



### 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. Kavir R. Shah	15PH07	Investigation of Friction and Wear for Metal Pairs under sliding contacts Lubricated with Nano Fluids	Dr. Atindra Shukla	03/04/2023

### Ph.D. Ongoing

Sr. No.	Name of Scholar	DDU ID No.	Title of Research	Name of Guide
1	Rajesh M. Joshi	12PH01	Design and Parametric Study of Layered Hollow Tapered Roller Bearing	Dr. Gurmitsingh D Bassan
2	Nilay M. Bhavsar	19PH10	The Performance Analysis of Spherical Roller Bearing	Dr. Gurmitsingh D Bassan
3	Dhwanik N. Patel	19PH29	Water Disinfection by Hydrodynamic Cavitations	Dr. Gurmitsingh D Bassan
4	Prasad V. Dixit	20PH01	Solar Photovoltaic-Thermal Hybrid Applications	Dr. Gurmitsingh D Bassan
5	Jaydeep M. Ravalji	20PH21	Analytical Modeling to Predict Temperature Profile in Laser-Based Powder Bed Fusion Process	Dr. Shruti. J. Raval
6	Abhishek P. Bhavsar	20PH22	Tribological Investigation and Experimental Performance Analysis of Bio-Lubricant in Journal Bearing	Dr. Nimeshchandra S. Patel

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7	Nimesh R. Prajapati	20PH23	Experimental Investigation of Weld Overlay of Super Austenitic Stainless Steel on Carbon Steel	Dr. Nimeshchandra S. Patel
8	Nirav A. Vora	20PH25	Chatter Reduction with Passive Damping in Face Milling of Al-Alloy (7XXX) on VMC	Dr. Gurmitsingh D Bassan
9	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
10	Krunal K. Shah	21PH08	Theoretical and Experimental analysis of Multiphase flow	Dr. Nimeshchandra S. Patel
11	Hiren N. Pandya	21PH09	Design & Development of IoT based Automatic Raw Seed Tray Filling Machine	Dr. Nimeshchandra S. Patel
12	Roopnesh V. Solanki	21PH12	Additive Manufacturing for customized medical application	Dr. Shruti. J. Raval
13	Dhaval Kumar I. Upadhyay	21PH23	Studies of Green Lean Six sigma in Indian Industries	Dr. Shruti. J. Raval
14	Pranav R.Mehta	21PH24	Design and Development of hybrid solar thermal systems	Dr. Gurmitsingh D Bassan