

D.V.V.P. College of Engineering Ahmednagar
Mechanical Engineering Dept.
Details of Project Work (B.E Mech.) Academic Year 2024-25

Sr. No.	Guide	Group No.	Name of Students	Title of Project	Category
1	Dr. P. A. Narwade	G-01	Bobade Nikita Kailas	Analysis of Variable Stiffness Spring for Shock Absorber	Non-sponsored
			Garad Chandrakant Baban		
			Gunjal Sahil Dipak		
			Jagdale Abhishek Sudam		
2	Prof. K. S. Kadam	G-02	Chaurasia Tushar Ravikumar	Finite Element Analysis of Biodegradable Composite	Non-sponsored
			Deshmukh Gayatri Shivaji		
			Jagtap Yashvant Baliram		
			Shinde Vaishnavi Ashok		
3	Prof. D. K. Nannaware	G -03	Chumbalkar Chaitanya Dattatray	Joining of Two Metals with Friction Welding	Non-sponsored
			Date Aditya Shridhar		
			Desai Santosh Machhindra		
			Pawar Yash Rajesh		
4	Prof. R. E. Kalhapure	G-04	Mane Tejas Rangnath	Experimental Study on Magnetic Abrasive Finishing Process	Non-sponsored
			Salvi Ashish Avinash		
			Gambhir Prashant Sunil		
5	Dr. A. S. Aher	G-05	Dagwale Shubham Hemant	Study of Fine Finishing process for Magnetic Abrasive Finishing Process- An Experimental Approach	Non-sponsored
			Deshmukh Pranit Narhari		
			Shinde Dipak Shivaji		
			Wani Dipak Narayan		
6	Prof. A. D. Kachare	G-06	Kale Abhijeet Sambhaji	Design and Fabrication of an Electromagnet for Abrasive Finishing Process	Non-sponsored
			Gopalghare Dhiraj Satish		
7	Prof. S. R. Tambe	G-07	Kusalkar Bhushan Ganesh	Experimental Investigation of Mechanical Properties on FDM Fabricated Tetra Chiral Auxetic Structure	Non-sponsored
			Pakhare Pooja Mahadev		
			Shende Vrushabh Babasaheb		
			Shaikh Sajid Yasin		
8	Prof. M. M. Bidwe	G-08	Nirban Tanmay Ashish	Effective Cooling System in EV	Non-sponsored
			Sudrik Omkar Kashinath		
			Jare Aniket Arjun		

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Details of Project Work (B.E Mech.) Academic Year 2023-24

Sr. No.	Name Of Guide	Group No	Name of Student	Title of Project	Sponsored/Non sponsored	If Sponsored Name of INDUSTRY
1	Prof. P.A. Narawde	G1	Bade Shantanu Ravindra	Development of magnetec suspension	Non sponsored	
			Khan Arib Maruf			
			Madane Tanmay Shivaji			
			Mohite Vishal Kashinath			
2	Prof. B.T. Tagad	G2	Bakal Gaurav Sanjay	Automatic Breaking System	Non sponsored	
			Dangat Akshay Radhakisan			
			Sonawane Premdas K			
			Pund Vishal S.			
3	Prof. D.K. Nanaware	G3	Bakal Narendra Rajendra	Modelling & Simulation of Li-ion Battery pack under thermal runaway conditions	Sponsored	Noven Technology LLP, Kothrud, Pune
			Ugale Digvijay Balasaheb			
			Bhosale Omkar A			
			Dahatonde Gaurav S			
4	Prof. A.D. kachare	G4	Gaware Prajita Mohan	IOT based Smart irrigation system	Non sponsored	
			Waghade Dipak Appasaheb			
			Lokhande Suyash			
			Kokane Sairaj			
6	Prof. A.S. Aher	G6	Aseri Shivam Nandkishor	Design & Development of parallel & angular offset coupling	Non sponsored	
			Waman Mayur Dilip			
			Yengupatala Sumit			
			Mache Yash R.			
7	Prof. M.M. Bidve	G7	Tungar Sanket Babasaheb	Design & Development smart solar grass cutter	Non sponsored	
			Varade Prathamesh P			
			Gugale Krishna Sambhaji			
			Shinde Aditya Ravindra			
8	Prof. K.M.Markad	G8	Jawale Pratik Shrikant	Structural analysis of layered composite	Non Sponsored	
			Mane Omkar Pravin			
			Updhye Prajwal Pravin			
			Sutar Prathmesh			
9	Prof. D.B. Thange		Ganesh Mule	Analysis of optimization process parameter by using CNC Machine	Non sponsored	
			Shinde Abhishek Sunil			
			Thite Omkar Baliram			
			Aniket Zine			

		G9	Patara Manisha		
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Details of Project Work (B.E Mech.) Academic Year 2022-23

Sr. No.	Name Of Guide	Group No	Name of Student	Title of Project	Sponsored/Non sponsored	If Sponsored Name of INDUSTRY
1	Prof. V.P. Patekar	G1	Jadhav Pratiksha Hiranman	Ariculated Robotic Arm For Pick & Place Application	Non sponsored	
			Kasliwal Sanskar Bhalchand			
			Kshirsagar Rohit Raju			
			Arawade Pranil Sharad			
2	Prof. D.B. Thange	G2	kale Aditya Machindra	Design & Development of Solar Powered Air Cooler	Non sponsored	
			Lagad Navnath Balasaheb			
			Jawale Abhijit Narayan			
			Daule Dipak ramesh			
3	Prof. Dr. R.R. Navthar	G3	Avhad Ganesh Ambadas	Development of Hybrid Vehicle	Non sponsored	
			Khale Mayur Haridas			
			Thokal Nilesh Bhausaheb			
			Dhakne Mahesh Namdeo			
			Korde Shubham Uddav			
4	Prof. Dr. R.R. Navthar	G4	Waghmare Rahul dattatray	Simulation & Modelling of Battery Pack In Electrical Vehicle	Non sponsored	
			Shinde vaibhav Ashok			
			Deshmukh Sanket Digambar			
			Markad Yuvraj dattu			
5	Prof. P.A. Narawde	G5	Radhinkar Santosh Shivaji	Performance Analysis of Magneto Rheological Damper	Non sponsored	
			Raut Tejas Arunrao			
			Shinde Rutik Bhimrao			
			Palve Mahesh Vikram			
6	Prof. P.A. Narawde	G6	Chindhe Akash Balasaheb	Modeling & Simulation of a Semi Active Vehicle Suspension Sysytem	Non sponsored	
			Wavhal Rohan Balasaheb			
			Gore Rushikesh Vikas			
			Jadhav Dhiraj Suryakant			
7	Prof. A.D. Kachare	G7	Saudhagar Saurabha Sambhaji	Design of Bladeless Wind turbine	Non sponsored	
			Satput Digvijay Maruti			
			Sadaphale Prajyot Pradeep			
			Saptarshi Yashodhan Mahesh			

8	Prof. A.D. Kachare	G8	Tambe Aniket Shivaji	Design of Two Wheel Drive Forklift for Industrial warehouse	Non Sponsored	
			Harde Pritam Vijay			
			Musmade Shubham Bhimraj			
			Guldagad Prathmesh Dwarku			
9	Prof. B. T. Tagad	G9	Garudkar Shubham	Performance Analysis of C.I. Engine Using Biodiesel	Non sponsored	
			Mahadik Vishal Shiakh Jubed			
			Sayyed Fardeen			
10	Prof. M.M. Bidve	G10	Kothule Aniket Appasaheb	Air Braking System using engine exhaust gas	Non sponsored	
			Kolpe Sachin Appa Bobade Shivaji Lahu			
			Sonawane Rushikesh Balasaheb			
11	Prof. M.M. Bidve	G11	Ghule Anand Balasaheb	Recycling of Lithium Ion Battery	Sponsored	Devendra Automobiles Pvt. Ltd., Kothrud, Pune
			Ghume Dinesh Vilas			
			Batule Kishor Bhimrao			
			Gade Aishwarya Bhau			
12	Prof. D.K. Nannaware	G12	Dange Shital Eknath	Development & Manufacturing of Single Seat E Vehicle	Non sponsored	
			Mulani Abrar Salim			
			Deulgaonkar Aditya Deepak			
			Garud Jayraj Deepak			
13	Prof. D.K. Nannaware	G13	Goske Rajshree Balasaheb Wavhal Shivani Ravindra Chatur Rohit Balasaheb	Design & Development of Hubless wheel of Bicycle	Non sponsored	
			Kulkarni Omkar Vasudeo			
14	Prof Y.S. Pathare	G14	Tagad Dadasaheb Jagannath Magar Nikhil Bhaskarrao Mulay Gaurav Yogesh	Individual Finger Flexer & Extensor Measurement Device	sponsored	DVVP, College of Physiotherapy, Vilad Ghat , Ahmednagar
			Nagarkar Suyash Sanjay			
			Sonar Abhishek Dattatray			
15	Prof. R.A. Kandake	G15	Fand Abhijit Suresh Jondhale Pramod	Table Model of Industrial Juicer	Sponsored	Deepa Industries, G-89, MIDC, Ahmednagar
16	Prof. K.S. Kadam	G16	Nimse Priyanka Sampat Dhumal Pradyana Rameshwar	Design & Simulation of Chassis of Single Seater Electrical Vehicle	NonSponsored	
			Deshmukh Pratik Subhash Kulkarni Sumit Karan			
			Supekar Lakhnan Rambhau			
			Ugale Akshay Uttam			
				Comparitively Study of Engine Oil by		

17	Prof.A.S. Aher	G17	Takale Yogesh Hiraman	Adding Nano Particles	NonSponsored
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Details of Project Work (B.E Mech.) Academic Year 2021-2022

Sr. No.	Name Of Guide	Group No	Name of Student	Title of Project	Sponsored/Non sponsored	If Sponsored Name of INDUSTRY
1	Prof. P.A. Narawde	G1	Ghadge Abhishek Ashok	Testing & analysis of Magnetorheological Damper	Non sponsored	
			Tejas Kailash Tarkase			
			Abhishek Sureshkumar Halnor			
			Adhiraj Babasaheb Kshirsagar			
2	Prof. A.D. Kachare	G2	Sahil kishorJadhav	Design & Development of spur pinion in loading condition with different material	Non sponsored	
			Vijaysinh Bandu Shewale			
			Sairaj Subhash Jagadhani			
			Manisha krishna Patare (Absent)			
3	Prof. A.V. Suryawanshi	G3	Umesh Rajendra Gite	Design of Transmission Systemfor Go kart	Non sponsored	
			Dhaval Atul Zavar			
			Shantanu Akash Varade			
4	Prof.P.G. Kohak	G4	Ajinkya Dnyandev Dhawale	Effect of protective material on micro drilling process on copper clad	Non sponsored	
			Ankit Popat Belhekar			
			Shubham Rajendra Dhadge			
			Pratik Dnyaneshwar			
5	Prof. B.T. Tagad	G5	Gaikhe Ganesh Raju	Redesign of Braking system for Go-Kart	Non sponsored	
			Bhosale Prasenjeet Shobhachand			
			Salve Rahul			
6	Prof.K.S. Kadam	G6	Tambe Switi anil	Dessign & Analysis of two wheel drive for fork lift for industrial warehouses	Non sponsored	
			Gore Yogesh Raghunath			
			Pathare Varad Shantwan			
			Nikam Nilesh Dinkar			
7	Prof. Y.S Pathare	G7	Vaibhav Rajabapu Jadhav	Chassis design of self balancing E Bike	Non sponsored	
			Aditya Amrut Katariya			
			Sahil Salim Hawaldar			
			Dushyant Nandkumar Dhupdhare			
			Onkar Rajendra Kulkarni			
8	Prof D.K. Nannaware	G8	Pratiksha Uttam Kale	Invstigation of hardness in diamond cuuting tool	Non Sponsored	
			Rushikesh Ashok Palve			
			Ankush Mansakarge			

9	Prof. P.A. Narawde		Dnyaneshwar Jagannath Kolte Rushikesh Harde	Self balancing of Two Wheeler	Non sponsored	
		G9	Tejas Anil Mahajan			
10	Prof. M.M. Bidve		Rohit Dattatray Lagad Tambe Tejas Anil Sanap Tirupati Sangram	Internal kanban system	Non sponsored	
		G10	Shirsath akash balasaheb			
11	Prof. Dr. R.R. Navthar		Nayan Longani Rushikesh Yelulkar	Elimination of manual lifting of exiter stator during assembly of alternator	Sponsored	Cummins Generator Technologies India Pvt Ltd C-33 MIDC Ahmednagar 414111
		G11	Subham Nirmal			
12	Prof. D.B. Thange		Gadekar Shubham Shivaji Khedkar Shubham Vittal Gaikwad Rushikesh Sunil	Savonius Hydro-Kinetic Turbine	Non sponsored	
		G12	Golttakke Visahl Balasaheb			
13	Prof S.K. Kadu		Salunke Sudharshan Ransing Rutwick David Raj yadav	CFT & RFT on wheel rim	Non sponsored	
		G13	Yogesh kailash Rodge			
14	Prof B. T. Tagad		Santosh Dhakane	Design of exhaust System for Go kart	Non sponsored	
		G14	Yuvraj Wajge			
15	Prof. A.M. Aher sir		Nandakumar Bankar Manoj Gavhale Vaibhav Bansode	Tribological Investigation of nano particles to be added in engine lubricating oil	Non sponsored	
		G15	Pralhad Hadole			
16	Prof. D. K. Nannaware		Avhad Hrishikesh Namdev Chitale Akash machindra Datal Shubham gokul	Combination breaking system with delay valve		Fregit brakes PVT LTD
		G16	Darunkar gaurav vijay		Sponsored	
17	Prof.Dr. R.R Navthar		Sagar Ravindra Dhas Sharma Kaushal Anand Saif Ali Khan	Manufacturing Planning of Electric Vehical Whel Rim & Implementation of FMEA	Sponsored	Limited, E-7 & E-8 Nagar, Manmad Rd, MIDC, Ahmednagar, Maharashtra 414111
		G17	Gandhi Sanket Sanjay			
18	Prof. D.B. Thange		Chaure Abhijeet Ram Jori Rupesh Vijay	Development of MR fluid		
		G18	Mate Rahul Sanjay Narsale Vaibhav Devanand		Non sponsored	
19	Prof. R.E. Kalhapure		Shirsat Dnyaneshwar Pandurang Bade Amol Mhatardev	Experimental study of finidshing		

		G19	Gotrache Bharat Ramkisan	process-magnetic abrasive finishing	Non sponsored	
			Vivek Kute , Roll No	Design & Fabrication of 3- Axis		
20	Prof. P.G. Kohak	G20	Saurabh Lokhande Sagar Gawade (Absent)	Drilling Machine	Non sponsored	
21	Prof. R.A. Kandake	G21	Ionare Ganesh raju Rasal Jayant waghmare pratiksha jagdish Gadekar Abhishek Dipak	Design & development of Railway Track Crack Detection System	Non sponsored	
22	Prof. R.A. Kandake	G22	Pund Omkar Vijay Rushikesh shivaji pawar Jadhav satyam Prakash Wagh Tushar	Multi Operation Powered Machine	Non sponsored	
23	Prof .S.G. Gadhe	G23	Arbaaz Farukh Shaikh Swapnil Rajendra Sonawane Pravin Muktaji Gadadhe Vaibhav Sanjay Thore jagdish Bhausahab Jadhav	Rose petals Sperator and grinding machine	Non sponsored	
24	Prof. S. G. Gadhe	G24	Lahare Prathamesh vishnu Yogita Anna Auti Uphade Shubham Vitthal Patekar Pravin Ashok Kulkarni Sumit Prashant	Energy Efficient Conveyor Belt	Sponsored	E.A.T.O.N, Ahmednagar MIDC
25	Prof. A.D. Kachare	G25	Deshmukh Tushar Sadashiv Bhople Jagdish Pandurang Bhogal Prashant Appasaheb Bhong Chaitanya Santosh	Electromagnetic Braking system	Non sponsored	
26	Prof S.K. Kadu	G26	Gore Sudesh kailas Misal Ananda Ramkruhna Bharaskar Vaibhav Sudhir Kolpek Abhishek Raju	Pneumatic operated tricon trolley	Non sponsored	
27	Prof B.T Tagad	G27	Shital Anarse Gore Mayuri Shinde omkar Bendre vaishanavi	Automatic Shirt Shirt press machine	Sponsored	Techno. Therm Engg. L74 MIDC ahemdanagar
28	Prof. M.M.Bidve		Bachkar Satish Annasaheb Gadekar Dhananjay Ashok Batheja Gaurav Harish	Setup time reduction in id grinding		INDUSTRIAL SYSTEMS PVT. LTD

		G28	Bedre Shweta Sharad	machine	Sponsored	- A-4, MIDC, Nagapur, maharastra
29	Prof. Y.S Pathare	G29	Kardile Rushikesh	Exhaust gas power generation	Non sponsored	
			Mahesh Vidhate			
			Pansare Dnyanadev			
30	Prof Y.S. Pathare	G30	Kale akashy	Button operated gear shifting system	Non sponsored	
			Navanth Bhimraj Gawate			
			Dnyanesh Sanjay Jadhav			
31	Prof. A. D. Kachare	G31	Sankalp Vijayakumar netke	Design optimization of an automobile torque arm using topology optimization and UTM.	Non sponsored	
			Barde Ganesh Rajendra			
			Barde Ganesh Rajendra			
32	Prof. Kadam K. S.	G32	Mehetre Nilesh Vasant	Ethanol Generation Through Agricultural Waste	Non sponsored	
			Tejasvi Ashok Thange			
			Bagwan Bareen M.			
			Walunekar Harshavardhan vilasrao			
33	Prof A.V.Suryavanshi	G33	Lakkam Pranav	Design of fixture to reduce the defects in hard chrome plating	Sponsored	Phoenix Enterprises , Adr. :- block no L -76 nagapur MIDC A. Nagar
			Thorat Shubham Shivaji			
			Joshi Abhishek Pandit			
			Khade Akshay Asaram			
34	Prof.M.M. Bidve	G34	Khair Akshay Ganpat	Semi automation for MCB tag fitting	Sponsored	india private limited Ahmednagar, Address - A 9 / A10 midc Nagapur Ahmednagar
			Pawar Anuradha Balasaheb			
			Shubham V Ghodke			
			Gaikwad Sumit S			
35	Prof S.K. Kadu	G35	Sirsat Amit Mahadev	Solar Dryer System	Non sponsored	
			Manish Nandan kumar			
			Wanedkar Snehash			
36	Prof. A. S. Aher sir	G36	Ambhore Vicky	Tribological Investigation of nano particles to be added in engine 15W40 engine oil	Non sponsored	
			Nikam Saurabh			
			Shubham Narayan Dhakane.			
			Nilesh Sanjay Gawate			
37	Prof. D.K.Nannaware	G37	Sushil Macchindra Halnor	Design & development of Vsprung Suspension System	Sponsored	Eicher Motors, Ahmednagar
			Amit Vasant Kadam			
			Rutik Ingale			
			Vishal Bade			
			Sakshi Bachkar			
			Dixit Gaurav Pradiprao			
			Kale Sanket Somnath			

38	Prof. V. P. Patekar	G38	Gawade Gaurav Pravin	Antilock Breaking for Elevators	Non sponsored	
			Thorat Saurabha Anilkumar			
39	Prof. V. P. Patekar	G39	Mayuri Gore	Design & Fabrication of Automatic Hand Brake Release System	Non sponsored	
			Vaishanvi Bendre			
			Ajit Deshmane			
40	Prof A.D.Kachare	G 40	Reshma Ghode	Automatic rain operated vifer	Non sponsored	
			Abhijit Malhari Khatik			
			Inamdar Saklen Ansar			
41	Prof B. T. Tagad	G41	Abhijit Pandurang Zine	Optimisation & Manufacturing of vortex tube for circuit & lathe tool cooling	Non sponsored	
			Pawan Dhandat			
			Sanjay Satpute			
			Tagad Shashikant Prakash			

			Wadagale Saurabh Vikas			
18	Prof.A.S. Aher	G18	Guldagad Abhishek Vinaykumar	To Enhance Tribological Properties of 15W40 Engine Oil	Non sponsored	
			Irrabattin Rushikesh Vyankatesh			
			Korde Sagar Bharat			
			Jamdar Akash Balasaheb			
19	Prof. D.B. Thange	G19	Raut Akansha Sanjay	Optimization of Cutting Parameter Based on Surface roughness in turning of EN7 carbon in CNC turning Machine.	Sponsored	Accura Engineers , Ahmednagar
			Batule Vaishanvi Rajendra			
			Bhingardive Vishakha			
			Kandare Rushikesh M.			
20	Prof. Y.S Pathare	G20	Bhale Yash Vilas	Seating Sway Measurement Device	sponsored	DVVP, College of Physiotherapy, Vilad Ghat , Ahmednagar
			Bhand Rushikesh Gorakhnath			
			Navsupe Kishor Ganesh			
			Bhingardive Prachi Balu Ghugare Yash Vijay			
21	Prof . R. E. Kahlpure	G21	Gangawane Nilesh Kundlik	Experimental Study of Magnetic Abrasive Finishing Using Artificial Abrasives.	Non sponsored	
			Bankar Anuj Ashok			
			Bhore Dipak Dattatray			
			Kolge Vishal Dileep			
22	Prof P. G. Kohak Sir	G22	Dhawale Ram Vitthal	Tablet Defauling Machine	Non sponsored	
			Jadhav Prathamesh Damu			
			Mandkar Mahesh Murlidhar			
			Chavan Kunal Prashant			
23	Prof. B. T. Tagad	G23	Sarnaik Pranav Vivek	Precise Wood Engraving Machine	Non sponsored	KNPS Systems Private Ltd., MIDC, Ahmednagar
			Bhosale Sujeet Santosh			
			Nawale Vaibhav Pandurang			
			Jadhav Yash V.			
24	Prof R.A. Kandake	G24	Khandave Suraj B.	nee Hypertension Measurement Devic	sponsored	DVVP, College of Physiotherapy, Vilad Ghat , Ahmednagar
			Zade Avinash D.			
			Kotkar Shubham A.			
			Bramahne Rahul B.			
25	Prof. S.K. Kadu	G25	Buchkul Sanket D.	Development of smart electrical bicycle	Non sponsored	
			Hulawale Sachin D.			
			Gadhawe Palash P.			
			Lande Vishal Baban			
26	Prof K.S. Kadam	G26	Mahanor Vikas Bhagwan	Testing of regenerative braking system for overload current	Non sponsored	Devendra Automobiles Pvt. Ltd., Kothrud, Pune
			Wakade Sahil Sanjay			
			Ghule Akash Appasaheb			
			Takale Krushna K.			

27	Prof S.S.Tambe	G27	Shahane Aniket A.	Design & development of autonomous 360° fire extinguisher robot with outscale detection	Non sponsored	Edutech Labs. Automate Engineering, Pune
			Lakhe Akash R.			
			Keluskar Pruthviraj S.			
			Udata Nikhil			