023
16.	Ms. Aishwarya Shetty	Dr. Sudeshna Chandra	75102140005	Biological Sciences	Design of dual drug delivery system based on multi-modal inorganic nanoparticles.	20-Mar-2023
17.	Ms. Yashika Mirchandani	Dr. Brijesh S	75109140004	Biological Sciences	Combinatorial Drug Delivery Of Anti-Rheumatic Drugs Using Solid Lipid Nanoparticles for Rheumatoid Arthritis	12-Dec-2022
18.	Mr. Khurshid Alam Shaikh	Dr. Nancy Pandita	75121150008	Chemistry	Method Development, Validation and In-vivo Bioequivalence Studies of Novel Oral Anti-Coagulants (NOACs)	21-Oct-2022
19.	Mr. Amit Pawar	Dr. Nancy Pandita	75121150003	Chemistry	Analytical Method Development of Stability indicating UPLC methods for Antipsychotic drugs by "QbD" approach	09-Feb-2023
20.	Ms. Roli Dave	Dr. Ali Irani	75115140001	Physiotherapy	Study of work related musculoskeletal disorders and its effects on quality of life amongst selected group of defence personal.	2022
21.	Ms. Khadijeh Jawed Menai	Dr. Ali Irani	75115140004	Physiotherapy	Effects of Vitamin D3 and Vitamin B12 deficiency versus adductor training on performance in Indian football players.	2022
22.	Mr. Jayprakash Rao	Dr. Sudeshna Chandra	75121150006	Chemistry	Development of Micro-Encapsulated Water based Oxyfluorfen formulation and its stability study.	2022
23.	Ms. Divya Desai	Dr. Prasad Pethe	75102140001	Biological Sciences	Role of Polycomb Repressive Complexes in Neuronal Lineage Differentiation from Human Pluripotent Stem Cells.	2021

24.	Ms. Priyal Chikhaliwala	Dr. Sudeshna Chandra	75109140001	Biological Sciences	Development of dendrimer-magnetic nanoparticle based electrochemical biosensors.	2021
25.	Ms. Hetal Damani	Dr. Dhananjaya Saranath	75109140002	Biological Sciences	Integrative genomics and computational biology in oral cancer.	2021
26.	Ms. Swati Sahoo	Dr. Brijesh S	75102120001	Biological Sciences	Anxiolytic Activity of Medicinal Plants and Associated Changes in Brain.	2021
27.	Ms. Ruchita Shelat	Dr. Sudeshna Chandra	75109140005	Biological Sciences	Development of multifunctional nanomaterials for stem cell labelling and tracking.	2021
28.	Ms. Jeanette Martins	Dr. Brijesh S	75109120001	Biological Sciences	Anti-depressant Activities of Medicinal Plants as a replacement/adjunct for Selective.	2021
29.	Mr. Mangesh Sakhalkar	Dr. Sudeshna Chandra	75121150007	Chemistry	Synthesis & Application of aprotic ionic liquids.	2021
30.	Mr. Tejas Wattamwar	Dr. Nancy Pandita	75121150009	Chemistry	To Evaluate Metformin Combination Ant diabetic Drugs for the Simultaneous Determination and Method Validation for bioanalysis by LC-MS/MS.	2021
31.	Mr. Sunny Raina	Dr. Nancy Pandita	75121150005	Chemistry	In- vitro Bioequivalence study of bile acid sequestrant a by HPLC.	2021
32.	Ms. Supriya Bharte	Dr. Krutika Desai	75102110005	Biological Sciences	Enhancement of Biofuel production from Microalgae	2020
33.	Ms. Maneka Hoonjan	Dr. Purvi Bhatt	75109130001	Biological Sciences	Synthesis of Biocompatible Arsenic Trioxide Nanoparticles and Study of their Mechanism of Action in-vitro on Prostate Cancer Cell Lines.	2020

34.	Ms. Gita Singh	Dr. Sudeshna Chandra	75122150001	Chemistry	Development of Commercially Feasible Cost Effective Supercapacitors Based on Conducting Polymers and Metal Ferrites.	2020
35.	Mr. Nishant Salunke	Dr. Nancy Pandita	75108130001	Chemistry	Development and validation of stability indicating analytical methods for antibiotic drug substances.	2020
36.	Ms. Shreelekha Dutta	Dr. Aparna Khanna	75102090002	Biological Sciences	Role of phytoestrogens in modulating growth of breast carcinoma cells.	2019
37.	Ms. Miloni Thakkar	Dr. Brijesh S	75105110001	Biological Sciences	Studies on efficacy of niosomes for combinatorial drug delivery of anti-malarial drugs.	2019
38.	Ms. Samira Kargutkar	Dr. Brijesh S.	75105100002	Biological Sciences	Studies on in vitro and in vivo anti-rheumatic Activities of total tannins and total flavonoids from Ananas comosus.	2019
39.	Ms. Subuhi Yete	Dr. Dhananjaya Saranath	75109120004	Biological Sciences	Molecular Polymorphisms in Genes Associated with Cell Growth and Differentiation in Oral Cancer.	2019
40.	Ms. Mugdha Kunte	Dr. Krutika Desai	75105110004	Biological Sciences	Effect of microalgal extracts on human matrix metalloproteinase.	2019
41.	Ms. Priyanka Mokashi	Dr. Nancy Pandita	75102110001	Biological Sciences	Ant diabetic potential of some bioactive compounds from Enicostemma littorale blume.	2019
42.	Ms. Saniya Laheri	Dr. Purvi Bhatt	75102110002	Biological Sciences	Deciphering the Extra-Oviductal Role of Oviductal glycoprotein.	2019
43.	Ms. Madhuri Waghela	Dr. Nancy Pandita	75108120002	Chemistry	Study on interaction of Cytochrome P450 (CYP450) with an anti-diabetic herb.	2019

44.	Ms. Amruta Tambe	Dr. Nancy Pandita	75108120001	Chemistry	Isolation of bio-active constituents from Boswellia serrata and their solubility enhancement study.	2019
45.	Ms. Shaleen Multani	Dr. Dhananjaya Saranath	75109120004	Biological Sciences	Single Nucleotide Polymorphisms of Signal Transduction Genes in Oral Cancer.	2018
46.	Ms. Wendy D'souza	Dr. Dhananjaya Saranath	75102110003	Biological Sciences	Single nucleotide polymorphism in cellular metabolism and regulatory genes in oral cancer.	2018
47.	Ms. Shahin Pathan	Dr. Nancy Pandita	75104110001	Chemistry	Study of Adsorption Characteristic of Carbon nano materials synthesis from waste bio mass for removal and recovery of heavy metal iron (As, Pp,Cr).	2018
48.	Mr. Sagar Chhabria	Dr. Krutika Desai	75102090006	Biological Sciences	In situ allicin generation using targeted allinase delivery for inhibition of tumor growth and determining various mechanisms responsible for inhibition.	2017
49.	Mr. Vaibhav Jadhav	Dr. Purvi Bhatt	75102090003	Biological Sciences	Synthesis of Arsenic Trioxide Nanoparticles and their effect in vitro on Prostate Cancer.	2017
50.	Ms. Shruti Taparia	Dr. Aparna Khanna	75102090012	Biological Sciences	In Vitro Studies on effect of cocoa procyanidins on ovarian cancer using cell lines.	2017
51.	Ms. Juilee Patwardhan	Dr. Purvi Bhatt	75102090008	Biological Sciences	UV-B Protectant Activity and the Effect of Plant Extracts on the Regulation of Haem oxygenase 1 gene via Nrf2 and Antioxidant Response Element.	2017

52.	Ms. Swati Chitrangi	Dr. Aparna Khanna	75105110003	Biological Sciences	Development of in vitro three dimensional (3D) culture model of hepatocyte-like cells (HLC) using polymer scaffolds.	2017
53.	Mr. Viraj Yele Chhabria	Dr. Krutika Desai	75102080006	Biological Sciences	Organic solvent tolerant thermostable lipase from micro organisms: production, purification and characterization.	2017
54.	Ms. Vasudharani Agrawal	Dr. Chhaya Sawant	75105090004	Biological Sciences	Isolation and Characterisation of Microflora In Seborrhoeic Dermatitis of Scalp: A Step Towards The Search for a Possible Remedy.	2017
55.	Ms. Akshata Raut	Dr. Aparna Khanna	75102100005	Biological Sciences	MicroRNA (miRNA) Expression Profiling during Hepatic Differentiation from Stem Cells.	2017
56.	Ms. Roshani Vyavaharkar	Dr. Suvarna I. Bhoir	75103080003	Chemical Sciences	Extraction of Phytoconstituents from Buchanania lanzan Spreng, by Supercritical Fluid Extraction and Identification of Phytoconstituents by Hyphenated Techniques.	2017
57.	Ms. Divya Pillai	Dr. Nancy Pandita	75103090002	Chemical Sciences	Standardization, Method development and validation of Ayurvedic formulation Draksharishtaby HPTLC / HPLC method.	2017
58.	Ms. Delina Joseph Thengilan	Dr. Sudeshna Chandra	75104110003	Chemical Sciences	Probing the Interactions Involved in Molecular Associations at Magnetic Nanoparticle Interface Using Spectroscopic and Thermodynamic Techniques.	2017
59.	Ms. Nisha Bellare	Dr. Nancy Pandita	75105090007	Biological Sciences	A comparative study on the effect of diet therapy alone and in combination with glucosamine and chondroitin sulphate supplementation on the symptoms of patients with osteoarthritis'.	2016

60.	Ms. Nirmladevi Thakur	Dr. Nancy Pandita	75105090001	Biological Sciences	Application of Biomimetic Synthesised Silver Nanoparticles in Oral Care.	2016
61.	Ms. Sapna Biswas	Dr. Nancy Pandita	75105070005	Biological Sciences	Study of the extracts of Dillenia indica Linn. and Veteveria Zizanioides (Linn.) for their immunomodulatory activity.	2016
62.	Ms. Ritu Mishra	Dr. Brijesh Sukumaran	75102080004	Biological Sciences	Antihyperlipidemic Activity of Various Plant Extracts on High Fat Diet Induced Obese Rat Model.	2016
63.	Ms. Purva Sethi (Sangneria)	Dr. Aparna Khanna	75105100001	Biological Sciences	Synthesis and Characterization of Novel Nanoparticles and studies on their interactions with Stem Cells.	2016
64.	Ms. Sonam Malhotra	Dr. Krutika Desai	75102080007	Biological Sciences	Chemical synthesis of selenium nanoparticles and their application in Rheumatoid arthritis.	2016
65.	Mr. Mandar Kulkarni	Dr. Vibhu Prakash	75102070002	Biological Sciences	"Study of Genetic diversity in the captive vulture population at "Vulture Conservation Breeding Centre (VCBC)", Pinjore.	2016
66.	Mr. Rohan Shringarpure	Dr. Vibhu Prakash	75102070005	Biological Sciences	Study and profiling of the micro flora in captive vulture population at "Vulture Conservation Breeding Centre (VCBC)", Pinjore.	2016
67.	Ms. Mayuri Pillai	Dr. Krishnapriya	75103080001	Chemical Sciences	Impurity Profiling And Development Of Stability Indicating Method.	2016
68.	Mr. Keyur Panchal	Dr. Z.R. Turel	75103090001	Chemical Sciences	Use of organic reagents for the estimation of elements in important samples by gravimetric method.	2016



69.	Mr. Krishna Deshpande	Dr. Vishvas Joshi	75103080002	Chemical Sciences	Enantiomeric Purity Determination Of Selected Pharmaceutical Agents Using Chiral Derivatization And Chiral Mobile Phase Additives.	2016
70.	Ms. Vinita Apraj	Dr. Nancy Pandita	75105090002	Biological Sciences	Development and Evaluation of Herbal Actives for Skin Care.	2015
71.	Ms. Sweta Jha	Dr. Nancy Pandita	75105090003	Biological Sciences	Intervention of plants on Sleeping Disorder.	2015
72.	Ms. Viraj Gala	Dr. Krutika Desai	75102070010	Biological Sciences	Evaluation of anti quorum sensing activity of Indian medicinal plants against certain gram negative pathogens.	2015
73.	Ms. Rita Mehta	Dr. Chhaya Sawant	75102080005	Biological Sciences	Wound healing effect of phytochemicals from selected plants.	2015
74.	Mr. Animesh Deval	Dr. A. K. Dikshit	75102080003	Biological Sciences	Generation Of Electricity From Waste Using Microbial Fuel Cell.	2015
75.	Ms. Kanika Pandit	Dr. Purvi Bhatt	75102080001	Biological Sciences	Antihyperlipidemic activity of plants in streptozotocin induced diabetic rat model.	2015
76.	Ms. Harita Parikh	Dr. Aparna Khanna	75102080002	Biological Sciences	Isolation And Characterization Of Phyto-Constituents For In-Vitro Evaluation Of Hepato-Protective Activity Using Cell-Lines.	2015
77.	Ms. Riddhi Jholapara	Dr. Chhaya Sawant	75102070003	Biological Sciences	Isolation, Identification and Characterization of Chitinolytic organism and their potential in Biocontrol of Phytopathogenic fungi.	2015

78.	Ms. Radhika Mehta	Dr. Chhaya Sawant	75102070006	Biological Sciences	Isolation and Identification of feather- degrading Bacterium from poultry Farm Soil and Characterization of Enzyme.	2015
79.	Ms. Poonam Gaikwad	Dr. Suvarna I. Bhoir	75103070002	Chemical Sciences	"Determination of unconjugated and total EZM in human plasma and its application to pharmacokinetic studies."	2014
80.	Ms. Pratibha Verma	Dr. Suvarna I. Bhoir	75103070005	Chemical Sciences	Significance of Propylene Carbonate as a mobile phase component for estimation of Drugs and its impurities by RP-HPLC.	2014
81.	Ms. Varsha Namoboodiry	Dr. Suvarna I. Bhoir	75103070001	Chemical Sciences	Replacement of Acetonitrile with Solvent-X in RP-HPLC for separation of pharmaceutical dosage forms.	2014
82.	Ms. Dipti Lakhe	Dr. Kiran Mangaonkar	75104070002	Chemical Sciences	"Synthesis and structural, characterisation of some Schiff base metal Complexes".	2014
83.	Ms. Hetal Sampat	Dr. Z. R. Turel	75103070003	Chemical Sciences	"Development of a new, rapid and selective (spectrophotometric ) method for the gravimetric estimation of some elements employing organic reagents in complex matrices."	2014
84.	Ms. Nithya John	Dr. Chhaya Sawant	75102070011	Biological Sciences	Studies on inhibition of dental biofilm formation using plant extracts in the simulation of mouth system.	2014
85.	Ms. Namrata Satam	Dr. Suvarna I. Bhoir	75102070009	Biological Sciences	Separation and Identification of Flavonoids from fruits of Solanum melongena Linn by Supercritical Fluid CO <sub>2</sub> extraction method.	2014

86.	Mr. Lavu Parab	Dr. Suvarna I. Bhoir	75102070007	Biological Sciences	"Supercritical fluid extraction, Isolation, Identification and Characterization of Phytoconstituents in <i>Nyctanthes arbor-tristis</i> Linn."	2014
87.	Ms. Mansi Patel	Dr. A. M. Bhagwat	75105070004	Biological Sciences	Development of molecular tools to study Microbiota Composition.	2012
88.	Ms. Nirmala Lawerance	Dr. V. Balasubramaniyan	75104070004	Chemical Sciences	"Approaches to synthesis and further elaboration of suBio. Sci.tituted Bisurea's to Pharmacologically potent molecules".	2012
89.	Ms. Rupali Sengupta	Dr. A. M. Bhagwat	75105070003	Biological Sciences	"Evaluation of plant extracts for anti-diabetic properties".	2011
90.	Ms. Ratnaraje Thar	Dr. A. M. Bhagwat	75105070001	Biological Sciences	"To study anemia's in preschool and school children in Mumbai: vis-a-vis Nutritional intervention programme."	2011
91.	Ms. Payal Joshi	Dr. Suvarna I. Bhoir	75104070001	Chemical Sciences	Development of Validated Stability- indicating HPLC method of certain Drugs with identification of impurities using LC-MS.	2011