

## Details of Ph.D. Guided by Faculties

Sr. No	Name of Faculty	Name of Student	Title of Ph. D guided research project	University	Month/Year
1	Dr. D. M. Patel	Patel Harshadkumar Chaturbhai	Design and Development of Cylindrical Wire Cut Electrical Discharge Machine	Ganpat University, Mehsana	August 2020
2	Dr. D. M. Patel	Patel Vijaykumar Dashrathbhai	An Experimental Investigation and Parametric Optimization Using Various Wire Electrodes on Diverse Industrial Materials in Wire-EDM	Ganpat University, Mehsana	September 2021
3	Dr. D. M. Patel	Patel Jatin Haribhai	Parametric Investigation of Coronary Stent Using Laser Micro Machining	Sankalchand Patel University, Visnagar	November 2022
4	Dr. D. M. Patel	Chaudhari Pradeepkumar Sangrambhai	Development and Experimentation of Rotary Assisted Hot Abrasive Jet Machining Process	Ganpat University, Mehsana	November 2022
5	Dr. D. M. Patel	Soneji Bhavik Atulbhai	Design & Development of Terrestrial Swarm Robotic System for Welding Application in Wheat Crop	Gujarat Technological University, Ahmedabad	Pursuing
6	Dr. K. B. Judal	Ketul Brahmabhatt	Investigation of Fatigue and Tribological Properties of Newly Developed Bio-Degradable Natural Fibre Composites	Rai University, Ahmedabad	December 2020
7	Dr. K. B. Judal	Nehal Joshi	Development of aluminum based hybrid MMC material (Al/B4C-Gr) and investigation of machining performance during wire electrical discharge machining of Al/B4C-Gr	Rai University, Ahmedabad	February 2021
8	Dr. K. B. Judal	Ashokkumar Ramjibhai Chaudhari	Experimentation And Simulation of Electro-Chemical Magnetic Abrasive Finishing	Gujarat Technological University, Ahmedabad	November 2023
9	Dr. K. B. Judal	Mistry Ghanshyambhai Dashrathbhai	Analytical Approximation of Roll Separating Force in Bar Rolling	Gujarat Technological University, Ahmedabad	September 2024
10	Dr. K. B. Judal	Chaudhary Nanjibhai Nilabhai	Magnetic Abrasive Finishing of Free Form surfaces using Bonded MAPs	Gujarat Technological University, Ahmedabad	Pursuing
11	Dr. K. B. Judal	Patel Vijaykumar Dasharathbhai	Experimental Investigation of Baffled Solar Dryer with Paraffin Wax as an Energy Storage Material	Gujarat Technological University, Ahmedabad	January 2024