

**Department of Mechanical Engineering****Mini Project Details -Academic Year- 2024-25**

Group No.	Roll No.	Name of the Student	Title of the Project	Category (Internal/External), If external, mention Name of the Organization	Name of the Guide
A1	2023228	Aditya Rajput	The Human Operated Garbage Collector Boat	Internal	Mr. Varad Deshpande
	2023227	Duane Pinto			
	2023230	Rushil Nargund			
A2	2023213	Maniyar Shubham Manoj	GPS Based Automatic Vehicle Accident Information System	Internal	Mr. Amit Malgol
	2023224	Patil Sanved Samir			
	2023226	Patil Suyash Sandip			
	2023215	Momin Amaan Aslam			
A3	2023225	Siddharth Patil	Reducing Oil Churning Loss in Gearbox Through Effective Shrouding	Internal	Dr. Aqleem Siddiqui
	2023207	Krutik Salvi			
	2023243	Prathamesh Varsolikar			
	2023241	Tritto V Antony			
A4	2023135	Aryan Kiran Jundre	Design and fabrication of Compact Air Conditionong Unit	Internal	Mr. Nilesh Varkute
	2023111	Benedict George			
	2023126	Dinesh Ganesh Fulpagare			
	2022113	Chris Johnson			
A5	2023240	Uday Singh	Design & Development of Novel Nozzle Shaped Earthen Pad Evaporative Cooler	Internal	Mr. Kishor Mane
	2023218	Savaryson Nadar			
	2023219	Pranav Nair			
A6	2023201	Khapre Harsh Deu	BMS for Battery for LIBS for motorcycles	Internal	Mr. Syed M. Arif
	2023232	Salunkhe Bhushan Vijay			
	2023235	Shaikh Abrar Ahmed Anwar			
	2022220	Salve Harshal			
A7	2023105	Tanishka Avhad	Electric Vehicle Wireless Charging System	Internal	Dr. Aqleem Siddiqui
	2023118	Dinesh Kumar			
	2023116	Muskan chand			
	2022126	Malhaar joshi			
A8	2023128	Milind Gupta	Improvement of Paper Recycling M/C with	Internal	Mr. Syed M. Arif
	2023107	Mayuresh Bagayatkar			



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	2023127	Gayatri Giri	Integration of Measuring Instruments		
	2023206	Aditya Konar			
A9	2023208	Kumbhar Aarya Shailesh	Regenerative Braking in Electric Vehicles	Internal	Dr. Aqleem Siddiqui
	2023209	Lobo Chris			
	2023117	Chogale Om Sandeep			
	2023129	Hagir Hrushikesh Ajit			
A10	2023216	Vedant More	Single Axis Solar Tracker and Vertical Axis Wind Turbine (Integration) combine system	Internal	Mr. Nilesh Varkute
	2023214	Saasha Modak			
	2023210	Vedant Magdum			
	2022205	Yash Nalawde			
A11	2023202	Rushikesh Sambhaji Kharade	Smart Helmet for Coal Miners	Internal	Mr. Varad Deshpande
	2023212	Om Prakash Mandave			
	2023203	Essa Khatip Nazim			
A12	2023124	Ninad Dongre	Robotic Arm with Interchangeable Gripper	Internal	Mr. Shankar Waghmode
	2023125	Joy Dsilva			
	2023123	Apurva Dhataavkar			
	2023142	Dhruv Karbhari			
A13	2023103	Aryan Andhere	Design & Development of Vortex Tube Channel	Internal	Mr. Juned Kazi
	2023137	Durvesh Kale			
	2023140	Yash Kanade			
	2023204	Sahej Khopade			
A14	2023120	Akruti Dandekar	Humanized Power Generation for Arm Exercise Machine	Internal	Mr. Sunny Saraf
	2023114	Vansh Bhongade			
	2023229	Siddharth Raut			
A15	2023131	Eshan Jadhav	Experimental and Analytical Study of Propeller Performance Under Various Parameters	Internal	Mr. Bipin Mashilkar
	2023102	Archita Ambede			
	2023132	Shirish Jadhav			
A16	2023234	Sahil Shah	Design and development of Automatic Candy Sorting Machine	Internal	Mr. Praseed Kumar
	2023211	Jayesh Mali			
	2023239	Siddiqui Mohd Ziyad Sajid			
	2022215	Abhinav Rajput			
A17	2023109	Parth Barskar	Smart Solutions for Optimal Wind Turbine Selection	Internal	Mr. Bipin Mashilkar
	2023115	Aayush Bhor			
	2023233	Salunkhe Malhaar Nilesh			
	2022230	Rishi Shirke			
A18	2023236	Mansi Sharma	Two Degree of Freedom Cartesian Robot	Internal	Mr. Kishor Mane
	2023223	Bhavesh Shantaram Patil			
	2023122	Krishna Devendra			
	2022214	Rajeshwar			

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A19	2023136	Muthukumar Kadlur Saiprem Chandrakant	Designing and Fabrication of a Cost-effective CNC Machine for PCB Manufacturing	Internal	Mrs. Suvarna Rode, Mr. Amar M.
	2023139	Kalokhe Vighnesh Mahesh			
	2023141	Kandi Nitish Nagdhar			
	2023263	Varad Yande			
A20	2023205	Manav Koli	Design and fabrication of filament manufacturing machine using recycled PET bottles	Internal	Mrs Suvarna Rode, Mr. Kishor Mane
	2023244	Nikhil Verma			
	2023242	Atharv Vaidya			
	2023217	Ayman Mukadam			
A21	2023108	Ayush Banerjee	Design and Development of Cloth Air Dryer	Internal	Mr. Deepak D.
	2023110	Tanishq Bari			
	2023134	Viraj Jogi			
	2022110	Nakul Bokade			
A22	2023121	Tanmay Vijaykumar Desale	Automated Drilling Machine with PC Control with 3 Degree Motion Law	Internal	Mr. Amar Murumkar
	2023238	Raj Dharmvir Shinde			
	2023113	Aditya Rajesh Bhagwat			
	2023130	Abhijeet Jalindar Jadhav			
A23	2023133	Jadhav Taksheel Jaydeep	Experimental Investigation on Recovery of Waste Heat From Window AC	Internal	Mr. Juned Kazi
	2023144	Keni Purvayee Subodh			
	2023222	Patil Ameya Santosh			
A24	2023106	Prithviraj Bagale	Design and Development of Pneumatic Sheet Bending Machine	Internal	Mr. Amar Murumkar
	2023101	Sujal Adsul			
	2023145	Monish Khamaru			
	2022217	Jai Sable			
DSE1	2023167	Samarpan John Parichha	Vibration Sensing System for CNC Machine	Internal	Ms. Pallavi Khaire
	2023171	Milind Barkya Patil			
	2023169	Deep Parshuram Patil			
	2023166	Chinmay Pansare			
DSE2	2023260	Adarsh Vishwakarma	Development of 3D Structure of Human Jaw and Teeth	Internal	Ms. Suvarna Rode
	2023147	Malhar Bhagat			
	2023152	Sameer Chauhan			
	2023259	Kamran Tambe			
DSE3	2023146	Arhaan Shaikh	CFD Analysis of Fluid Flow in	Internal	Mr. Kamlesh Sasane




	2023150	Aryan Gharat	Pipes		
	2023164	Dhanesh More			
	2023160	Shubham Kurkute			
DSE4	2023267	Hossain Abbas Mandal	Design and Development of Force Measurement Transducer	Internal	Ms. Shamim Pathan
	2023268	Tanish Patil			
	2023256	Sahil Rajesh Sah			
	2023161	Deepak Kushwaha			
DSE5	2023151	Atul Gupta	Gear Fault Diagnosis Using Vibration Analysis	Internal	Ms. Pallavi Khaire
	2023247	Soham Golatkar			
	2023163	Anshul Mhatre			
	2023254	Pradeep Prajapati			
DSE6	2023157	Piyush Dhanraj Kamble	Design and Development of Non-Contact Type Digital Speed Tachometer	Internal	Mr. Praseed Kumar
	2023148	Alister Carvalho			
	2023265	Raj Gurav			
	2023269	Stefen Pillai			
DSE7	2023154	Ganesh Jalvi	Development of Electromagnetic Leveling Syatem	Internal	Mr. Shankar Waghmode
	2023158	Arshan Khan			
	2023149	Aryan Chaubal			
	2023245	Sakshi Aitawade			
DSE8	2023153	Mohammed Aamin Sultan Inamdar	Application of BHARAT: a MADM Technique for Ranking Seq. Rules	Internal	Dr. Prasad Bari
	2023249	Anjali kamble			
	2023168	Bumit Patil			
	2023162	Vishal Longre			
DSE9	2023262	Sahil Sunil Walimbe	Design and Development of Proto Type Flipper Mechanism	Internal	Ms. Shamim Pathan
	2023252	Virendra Sanjay Patil			
	2023264	Gaurav Sunil Salunkhe			
	2023257	Sakshi Satish Sawant			
DSE10	2023258	Mihir Talele	Design and Development of Plant irrigation Water Sprinkler Robot	Internal	Mr. Praseed Kumar
	2023170	Mayank Patil			
	2023155	Eshaan Kadav			
	2023270	Abhishek Waigankar			
DSE11	2023250	Komal Ravi Kamble	Material Characterization of Different Alloys	Internal	Mr. Kamlesh Sasane
	2023261	Sujal Dnyandev Waghmare			
	2023248	Jasleen Kaur			
	2023172	Vedant Deepak Pawar			
DSE12	2023251	Tarun Rakesh Motwani	Development of Automatic Paper Stamping Machine	Internal	Mr. Shankar Waghmode
	2023255	Vaishnavi Nayan Rane			
	2023165	Ansh Notani			
	2023159	Atharav Ashok Kharangate			




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DSE13	2023246	Mansi Dixit	Fault diagnosis of DC Motor Using Motor Current Signature Analysis	Internal	Ms. Pallavi Khaire
	2023156	Bhargav Kamble			
	2023266	Kaustubh			
	2023253	Harshith Poojari			


 Dr. V.G. Salunke
 Name and Signature of
 Project Coordinator


 Dr. Aqleem Siddiqui
 Name and Signature of
 Head of the Department