

Utility Patents Department of Mechanical Engineering

S.No	Title	Applicants / Inventor	Inventor	Departments	Patent Grant Date	Patent Award No.	Year
1	AN ENERGY HARVESTING DEVICE FOR TWO WHEELER SUSPENSION SYSTEM	1.Shri RamdeobabaCollege of Engineering and Management 2.BISSA, Bhushan Chandrashekar 3.SONKHASKAR, Y. M. 4.BHONDE, Vedanti 5.PATEL, Kartik Patel 6.KHADGI, Advait I 7.PAWAR, Hrushikesh 8.MAHANT, Shantanu IN IN 9.CHAUHAN, Ajaysingh	1.BISSA, Bhushan Chandrashekar 2.SONKHASKAR, Y. M. 3.BHONDE, Vedanti 4.PATEL, Kartik Patel 5.KHADGI, Advait I 6.PAWAR, Hrushikesh 7.MAHANT, Shantanu IN IN 8.CHAUHAN, Ajaysingh	Mechanical Engineering	06-09-2025	567258	2025-26
2	A LADY FINGER PLUCKING DEVICE	1.Shri Ramdeobaba College of Engineering and Management 2.MADANKAR, Tarachandra Anandrao 3.DESHPANDE, Yogesh Vasantryao 4.GORLE, Chinmay Jairam 5.MISHRA, Sohit Ramanuj	1.MADANKAR, Tarachandra Anandrao 2.DESHPANDE, Yogesh Vasantryao 3.GORLE, Chinmay Jairam 4.MISHRA, Sohit Ramanuj	Mechanical Engineering	20-05-2025	566403	2024-25
3	An Exhaust Pipe Pollution Warning Device	1.Shri Ramdeobaba College of Engineering and Management 2.JOSHI, Sandeep Shrikrushna	1.JOSHI, Sandeep Shrikrushna	Department of Mechanical Engineering	27-02-2025	561331	2024-25
4	LADDLE TILTING MECHANISM FOR POURING MOLTEN METAL	1] Shri Ramdeobaba college of Engineering andManagement, Nagpur-13 2] Prof. Nitin Gudadhe 3) Prof. Mohan Trivedi 4) Prof.Nikhil Bhaye	1) Prof. Nitin Gudadhe 2) Prof. Mohan Trivedi 3) Prof.Nikhil Bhaye	Department of Mechanical Engineering	25-02-2025	561241	2024-25
5	ERGONOMICALLY DESIGNED HELMET USING ANTHROPOMETRIC DATA	1] Shri Ramdeobaba College of Engineering and Management, Nagpur 2] Dr. Rashmi Shahu	1) Dr. RASHMI SHAHU 2) RACHITA NAIDU 3) LEENA NAIDU 4) RISHAB VERMA 5) RAUNAK CHANDAK	Department of Industrial Engineering	31-01-2025	559395	2024-25

6	ELECTRONIC ASSISTIVE DEVICE FOR BOTTOM DEAD CENTER ADJUSTMENT FOR MECHANICAL POWER PRESS	1] Shri Ramdeobaba college of Engineering and Management, Nagpur-13 2] Dr. Prashant Shiwalkar 3] Prof. Ganesh Shetiye	1) Dr. Prashant Shiwalkar 2) Prof. Ganesh Shetiye 3) vedant Marulkar 4) Keshav Das 5) Pravin Zadgaonkar 6) Chetan Patel	Industrial Engineering	29-07-2024	546357	2024-25
7	Human Powered Flywheel Motor Driven pelletizer	1] Shri Ramdeobaba college of Engineering and Management 2] Y.M. Sonkhaskar	1] Y.M. Sonkhaskar	Mechanical Engineering	06-07-2024	541107	2024-25
8	Cam operated in-pipe robot (CIPR) for inspection and cleaning	1] Shri Ramdeobaba college of Engineering and Management, Nagpur-13 2] Prof. Gajanan Nikhade	1) Prof. Gajanan Nikhade 2) Prof. Sharmik Admane 3) Dr. Shital Chiddarwar 4) PRATIK GOPAL AGRWAL	Department of Mechanical Engineering	29-05-2024	539955	2023-24
9	Ergonomically Designed Chair for Cerebral Palsy Patients	1] Shri Ramdeobaba college of Engineering and Management 2] Rashmi Shahu	1] Rashmi Shahu	Industrial Engineering	21-05-2024	538878	2023-24
10	A HYBRID ELECTROMAGNETIC BRAKING SYSTEM FOR A VEHICLE	1.Shri Ramdeobaba College of Engineering and Management 2.SHUKLA, Vishal V. 3.DESHPANDE, Mayank 4.SINGH, Kunal	1. Vishal V. Shukla 2. Mayank Deshpande 3. Mayank Singh	Mechanical Engineering	14-05-2024	537899	2023-24
11	A Hybrid Electromagnetic Braking System for A Vehicle	1.Shri Ramdeobaba College of Engineering and Management 2.SHUKLA, Vishal V. 3.DESHPANDE, Mayank 4.SINGH, Kunal 5.KHANDELWAL, Mayank 6.ADDEPALLI, Prasannakartik 7.SINGH, Aman	1.SHUKLA, Vishal V. 2.DESHPANDE, Mayank 3.SINGH, Kunal 4.KHANDELWAL, Mayank 5.ADDEPALLI, Prasannakartik 6.SINGH, Aman	Mechanical Engineering	14-05-2024	537899	2023-24

12	Automated Soap Base Melting	1] Shri Ramdeobaba college of Engineering andManagement, Nagpur-13 2] Dr. Pranjali Deole	1] Dr. Pranjali Deole	Mechanical Engineering	22-03-2024	529808	2023-24
13	IMPROVED PNEUMATIC SAND RAMMER WITH VIBRATION ISOLATOR	1] Shri Ramdeobaba college of Engineering andManagement, Nagpur-13 2] V. V. Shukla	1) V. V. Shukla 2) Nikhil Chandrawanshi 3) Sadik Sheikh 4) Shubhanshu Singh 5) Pranil V. Sawalakhe	Department of Mechanical Engineering	27-02-2024	516046	2023-24
14	Use of an arched spring in a fall arrest system	1] Shri Ramdeobaba College of Engineering and Management, Nagpur 2] K.N. Agrawal Thakur Ankesh Puni Tirath Jangir Vineet Sheikh Rehan	1] K.N. Agrawal 2] Thakur Ankesh 3] Puni Tirath 4] Jangir Vineet 5] Sheikh Rehan	Mechanical Engineering	02-02-2024	506532	2023-24
15	A RAIL-GUIDED FALL ARRESTING DEVICE	1 . Shri Ramdeobaba College of Engineering and Management 2 . SHUKLA, Vishal V. 3 . TAORI, Devesh Rajesh 4 . MAYWADE, Ojas Ganesh	1 . SHUKLA, Vishal V. 2 . TAORI, Devesh Rajesh 3 . MAYWADE, Ojas Ganesh	Department of Mechanical Engineering	19-01-2024	501380	2023-24
16	A PNEUMATIC SAND RAMMER WITH VIBRATION ISOLATOR	1)Shri Ramdeobaba College of Engineering and Management 2)SHUKLA, Vishal V. 3)CHANDRAWANSHI, Nikhil 4)SHEIKH, Sadik 5)SINGH, Shubhanshu 6)SAWALAKHE, Pranil	1) Prof. SHUKLA, Vishal V. 2) CHANDRAWANSHI, Nikhil 3) SHEIKH, Sadik 4) SINGH, Shubhanshu 5) SAWALAKHE, Pranil	Mechanical Engineering	26-12-2023	488690	2023-24
17	Generation of Electricity by using pressure energy of the railway track	1] Shri Ramdeobaba college of Engineering andManagement, Nagpur-13 2] Prof. Bhushan Bissa 3] Prof. Vipul Lande	1] Prof. Bhushan Bissa 2] Prof. Vipul Lande	Mechanical Engineering	20-12-2023	486079	2023-24

18	Solar Powered Intake Turbofan for Motor Vehicles	1] Shri Ramdeobaba college of Engineering and Management, Nagpur-13 2] Prof. Sandeep Joshi	1] Prof. Sandeep Joshi	Mechanical Engineering	20-12-2023	486038	2023-24
19	A DEVICE FOR GENERATING PROFILE ON PIPES	1. Shri Ramdeobaba College of Engineering and Management 2. HEDAOO, Animesh Tukaram 3. ALI, Syed Hamza 4. Dr. SHUKLA, Vishal V 5. Dr. GUPTA, Mahendra M.	1) HEDAOO, Animesh Tukaram 2) ALI, Syed Hamza 3) Dr. SHUKLA, Vishal V 4) Dr. GUPTA, Mahendra M.	Mechanical Engineering	19-12-2023	484900	2023-24
20	Air Flow Accelerator and Turbulence Generator in Intake Manifold of Single Cylinder C. I. Engine	1] Shri Ramdeobaba college of Engineering and Management, Nagpur-13 2] Prof. Nikhil Bhawe	Prof. Nikhil Bhawe K N Agarwal Sandeep Joshi M M Gupta Alok Jha	Mechanical Engineering	13-11-2023	468441	2023-24
21	A method for analysing the anthropometric data of school children for the design of the computer furniture	1] Shri Ramdeobaba College of Engineering and Management, Nagpur 2] Rashmi Shahu	1] Rashmi Shahu	Industrial Engineering	06-09-2023	434345	2023-24
22	A WIRE COILING AND TAGGING MACHINE	1. Shri Ramdeobaba College of Engineering and Management 2. SHUKLA, Vishal	1. SHUKLA, Vishal	Mechanical Engineering	18-08-2023	445839	2023-24

23	A Continuous Automatic Variable Transmission (CAVT) System	1.Shri Ramdeobaba College of Engineering and Management 2.SONKHASKAR Y. M. 3.RAO, Govind Srinivas 4.KHADE Kartik Vijay 5.BHUTE Ram Laxmikant 6.MAHANT Shantanu Prashant 7.NAIR Shreyas Manoj	1.SONKHASKAR, Y. M. 2.RAO Govind Srinivas 3.KHADE Kartik Vijay 4.BHUTE Ram Laxmikant 5.MAHANT Shantanu Prashant 6.NAIR Shreyas Manoj	Mechanical Engineering	12-08-2023	479477	2023-24
24	A SYSTEM FOR COOLING OF BATTERY CELLS.	1 . Shri Ramdeobaba College of Engineering and Management 2 . JOSHI, Sandeep Shrikrushna 3 . GUPTA, Mahendra Madhusudan 4 . TETE, Pranjali Ravinandan 5 . KEDAR, Puneet	1 . Shri Ramdeobaba College of Engineering and Management 2 . JOSHI, Sandeep Shrikrushna 3 . GUPTA, Mahendra Madhusudan 4 . TETE, Pranjali Ravinandan 5 . KEDAR, Puneet	Department of Mechanical Engineering	11-03-2023	465679	2022-23
25	A DEVICE FOR MAKING FLOWER GARLAND	1.Shri Ramdeobaba College of Engineering and Management 2.CHAVHAN, Aditya Ajay 3.HEDAOO, Animesh Tukaram 4.ALI, Syed Hamza 5.GHUDE, Kaustubh Jitendra 6.SINGH, Ritik Raj 7.DEGWEKAR, Abhiram Sarang 8. Dr. SHUKLA, Vishal V. 9. Prof. GHUDHADE, NitinP.	1) CHAVHAN, Aditya Ajay 2) HEDAOO, Animesh Tukaram 3) ALI, Syed Hamza 4) GHUDE, Kaustubh Jitendra 5) SINGH, Ritik Raj 6) DEGWEKAR, Abhiram Sarang 7) Dr. SHUKLA, Vishal V. 8) Prof. GHUDHADE, Nitin	Mechanical Engineering	19-12-2022	414916	2022-23
26	Arrangement of heating element in 3D printers liquefiers for improved filament liquefaction	1] Shri Ramdeobaba college of Engineering and Management, Nagpur-13 2] V.V. Shukla ANANT KULKARNI	V.V. Shukla ANANT KULKARNI Sandeep Joshi M M Gupta	Mechanical Engineering	11-11-2022	411264	2022-23

27	CONCENTRATED SOLAR PHOTOVOLTAIC-THERMAL SYSTEM	1 . Shri Ramdeobaba College of Engineering and Management 2 . SANDEEP S. JOSHI 3 . Kapil T. Patil	1 . SANDEEP S. JOSHI 2 . Kapil T. Patil	Mechanical Engineering	31-12-2021	385792	2021-22
28	Assemble Fixture for Office Partition	1] Shri Ramdeobaba college of Engineering and Management, Nagpur 2] Dr. V S Deshpande	1.Dr. V S Deshpande 2.NIYTAM KARN 3.ANIKET DESHPANDE	Industrial Engineering	29-12-2021	385377	2021-22
29	A Wrench	1. Shri Ramdeobaba College of Engineering and Management, Nagpur 2. Prashant Bhaskar Shiwalkar, 3. Jeetendra Nayak 4. Naval Dadarao Rajas 5. Shivrai Shashank Kulkarni	1) Prof. Prashant Bhaskar Shiwalkar, 2) Jeetendra Nayak 3) Naval Dadarao Rajas, 4) Shivrai Shashank Kulkarni	Industrial Engineering	24-12-2021	385123	2021-22
30	Design and Fabrication of Plastic Bottle Crusher	1] Shri Ramdeobaba college of Engineering and Management, Nagpur 2] Prof. Y.M. Sonkhaskar	1] Prof. Y.M. Sonkhaskar 2]AMITKUMAR CHUBEY 3]ANURAG SAHU 4]AMRITPAL BHARAMA 5]RAGHAV SINGHAL 6]SAUNNY KESHWANI	Mechanical Engineering	09-01-2021	376235	2021-22
31	A KITE THREAD CUTTING DEVICE	1.Shri Ramdeobaba College of Engineering and Management 2.MADANKAR, Tarachandra Anandrao 3.DESHPANDE, Yogesh Vasantryao 4.SARKAR, Chinmay Niranjana 5.YADAV, Himanshu Subhash	1.MADANKAR, Tarachandra Anandrao 2.DESHPANDE, Yogesh Vasantryao 3.SARKAR, Chinmay Niranjana 4.YADAV, Himanshu Subhash	Mechanical Engineering		480689	