



Ph.D. Completed

Sr. No.	Name of Scholar	DDU ID No.	Title of Research	Name of Guide	Completion Date
1	Dr. Gurmitsingh D Bassan	09PH15	The Performance Analysis of Hollow Tapered Roller Bearing	Dr. D. P. Vakharia	24/08/2016
2	Dr. Nimeshchandra S. Patel	10PH26	The Performance Analysis of Magnetic Fluid-based Hydrodynamic Journal Bearing Elements through Analytical and Experimental Methods	Dr. D. P. Vakharia	10/09/2016
3	Dr. Kavita R. Shah	15PH07	Investigation of Friction and Wear for Metal Pairs under sliding contacts Lubricated with Nano Fluids	Dr. Atindra Shukla	03/04/2023
4	Dr. Rajesh M. Joshi	12PH01	Design and Parametric Study of Layered Hollow Tapered Roller Bearing using Theoretical and Experimental Methods	Dr. Gurmitsingh D Bassan	04/12/2025
5	Dr. Pranav R. Mehta	21PH24	Design and Development of Hybrid Mixed-mode solar dryer cum distiller	Dr. Gurmitsingh D Bassan	04/12/2025
6	Dr. Jaydeep M. Ravalji	20PH21	Performance Modeling of Laser-Based Powder Bed Fusion Process	Dr. Shruti. J. Raval	31/01/2026

Ph.D. Ongoing

Sr. No.	Name of Scholar	DDU ID No.	Title of Research	Name of Guide
1	Nilay M. Bhavsar	19PH10	The Performance Analysis of Spherical Roller Bearing	Dr. Gurmitsingh D Bassan
2	Dhwanik N. Patel	19PH29	Water Disinfection by Hydrodynamic Cavitations	Dr. Gurmitsingh D Bassan
3	Prasad V. Dixit	20PH01	Solar Photovoltaic-Thermal Hybrid Applications	Dr. Vipul A. Shah
4	Nirav A. Vora	20PH25	Chatter Reduction with Passive Damping in Face Milling of Al-Alloy (7XXX) on VMC	Dr. Gurmitsingh D Bassan
5	Divyang G. Bohra	20PH26	Design, Analysis, and Development of Foil Gas Bearing for Life Enhancement of Cryogenic Turbo-pump for Rocket Propulsion	Dr. Gurmitsingh D Bassan
6	Krunal K. Shah	21PH08	Theoretical and Experimental analysis of Multiphase flow	Dr. Nimeshchandra S. Patel
7	Hiren N. Pandya	21PH09	Design & Development of IoT based Automatic Raw Seed Tray Filling Machine	Dr. Nimeshchandra S. Patel
8	Roopnesh V. Solanki	21PH12	Additive Manufacturing for customized medical application	Dr. Shruti. J. Raval
9	Dhavalkumar I. Upadhyay	21PH23	Studies of Green Lean Six sigma in Indian Industries	Dr. Shruti. J. Raval
10	Amit S. Patel	24PH19	Quantum Machine Learning to Detect Industrial Faults in Multi-Class Imbalanced Dataset.	Dr. Himanshu R. Patel
11	Pratik A. Shah	24PH20	Design and Analysis of Effective Battery Cooling Technology for Electric Vehicles (EVs)	Dr. Nimeshchandra S. Patel
12	Kartik M. Mandavia	25PH09	Design and Development of ETC Assisted Mixed Mode Solar Dryer with Heat Storage Material	Dr. Himanshu R. Patel