

# Navrachana University, Vadodara

## Registered Doctoral Scholars

Updated : 30 Sep 2023

Sr No	Discipline/ School	Name Of Supervisor	Name of Ph.D Scholar	Registration Number	Date of Registration	Research Topic
1	Education	Prof.H.C. Pradhan, Dr.Mandira Sikdar	Ms. Anshula Deshpande	11721001	07-10-2011	Development of technology based learning module in dental curriculum at Bachelors level
2	Education	Prof. TKS Lakshmi, Dr.Vandana Talegaonkar	Ms. Kripali Surendrasinh Jadeja	11721002	07-10-2011	Understanding the nature of participation of learners in elementary education in municipal schools of Surendranagar
3	Education	Prof. H.C.Pradhan, Dr.Elizabeth Robin	Mr. Neeraj C. Deshpande	11721003	07-10-2011	Evaluation of Continuing Professional Development for the Dental Surgeons of Gujarat
4	Education	Dr.Thomas Vadaya, Dr.Archana Tomar	Ms.Reshma Achary	11721004	07-10-2011	Development and implementation of an Instructional design based on Constructivist approach to Teach physics at diploma Engineering level
5	Education	Dr.Vandana Talegaonkar	Ms. Poonam Singh	12721001	11-09-2012	Understanding beneficiaries and their participation in schools under RTE ACT, 2009 in Vadodara city
6	Education	Dr.Mandira Sikdar	Ms. Susmita Bibhas Kumar Basu	12721002	11-08-2012	A Study of the effectiveness of constructivist approach in the teaching of Social Science at the secondary school level.
7	Education	Dr.Mandira Sikdar	Mr. Vishwajeet Yadav	13721001	09-11-2013	A study of in-service training programs conducted by district institute of education and training (diets) in Gujarat
8	Education	Dr.Mandira Sikdar	Ms. Sangeeta Pramanik	14721003	09-03-2014	Developing, Implementing and Assessing of an Instructional Package for Higher-Order-Thinking-Skills in Mathematics
9	Education	Dr.P.V. Xavier	Ms. Vaibhavi Vijay Gawarikar	14721004	09-04-2014	Developing, implementing & assessing an intervention program based on Paulian Approach to critical thinking for student-teachers of Vadodara.
10	Management	Dr.Hitesh Bhatia	Mr. Amit Shukla	15721001	16-09-2015	To explore practice of planning & operation in the context of supply chain management in engineering to order manufacturing-electrical equipment sector
11	Management	Dr. Nilay Yajnik	Mr. Bibhas Kumar Basu	15721003	17-09-2015	Managing Risks for Sustained Business Success of EPC Organizations in the Indian Thermal Power Sector
12	Management	Dr.Hitesh Bhatia	Ms. Nikita Vinodchandra Rangoonwala	15721004	18-09-2015	A Study of Willful Defaulters among Public Limited Companies in India.
13	Management	Dr.Hitesh Bhatia	Ms. Neha Ganesh Das Taneja	15721005	23-09-2015	Influence of Entrepreneurship Education on the Entrepreneurial Self Efficacy of the Participants
14	Mathematics	Dr.Lipilka Majumdar	Ms. Radhamadhavi Duggaraju	15721006	15-09-2015	An Algebraic Study of Generalized Splines on Graphs over Commutative Rings with Identity
15	Physics	Dr.Pallavi Ghalsasi	Ms. Archana Paritosh Shah	15721007	18-09-2015	Optical and Spectroscopic Studies of Chiral Materials

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16	Physics	Dr.Pallavi Ghalsasi	Ms. Aashna Sharadkumar Jain	15721008	22-09-2015	Investigation of Negative Thermal Expansion Materials
17	Chemistry	Dr.Sandeep Patil	Ms. Shehnaz Habib Solanki	15721009	22-09-2015	Nonionic Surfactant/Ionic Liquid/Water Microemulsions: Phase Behavior, Microstructure and Solubilization.
18	Engineering	Dr. Hiral Parikh	Mr. Adil Aman Khan	15721010	24-09-2015	Investigation of Mechanical Properties of Chicken Feather Fiber-reinforced composite manufactured using Fused Filament Fabrication Technique
19	Education	Dr.Archana Tomar	Ms. Renu Kumari	15721013	17-09-2015	A study on the Quality of Work life of Teachers in Private Primary Schools
20	Education	Dr.Archana Tomar	Ms. Kavita Vinod Dixit	15721014	10-07-2015	A Study of the Effectiveness of Strategy to Integrate life skills in Social Science for Standard IX GHSEB Students
21	Education	Dr.Archana Tomar	Ms. Arshvir Kaur Ranjit Singh Grewal	16721001	08-02-2016	Effectiveness of Project Based Learning (PBL) for Undergraduate – Bachelor's Civil Engineering Education
22	Management	Dr. Hitesh Bhatia	Mr. Rushit Prabodhkumar Dubal	16721003	23-08-2016	A Study on Creative Determinates of Viral Video Advertising on Social Networking Platforms
23	Management	Dr. Archana Tomar	Ms. Nabila Inayathusein Qureshi	16721005	08-08-2016	Role of Stakeholders on Education of Muslim Girls
24	Chemistry	Dr. PoonamKumar	Mr. Bharat Arjun Nirmal	16721006	03-08-2016	A Study on Green Methodologies in Organic Synthesis
25	Engineering	Dr.Amarish Badgujar	Mr. Viren Ketanbhai Parikh	16721008	08-09-2016	Investigation on Friction Stir Welding of Aluminum Matrix Composites.
26	Engineering	Dr.Amarish Badgujar	Ms. Dipali Pranavkumar Pandya	16721009	08-09-2016	Performance enhancement in Austenitic stainless steel by activated TIG welding process.
27	Chemistry	Dr.Santosh Kumar	Mr. Jateen Dilipkumar Sheth	16721010	15-09-2016	Development and Validation of Analytical Methods for Estimation of Impurities in Pharmaceuticals.
28	Chemistry	Dr.Santosh Kumar	Mr. Santosh Rangrao Patil	16721011	19-09-2016	Analytical method development and validation of drug substances
29	Life Science	Dr.Darshee Baxi	Mr. Khushali Vijaykumar Upadhyay	17721002	28-07-2017	Evaluation of Plant-based Anti-Cancer Agents for possible Breast Cancer Therapy: A Green Anti-Cancer Approach
30	Management	Dr. Amol Ranadive	Ms. Aparna Shah Singhal	18721002	09-10-2018	A Study on the Applications of AI Based Techniques in Facial Expression Analysis For Talent Acquisition in Human Resource Management

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31	Management	Dr. Amol Ranadive	Ms. Ashwini Joshi	18721003	09-10-2018	The Effect of Consumer Involvement and Attitude on Purchasing Intention for Organic Food Products – A Descriptive Study in Selected Cities of Gujarat.
32	Education	Dr. Vandana Talegaonkar	Mr. Kajal Kumar Dutta	18721004	09-10-2018	A Case Study on Non-Governmental Organisations (NGOs) in The Educational Development Of Underprivileged Children in The City Of Vadodara
33	CSE	Prof. Ashish Jani	Mr. Yogesh Ramesh Chaudhari	18721005	09-07-2018	Developing an AI Based Automated Detection System to Improve detection rate of Polyps for better diagnosis through Colonoscopy
34	Management	Dr. Amol Ranadive	Mr. Dhavalkumar M Mehta	18721009	25-03-2019	Design and Development of a Novel AI Based Neuromarketing Technique for Eye Tracking on Printed Promotions
35	Physics	Dr. Pallavi Ghalsasi	Mr. Jaimin Umesh Trivedi	18721008	05-10-2018	Studies on Potentially Multiferroic Organic-Inorganic Hybrid Compounds (OIHCs)
36	IT	Dr. Salma Pirzada	Mr. Aakash Anilkumar Gupta	19721001	26-07-2019	Opinion Mining on Social Media Intelligence for anticipating Mental Health
37	Management	Dr. Anupama Dave	Mr. Anish Alerk Patel	19721002	22-07-2019	Managerial Roles in an Entrepreneurial Journey- A study based on BAPS values
38	Life Science	Dr. Darshee Baxi	Mr. Ashish I Kapoor	19721003	22-07-2019	Evaluating the role of Melatonin in fatty liver disorders
39	Life Science	Dr. Darshee Baxi	Ms. Foram Kamleshkumar Patel	19721004	22-07-2019	Studies of selected plants of Family Cactaceae on breast cancer metastatic progression
40	Education	Dr. Archana Tomar	Ms. Hemlataben Durgaprasad Rajput	19721006	25-07-2019	An impact Study of the educational interventions done by national and international NGOs in India
41	CSE	Dr. Shweta Dour	Ms. Kishori Sudhir Shekokar	19721007	7/19/2019	Automated Detection of Neurological disorders using Deep Learning Methods
42	IT	Dr. Shweta Dour	Ms. Priya Jeejo Payyappilly	19721008	7/26/2019	An Energy Efficient Method for Securing Devices in the Internet of Things
43	Journalism	Dr. Javed Khatri	Mr. Ashish M Mehta	19721011	20-01-2020	A study on impact of Digital media advertising on consumer buying behaviour with reference to Mumbai suburbs.
44	Journalism	Dr. Javed Khatri	Ms. Akhila CK	19721010	20-01-2020	Narrative Analysis of Malayalam Films; A Study on selected films from 2010-2020.
45	Management	Dr. Pradeep Behera	Mr. Firdos Solanki	20721002	23-07-2020	Impact of Industry 4.0 on Supply Chain Management.
46	Mass Communication	Dr. Javed Khatri	Mr. Gilbert A.R.	20721003	24-07-2020	News Consumption from Conventional Media to Online and OTT Platforms: A study among the Youngsters of Kerala.

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47	Mass Communication	Dr. Javed Khatri	Ms. Kripaja Yadav	20721005	28-07-2020	Analytical study on the influence of social media in rural women empowerment.
48	Education	Dr. Rishi Raj Balwariya	Ms. Aditi D. Pandya	20721006	24-07-2020	A Study of Mathematics Examination Anxiety among the Standard-9th Students of Bharuch District.
49	Life Science	Dr. Monisha Kottayi	Ms. Riddhi Mavani	20721007	29-07-2020	Studies on in vitro propagation of selected plants
50	Engineering	Dr. Hiral Parikh	Mr. Ronak D. Gandhi	20721008	28-07-2020	Designing and Coupled Structural Thermal Analysis of 3 Stage Helical Gearbox Casing.
51	Life Science	Dr. Elizabeth Robin	Ms. Komaldevi Gupta	20721004	27-07-2020	Formation and efficacy of potent biopesticides on key pests in Vadodara
52	Education	Dr. Mandira Sikdar	Ms. Gauri Lele	20721010	28-07-2020	Technology Enhanced Instruction – Student & Faculty perceptions.
53	Life Science	Dr. Darshee Baxi	Ms. Yashshvini Patel	20721013	28-07-2020	Evaluating the role of Melatonin in Poly Cystic Ovarian Syndrome
54	Life Science	Dr. Parth Pandya	Ms. Nehareeka Gouridas Dan	20721014	28-12-2020	Molecular Insights into the Neuroendocrine Regulation of Reproduction, Puberty and Sex Reversal in Vertebrate Model
55	Mass Communication	Dr. Jigar Shah	Mr. Abhijit Mukhopadhyay	20721015	07-01-2021	Study on digital media literacy of content prosumers from India in the post-truth era
56	Management	Dr. Pradeep Bahera	Mr. Rajan Madapusi Sreedharan	20721016	07-01-2021	Study on the implementation of industry 4.0 technologies in Indian textile industries
57	Life Science	Dr. Elizabeth Robin	<Mr. Rudrakumar Jagdishbhai Patel	20721017	05-01-2021	Isolation of Phytochemicals and study on some medicinal properties of Curcuma caesia Roxb.
58	Life Science	Dr. Krutika Abhyankar	Ms. Komalkumari Vijaybhai Solanki	20721018	08-01-2021	Investigation of some selected legumes for their anti-diabetic property
59	Education	Dr. P. V. Xavier	Ms. Rachita Vijaykumar Trikha	20721019	07-01-2021	The Development, implementation and assessment of an intervention program of critical thinking for effective decision making for final year MBA students of universities in Rajkot.
60	IT	Dr. Umme Salma M Pirzada	Ms. Sushma Narayan Thakur	20721020	12-01-2021	Smart solution using IOT and Data Analytic techniques to enhance the efficiency of Supply Chain Operations.
61	Engineering	Dr. Payal Desai	Ms. Monika Kaushikkumar Shah	20721024	13-01-2021	Waste Water Treatment of Industrial effluent: Experimental and Numerical Study
62	Education	Dr. Mandira Sikdar	Ms. Bhaswati De	20721025	08-01-2021	Study of status & problems faced by the schools in implementing the vocational Education program at plus 2 Level.

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63	Mass Communication	Dr. Jigar Shah	Ms.Radhika R Nair	20721026	15-01-2021	Is OTT as an extension of Television; a detailed study on the changing trends in online viewership
64	Mass Communication	Dr. Jigar Shah	Ms. Vineetha VJ	20721027	12-01-2021	Television Journalism in the Covid 19 era: A Comparative Study of Malayalam News Channel Reports on Pandemic during the Nationwide Lockdown Period
65	Engineering	Dr.Amarish Badgujar	Mr. Dhaval Trivedi	21721001	30-07-2021	Additive Manufacturing of various grafts using live cells/tissue culture.
66	Life Science	Dr. Parth Pandya	Mr. Harsh Shah	21721002	30-07-2021	Unraveling the possible neuroendocrine molecular interplay under different dietary regimes in the onset of puberty in rats.
67	Engineering	Dr. Shweta Dour	Ms. Hetal Desai	21721003	03-08-2021	Power converter control for grid integrated renewable energy source to improve system stability.
68	Education	Dr. Vandana Talegaonkar	Ms. Kanchan Vallecha	21721004	30-07-2021	Study on mental health of secondary school students.
69	Life Science	Dr. Parth Pandya	Mr. Mithil Trivedi	21721005	03-08-2021	Studies on Insect-Plant interaction: Understanding transcriptional regulation and mechanism of resistance.
70	Chemistry	Dr. Denni Mammen	Ms. Rutwa Bhatt	21721006	03-08-2021	Synthetic modifications of pillararenes for encapsulation and drug release studies on drugs used for anticancer activities.
71	Chemistry	Dr. Denni Mammen	Mr. Shreyash Kadam	21721007	03-08-2021	Synthesis, in-silico and in-vitro evaluation of anticancer potential of nitrogen containing heterocycles.
72	Education	Dr. Mandira Sikdar	Ms. Tulika Saha	21721008	30-07-2021	Use of Innovative English language teaching methods in K12 –a study
73	Engineering	Dr. Payal Desai	Mr. Virat Desai	21721009	04-08-2021	Novel Numerical and Finite element analysis of plates and Shell Structure
74	Chemistry	Dr. Sumit Bhawal	Mr. Vishal Patil	21721010	03-08-2021	Design and Synthesis of Cholesterol based Biomimetic Amphiphiles
75	Chemistry	Dr. Sumit Bhawal	Harshal Sopan Patil	21721011	27-12-2021	Towards synthesis of functional materials for selective metal extraction.
76	Management	Dr. Priyanka Behrani	Shubham Sunil Sharma	21721012	29-12-2021	Impact of Emotional Intelligence and Mental Health on the operational efficiency of Health Care Providers.
77	Management	Dr. Priyanka Behrani	Manisha Sureshkumar Banani	21721013	04-01-2022	Impact of communication on the productivity of employees in Multicultural organizations.

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78	Life Science	Dr. Elizabeth Robin	Krishna Janakbhai Brahmbhatt	21721014	04-01-2022	
79	CSE	Dr. Sandeep Vasant	Neha Bhupendrakumar Bhaid	21721015	03-01-2022	AI based framework to choose the career/job transition based on the skill set of the candidate.
80	Mass Communication	Dr. Jigar Shah	Lakshraj Vinodji Chauhan	21721016	03-01-2022	Impact of Gujarati print media on social life of tribal people, A case study of Chotaudepur district.
81	Life Science	Dr. Darshee Baxi	Julie Manohar Tahilramani	21721017	03-01-2022	
82	Engineering	Dr. Payal Desai	Vaidehi Ashokkumar Parikh	21721018	18-01-2022	Performance, assessment, and analysis of sustainable pavements
83	Engineering	Dr. Payal Desai	Ayushi Sunilkumar Lakhnarpal	21721019		Development of innovative materials for composite constructions
84	School of	Dr. Darshee Baxi	Karan Dilipbhai Patel	22000026	20/06/2022	**
85	School of Business and	Dr. Priyanka Behrani	Kinjal Atulbhai Shah	22000027	07/12/2022	**
86	School of	Dr. Parth Pandya	Tejas Satish Kumar Gurjar	22000028	07/11/2022	**
87	School of	Dr. Denni Mammen	Rachael Ashok Cherian	22000029	06/06/2022	**
88	School of	Dr. Monisha Kottayi	Dhara Suma	22000030	06/08/2022	**
89	School of Engineering	Dr. Sandeep Vasant	Pareshkumar Ravindrabhai Prajapati	22000031	14/06/2022	**
90	School of Engineering	Dr. Pallavi Ghalsasi	Sunil Vankar	22000035	26/06/2022	**
91	School of Liberal Studies	Dr. Rishi Raj Balwariya	Azaz Pathan	22000036	27/07/2022	**
93	School of	Dr. Sumit Bhawal	Devanshu Pathak	22000960	01/03/2023	**
94	School of	Dr. Sumit Bhawal	Kartar Chavhan	22000961	31/12/2022	**
95	School of	Dr. Amit Patwa	Kirti Meena	22000962	01/03/2023	**
96	School of Engineering	Dr. Sandeep Vasant	Chirag Darji	22000963	28/12/2022	**
97	School of	Dr. Lipi Buch	Hetvi Shah	22000964	28/12/2022	**
98	School of Business and	Dr. Priyanka Behrani	Anjali Mehta	22000965	28/12/2022	**
99	School of Engineering	Dr. Hiral Parikh	Shubhada Garnaik	22000966	28/12/2022	**
100	School of	Dr. Darshee Baxi	Siddharth Morvadia	22000967	02/08/2023	**

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101	School of Liberal Studies	**	Nilanjana Bhowmik	23000976	26/08/2023	**
102	School of Engineering	Dr. Prakruti Shah	Manish N Pandya	23000700	11/07/2023	**
103	School of Liberal Studies	Dr. Jigar Shah	Atiq Khan	23000697	15/07/2023	**
104	School of Business and	Dr. Sujatha Patil	Resham Desai	23000701	17/07/2023	**
105	School of Business and	Dr. Sujatha Patil	Vidyamaan Singhal	23000696	14/07/2023	**
106	School of Science	**	Harshita Johari	23000702	17/07/2023	**
107	School of Science	**	Khushboo Shahdadpuri	23000506	12/07/2023	**
108	School of Science	**	Michelle Mary Varughese	23000507	10/07/2023	**
109	School of Business and	Dr. Amol Ranadive	Bhavin Lad	23000699	08/07/2023	**
110	School of Business and	Dr. Amol Ranadive	Kashyap Raval	23000698	13/07/2023	**
** Decision in process						