

**MANJARA CHARITABLE TRUST**  
**RAJIV GANDHI INSTITUTE OF TECHNOLOGY, MUMBAI**  
(Permanently Affiliated to University of Mumbai)  
**DEPARTMENT OF MECHANICAL ENGINEERING**

**INDUSTRY SPONSORED PROJECTS AND PROJECTS  
WITH INDUSTRIAL COLLABORATION**

**INDUSTRY SPONSORED PROJECTS AND  
PROJECTS WITH INDUSTRY COLLABORATION  
(2023-2024)**

<b>Sr. No.</b>	<b>Name of the Student</b>	<b>Project Title</b>	<b>Project Guide</b>	<b>Industry</b>
1	Yogeshwar Pathade	Design and Fabrication of Condensor Unit	Prof. N. K. Deshmukh	Auro Engineering Company, Sakinaka
	Shubham Yelve			
	Eshank Pawar			
	Manish Sawant			

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1	Kamble Bhavesh	Noise reduction of Air Compressor	Prof. Nikhil V.S.	Rashtriya Chemicals and Fertilisers Ltd., Trombay, Navi Mumbai
	Kumavat Tanmay			
	Divte Siddesh Mohan			
	Desle Raj Ravindra			
2	Yash Karandekar	Design and Implementation of HVAC system	Prof. N.K. Deshmukh	Elevate HVAC Engineers, Kandivli, Mumbai
	Utsav Jaiswal			
	Nikhil Thosar			
	Bhushan Kokate			
3	Vatsal Shanbhag	Performance analysis of CI Engine using Biodiesel blends	Dr. Kiran Chaudhari	Apex Innovations Pvt. Ltd., Sangli
	Tejal Temker			
	Niyati Vaidya			
	Anukool Sasi			
4	Onkar Sudrik	Supply Chain Management and Logistics dashboard using Power BI	Dr. Yogesh Deshmukh	National Institute of Industrial Engineering, Powai, Mumbai
	Jay Savale			
	Harshal Yeole			
	Kaushal Bharambe			

5	Ankit Thakur	Overall efficiency improvement of Laser cutting machine	Prof. N.B. Shahapure	KLT Automotive, Mumbai
	Janmesh Dalvi			
	Deep Mali			
	Aditya Sankhe			
6	Kanchan Balaji Bansode	Railway track crack detection using Arduino	Dr. A.G. Londhekar	Western Railway, Lower Parel
	Qureshi Mohd Adnan Mohd			
	Pooja Sharad Kotharkar			
	Ruhi Dilip More			
7	Meet Samant	Design and Fabrication of Material handling system	Dr. A.G. Londhekar	Evergreen Engineering Co. Pvt. Ltd.
	Dipesh Shinde			
	Tejas Sawant			
	Shivani Chavan			
8	Mehul Barkul	Automatic floor and wall cleaning machine	Dr. Kiran Chaudhari	Ritu Enterprises, Malad
	Arun Pillai			
	Kaustubh Narvekar			
	Shubham Salvi			
9	Kurkute Avinash	Wave energy convertor	Prof. Rehan Siddiqui	Pacifab Technologies LLP, Palghar
	Mahala Piyush Chandu			
	Shaikh Abdul Azim			
	Sawant Vajresh Pradeep			

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Sr. No.	Name of the Student	Project Title	Project Guide	Industry
1	Khavare Adhiraj	Quality Control & Inspection for Covid Antigen Test Kit Using Machine Learning	Prof. Amol Mangrulkar	Aadowing Solutions LLP, Pune
	Kamble Swarali Sunil			
	Raut Pratik			
	Kandivalikar Pruthvi			
2	Kothavade Gaurav	Development of Automatic Bottle Filling & Capping Machine For Buffer Solution	Prof. Amol Mangrulkar	Aadowing Solutions LLP, Pune
	Kshirsagar Akshay			
	Yadav Aakash			
	Shah Vishal			
3	Bari Krishna Sanjay	Design and Fabrication of 3 axis arc Welding machine	Prof. Ashwini Gotmare	Hi-Tech Engineers, Mumbai
	Chavan Parth Sameer			
	Khataukar Aryaman Ashutosh			
	Limbachiya Shubh Ashok			
4	Rao Aayush Charit	Design of hydrogen storage and supply system for fuel cell vehicles	Dr. V.B. Malji	ARAI, Pune
	Kalra Arushi Yogesh			
	Purandare Shivam Sanjay			
	Sulaiman Mohamed Afsal			

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(2020-2021)**

<b>Sr. No.</b>	<b>Name of the Student</b>	<b>Project Title</b>	<b>Project Guide</b>	<b>Industry</b>
1	Thakare Alisha Sangram	Integrated Rapid Prototyping: Efficient Development of Custom Orthotics'	Prof. A. L. Mangrulkar	Simpliforge 3D Creations Pvt. Ltd.
	Yelve Neha Rajan			
	Tambe Pritam Anand			
	Shendge Ameya Nitin			
2	Naitik Devgania	IoT based biaxial solar tracking system	Prof. A. L. Mangrulkar	Sai Engineering Co., Andheri (east, Mumbai
	Smitesh Mahimkar			
	Nikhil Maurya			
	Abhishek Wani			