

## 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. 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.	2023
2.	Ms. Aishwarya Shetty	Dr. Sudeshna Chandra	75102140005	Biological Sciences	Design of dual drug delivery system based on multi-modal inorganic nanoparticles.	2023
3.	Ms. Yashika Mirchandani	Dr. Brijesh S	75109140004	Biological Sciences	Combinatorial Drug Delivery Of Anti-Rheumatic Drugs Using Solid Lipid Nanoparticles for Rheumatoid Arthritis	2023
4.	Mr. Khurshid Alam Shaikh	Dr. Nancy Pandita	75121150008	Chemistry	Method Development, Validation and In-vivo Bioequivalence Studies of Novel Oral Anti-Coagulants (NOACs)	2023
5.	Mr. Amit Pawar	Dr. Nancy Pandita	75121150003	Chemistry	Analytical Method Development of Stability indicating UPLC methods for Antipsychotic drugs by "QbD" approach	2023
6.	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
7.	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

8.	Mr. Jayprakash Rao	Dr. Sudeshna Chandra	75121150006	Chemistry	Development of Micro-Encapsulated Water based Oxyfluorfen formulation and its stability study.	2022
9.	Ms. Divya Desai	Dr. Prasad Pethe	75102140001	Biological Sciences	Role of Polycomb Repressive Complexes in Neuronal Lineage Differentiation from Human Pluripotent Stem Cells.	2021
10.	Ms. Priyal Chikhaliwala	Dr. Sudeshna Chandra	75109140001	Biological Sciences	Development of dendrimer-magnetic nanoparticle based electrochemical biosensors.	2021
11.	Ms. Hetal Damani	Dr. Dhananjaya Saranath	75109140002	Biological Sciences	Integrative genomics and computational biology in oral cancer.	2021
12.	Ms. Swati Sahoo	Dr. Brijesh S	75102120001	Biological Sciences	Anxiolytic Activity of Medicinal Plants and Associated Changes in Brain.	2021
13.	Ms. Ruchita Shelat	Dr. Sudeshna Chandra	75109140005	Biological Sciences	Development of multifunctional nanomaterials for stem cell labelling and tracking.	2021
14.	Ms. Jeanette Martins	Dr. Brijesh S	75109120001	Biological Sciences	Anti-depressant Activities of Medicinal Plants as a replacement/adjunct for Selective.	2021
15.	Mr. Mangesh Sakhalkar	Dr. Sudeshna Chandra	75121150007	Chemistry	Synthesis & Application of aprotic ionic liquids.	2021
16.	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
17.	Mr. Sunny Raina	Dr. Nancy Pandita	75121150005	Chemistry	In- vitro Bioequivalence study of bile acid sequestrant a by HPLC.	2021
18.	Ms. Supriya Bharte	Dr. Krutika Desai	75102110005	Biological Sciences	Enhancement of Biofuel production from Microalgae	2020

19.	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
20.	Ms. Gita Singh	Dr. Sudeshna Chandra	75122150001	Chemistry	Development of Commercially Feasible Cost Effective Supercapacitors Based on Conducting Polymers and Metal Ferrites.	2020
21.	Mr. Nishant Salunke	Dr. Nancy Pandita	75108130001	Chemistry	Development and validation of stability indicating analytical methods for antibiotic drug substances.	2020
22.	Ms. Shreelekha Dutta	Dr. Aparna Khanna	75102090002	Biological Sciences	Role of phytoestrogens in modulating growth of breast carcinoma cells.	2019
23.	Ms. Miloni Thakkar	Dr. Brijesh S	75105110001	Biological Sciences	Studies on efficacy of niosomes for combinatorial drug delivery of anti-malarial drugs.	2019
24.	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
25.	Ms. Subuhi Yete	Dr. Dhananjaya Saranath	75109120004	Biological Sciences	Molecular Polymorphisms in Genes Associated with Cell Growth and Differentiation in Oral Cancer.	2019
26.	Ms. Mugdha Kunte	Dr. Krutika Desai	75105110004	Biological Sciences	Effect of microalgal extracts on human matrix metalloproteinase.	2019
27.	Ms. Priyanka Mokashi	Dr. Nancy Pandita	75102110001	Biological Sciences	Ant diabetic potential of some bioactive compounds from <i>Enicostemma littorale blume</i> .	2019
28.	Ms. Saniya Laheri	Dr. Purvi Bhatt	75102110002	Biological Sciences	Deciphering the Extra-Oviductal Role of Oviductal glycoprotein.	2019

29.	Ms. Madhuri Waghela	Dr. Nancy Pandita	75108120002	Chemistry	Study on interaction of Cytochrome P450 (CYP450) with an anti-diabetic herb.	2019
30.	Ms. Amruta Tambe	Dr. Nancy Pandita	75108120001	Chemistry	Isolation of bio-active constituents from Boswellia serrata and their solubility enhancement study.	2019
31.	Ms. Shaleen Multani	Dr. Dhananjaya Saranath	75109120004	Biological Sciences	Single Nucleotide Polymorphisms of Signal Transduction Genes in Oral Cancer.	2018
32.	Ms. Wendy D'souza	Dr. Dhananjaya Saranath	75102110003	Biological Sciences	Single nucleotide polymorphism in cellular metabolism and regulatory genes in oral cancer.	2018
33.	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
34.	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
35.	Mr. Vaibhav Jadhav	Dr. Purvi Bhatt	75102090003	Biological Sciences	Synthesis of Arsenic Trioxide Nanoparticles and their effect in vitro on Prostate Cancer.	2017
36.	Ms. Shruti Taparia	Dr. Aparna Khanna	75102090012	Biological Sciences	In Vitro Studies on effect of cocoa procyanidins on ovarian cancer using cell lines.	2017
37.	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

38.	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
39.	Mr. Viraj Yele Chhabria	Dr. Krutika Desai	75102080006	Biological Sciences	Organic solvent tolerant thermostable lipase from micro organisms: production, purification and characterization.	2017
40.	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
41.	Ms. Akshata Raut	Dr. Aparna Khanna	75102100005	Biological Sciences	MicroRNA (miRNA) Expression Profiling during Hepatic Differentiation from Stem Cells.	2017
42.	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
43.	Ms. Divya Pillai	Dr. Nancy Pandita	75103090002	Chemical Sciences	Standardization, Method development and validation of Ayurvedic formulation Draksharishtaby HPTLC / HPLC method.	2017
44.	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
45.	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
46.	Ms. Nirmladevi Thakur	Dr. Nancy Pandita	75105090001	Biological Sciences	Application of Biomimetic Synthesised Silver Nanoparticles in Oral Care.	2016

47.	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
48.	Ms. Ritu Mishra	Dr. Brijesh Sukumaran	75102080004	Biological Sciences	Antihyperlipidemic Activity of Various Plant Extracts on High Fat Diet Induced Obese Rat Model.	2016
49.	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
50.	Ms. Sonam Malhotra	Dr. Krutika Desai	75102080007	Biological Sciences	Chemical synthesis of selenium nanoparticles and their application in Rheumatoid arthritis.	2016
51.	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
52.	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
53.	Ms. Mayuri Pillai	Dr. Krishnapriya	75103080001	Chemical Sciences	Impurity Profiling And Development Of Stability Indicating Method.	2016
54.	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
55.	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
56.	Ms. Vinita Apraj	Dr. Nancy Pandita	75105090002	Biological Sciences	Development and Evaluation of Herbal Actives for Skin Care.	2015

57.	Ms. Sweta Jha	Dr. Nancy Pandita	75105090003	Biological Sciences	Intervention of plants on Sleeping Disorder.	2015
58.	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
59.	Ms. Rita Mehta	Dr.Chhaya Sawant	75102080005	Biological Sciences	Wound healing effect of phytochemicals from selected plants.	2015
60.	Mr. Animesh Deval	Dr. A. K. Dikshit	75102080003	Biological Sciences	Generation Of Electricity From Waste Using Microbial Fuel Cell.	2015
61.	Ms. Kanika Pandit	Dr. Purvi Bhatt	75102080001	Biological Sciences	Antihyperlipidemic activity of plants in streptozotocin induced diabetic rat model.	2015
62.	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
63.	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
64.	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
65.	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

66.	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
67.	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
68.	Ms. Dipti Lakhe	Dr. Kiran Mangaonkar	75104070002	Chemical Sciences	"Synthesis and structural, characterisation of some Schiff base metal Complexes".	2014
69.	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
70.	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
71.	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
72.	Mr. Lavu Parab	Dr. Suvarna I. Bhoir	75102070007	Biological Sciences	"Supercritical fluid extraction, Isolation, Identification and Characterization of Phytoconstituents in Nyctanthes arbor-tristis Linn."	2014
73.	Ms. Mansi Patel	Dr. A. M. Bhagwat	75105070004	Biological Sciences	Development of molecular tools to study Microbiota Composition.	2012
74.	Ms. Nirmala Lawerance	Dr. V. Balasubramaniyan	75104070004	Chemical Sciences	"Approaches to synthesis and further elaboration of substituted Bisurea's to Pharmacologically potent molecules".	2012



75.	Ms. Rupali Sengupta	Dr. A. M. Bhagwat	75105070003	Biological Sciences	"Evaluation of plant extracts for anti-diabetic properties".	2011
76.	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
77.	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