

Academic Year	Faculty PI	Faculty/Students Details	Department	Patent Type	Patent Title	Patent File Date	Application No	Published Date	Published Reference	Granted date	Granted Reference	Patent No	Current Status	Ref Link	Registered-National/International
2020-21	Dr. Suryawanshi S D	Dr. Suryawanshi S D	Mechanical Engineering	Design Patent	Multipurpose cooling apparatus	08-02-2011	2185/MUM/2010	27-04-2012		#####		356049	Granted	SSD 356049.pdf	
2023-24	Dr. Khond M P	Vivekanand Naikwadi, Mr. Milind Vasekar	Mechanical Engineering	Design Patent	Design & Development of Compact Temp Indicator devising disc pads in Modern vehicles	15-09-2020	2.02021E+11	06-11-2020					Published	MPK 202021039875.pdf	
2021-22	Dr. Chougule N K	Dr. Chougule N K	Mechanical Engineering	Design Patent	Performance Enhancement of Rotary Rake Machine for Sugarcane Trash Collection								Filed		
2021-22	Dr. Khond M P	Dr. Khond M P	Mechanical Engineering	Design Patent	Rotary rake machine with a hydraulic power transmission and tine arm torque control								Filed		
2021-22	Dr. Nandgaonkar M R	Dr. Nandgaonkar M R	Mechanical Engineering	Design Patent	A battery pack with an in-built refrigerant based thermal management system	22-06-2022	2.02221E+11		TEMP/E-1/40087/2022-MUM				Filed		
2021-22	Dr. Nandgaonkar M R	Dr. Nandgaonkar M R	Mechanical Engineering	Design Patent	Wind turbine blade	01.05.2022			363646-001				Filed		
2021-22	Dr. Nandgaonkar M R	Sohail Shaikh, Salman Shaikh, Ayush Kaul, P. R. Dhamangaonka,	Mechanical Engineering	Design Patent	A novel apparatus for determination of thermal conductivity of volatile liquids								Filed		
2021-22	Dr. Ohol S	Mr. Pankaj Aaglawe	Mechanical Engineering	Design Patent	Automated bone alignment of straight bone fracture using Biomedical Instrumentation	19-10-2021	2.02121E+11						Filed		
2020-21	Dr. Khond M P	Aayush Kaul, Juber Firoj Shaikh, Salman Shakil Shaikh, Sohel Shakil Shaikh, Vivekanand Arun, Naikwadi	Mechanical Engineering	Design Patent	A MECHANISM FOR STABILIZING OSCILLATIONS OF PASSIVE YAW IN WIND TURBINES	17-06-2021	202121027003 A	16-07-2021	E/12/928/2021/MUM	08-01-2024		495959	Granted	MPK 495959.pdf	
2021-22	Dr. Mohite S S	Vinayak P. Gaikwad	Mechanical Engineering	Design Patent	Micro-channel heat-exchanger inspired by leaf-venation for electronic cooling	10-01-2015	3754/MUM/2015	30-10-2015		28-02-2022		390617	Granted	SSM-390617.pdf	
2021-22	Dr. Ohol S	Banerjee Siddharth Sudhir, Kulkarni Shreyas Bhalchandra, Jungbare Sarang Sahebrao	Mechanical Engineering	Design Patent	An Arrangement To Maintain Stability Of A Body Mounted On A Rocker-Bogie Mechanism	07-07-2014	2212/MUM/2014	19/03/2021		19-03-2021		362205	Granted	SSO 362205.pdf	
2021-22	Dr. Sapali S N	Dr. B. B. Ahuja, A. M. Deshmukh, S. N. Kale	Mechanical Engineering	Design Patent	Solar Operated Multipurpose Mistspray Generator Machinery	17-10-2016	2.01621E+11	28-10-2016		30-03-2022.		393696	Granted	SNS 393696.pdf	
2021-22	Dr. Sapali S N	Dr. Sandeep Kale	Mechanical Engineering	Design Patent	Unidirectional Wind Turbine	12.02.2013	409/MUM/2013	29/09/2021		29-09-2021		378209	Granted	SNS-415985.pdf	
2023-24	Dr. Chougule N K	Dr. Chougule N K	Mechanical Engineering	Design Patent	A ROTARY RAKE MACHINE WITH A HYDRAULIC POWER TRANSMISSION AND TINE ARM TORQUE CONTROL	28-06-2022	2.02221E+11	29-12-2023					Published		
2022-23	Dr. Khond M P	Dr. Khond M P	Mechanical Engineering	Design Patent	A multiple degrees-of-freedom, tendon-actuated, robotic tentacle arm system								Filed		
2022-23	Dr. Sapali S N	Deshmukh Avinash Madhukarrao	Mechanical Engineering	Design Patent	ENERGY EFFICIENT MULTIPURPOSE MIST SPRAY EVAPORATIVE COOLER	17-10-2016	2.01621E+11			15-09-2022		406729	Granted	SNS-415985.pdf	
2023-24	Dr. Chougule N K	Dr. Bharatkumar Bhagatraj Ahuja, Dr. Kashinath Sahoo	Mechanical Engineering	Design Patent	Dynamic Splint for Clubfoot Treatment	28-02-2024				08-03-2024		6349635	Granted	NKC 6349635.pdf	
2023-24	Dr. Nandgaonkar M R	Apte Alok Ashish, Shaikh Hamdaan Asif, Kadam Vijay Ganpat, Shinde Ganesh Gopal, Kothawade Pratik Pradeep, Pawar Ganesh Ranjan	Mechanical Engineering	Design Patent	AN INTAKE SYSTEM FOR A TURBOCHARGED ENGINE	20-03-2019	2.01921E+11	25/09/2020		08-01-2024		496220	Granted	MRN-496220.pdf	
2024-25	Dr. Chougule N K	Dr. Chougule N K	Mechanical Engineering	Design Patent	A MULTIPLE DEGREES-OF-FREEDOM, TENDON-ACTUATED, ROBOTIC TENTACLE ARM SYSTEM	02-02-2023	2.02321E+11	08-09-2024	E-11/92/2023/MUM				Published		
2023-24	Dr. Khond M P	2. SUBODH SANJIVAN DHASE 3. MOHAN PANDURANG KHOND 4. RANJEET AJAMAL JADHAV	Mechanical Engineering	Design Patent	FOOTSTEPS ACTIVATED ENERGY HARVESTING DEVICE	22-11-2021	2.02121E+11	14-01-2022		05-04-2024		530628	Granted	MPK 530628.pdf	
2024-25	Dr. Pise U V												Applied	UVP 425303.pdf	
2020-21	Dr. Pardeshi S S	Pardeshi Sujit S, Deshmkh Bhagyesh Balawantrao, Marathe Parag Babu, Rathod Snil Damoder	Mechanical Engineering		compliant mechanism based optical fiber splicing device	07-03-2019	2.01921E+11	08-01-2021							
2022-23	Dr. Pardeshi S S	Sujit S. Pardeshi, Abhishek Patange, Devid Sawarkar, and Siddhesh Vishwambher	Mechanical Engineering		Photovoltaic Charging Approach for energy recovery automobiles	15-11-2022	2.02221E+11	23-12-2022							
	Dr. Ohol S		Mechanical Engineering		An Autonomous in-pipe inspection robotic system		2.02121E+11							ogle.com/file/d/1LQIRge_ZiLr	
	Dr. Ohol S				Non-Conventional Calibration System For Industrial Robots										

Count

Granted	10
Published	3
Filed	7

