

Group No.	Title Of Project	Name Of Student	Area Of Project	Sponsored/Non-Sponsored	Internal Guide Name/Qualification/Experience
1	Electronic forklift by remote control	Shinde Abhishek Bhausaheb Shinde Vishal Arun Shinde Navnath Raosaheb Shelke Chaitanya Goraksha	Multidisciplinary	Non-Sponsored	Prof. S.P. Thorat Qualification: M.E. (Design) Exp. Teaching: 7
2	Performance evaluation of polymer composites for hip/knee joints	Thorat Omkar Balasaheb Kanawade Shreeraj Vaibhav Wani Vaishnavi Sudam Devare Prachi Sharad	Multidisciplinary	Non-Sponsored	Dr. P.N. Nagare Qualification: M.E. (Design), Ph.D. Exp. Teaching: 22 Exp. Industrial: 01
3	Pulse detonation engine	Khond Tejas Balu Nehe Aniket Pralhad Avhad Siddhesh Navnath Akolkar Rushikesh Kailas	Thermal	Non-Sponsored	Dr. V.S. Aher Qualification: M.E. (Design), Ph.D. Exp. Teaching: 26 Exp. Industrial: 01
4	Digital transmissibility analysis of shock absorber	Gujar Shubham Gangaram Bhise Radhesham Balasaheb Gawale Pushkraj Tukaram Dongare Sachin Vishnu	Multidisciplinary	Non-Sponsored	Prof. A.V. Deokar Qualification: M.E. (Design) Exp. Teaching: 16 Exp. Industrial: 01
5	Hydro-mechanical power transmission system for self propelled multipurpose onion harvester	Avhad Satish Vilas Deshmukh Saurabh Nivrutti Kolhe Pratiksha Bhikaji	SAE TIFAN event	Sponsored-Amrutvahini COE	Dr. V.D. Wakchaure Qualification: M. E. (Cad/Cam), MBA, Ph.D. (Prod. Engg.) Exp. Teaching: 24 Exp. Industrial: 01
6	Performance evaluation of copolymer UHMWPE for hip & knee joint implant	Jadhav Snehal Bhausaheb Deshmukh Aditi Kahandal Harsh Jejurkar Abhishek	Multidisciplinary	Non-Sponsored	Prof. P.S. Shivsharan Qualification: M.E. (Design) Exp. Teaching: 12 Exp. Industrial:
7	Design & development of screw feeder system	Jadhav Saurabh Dnyandeve Jadhav Siddhesh Kailas Asane Akash Sanjay Kshirsagar Pratik Mukund	Manufacturing	Sponsored-MECHATOL, Pune	Prof. M.B. Shirke Qualification: M.E. (Design) Ph.D. (Pursuing) Exp. Teaching: 15

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8	Design & Development automated system for measuring the radial clearance of bearing	Kawade Akash Bharat	Design Engineering	Non-Sponsored	Prof. Y.J. Wagh Qualification: M.E. (Thermal), Ph.D. (Pursuing) Exp. Teaching: 10
		Shirsat Aniket Baliram			
		Vavare Shwetark Rajesh			
		Wale Adesh Ramnath			
9	Experimental investigation of two dissimilar metal joining of aluminum & steel alloy using friction stir welding	Gomase Vaibhav Bhaskar	Manufacturing	Non-Sponsored	Prof. Y.R. Gunjal Qualification: M.E. (Design), Ph.D. (Pursuing) Exp. Teaching: 18 Exp. Industrial: 02
		Yash Navnath Gadakh			
		Erande Ganesh Balasaheb			
		Kalan Parimal Anil			
10	Design & manufacturing braking system for ATV	Jadhav Swapnil	Baja Event	Sponsored-Amrutvahini COE	Prof. O.U. Raktate Qualification: M.E. (Mfg.), Ph.D. (Pursuing) Exp. Teaching: 10 Exp. Industrial: 02
		Kadlag Akash			
		Mutadak Rohit			
		Parad Niketan			
11	Design & Manufacturing of transmission system for ATV	Talekar Tejas Trimbak	Baja Event	Sponsored-Amrutvahini COE	Prof. V.M. Mhaske Qualification: M.E. (Design), Ph.D. (Pursuing) Exp. Teaching: 25
		Magar Vrushali Sunil			
		Bodhak Gaurav Avinash			
		Mapari Harshal Dattatray			
12	Design & Manufacturing of quad copter drone using 3D printing	Thorat Onkar Kailas	Manufacturing	Non-Sponsored	Prof. R.E. Gite Qualification: M.E. (Design), Ph.D. (Pursuing) Exp. Teaching: 8 Exp. Industrial: 2
		Gabhale Vikas Devram			
		Talpe Rahul Navnath			
		Ughade Ramnath Dhondur			
13	Design & manufacturing of suspension system for all terrain vehicle	Patil Shreeniwas Ramesh	Baja Event	Sponsored-Amrutvahini COE	Prof. A.S. Shinde Qualification: M.E. (Design), Ph.D. (Pursuing) Exp. Teaching: 7
		Jagtap Shubham			
		Rahane Ashish Pandharinath			
14	Prediction of performance & emission char of biodiesel using diff tools	Pravin Laxman Avhad	Machine learning and artificial intelligence	Non-sponsored	Prof. S.B. Chaudhari Qualification: M.E. (Design), Ph.D. (Pursuing) Exp. Teaching: 8
		Saurabh Balasaheb Ghuge			
		Pratik Pandurang Bhabad			
		Sanika Rohidas Katore			
15	Crack detection of beam using vibration analysis & ANN	Gaurav Santosh Koshti	Machine learning and artificial intelligence	Non-sponsored	Prof. K.P. Morankar Qualification: M.E. (Heat Power), Ph.D. (Pursuing) Exp. Teaching: 29.5 Exp. Industrial: 3
		Jagtap Shubham Bhausaheb			
		Darshan Rajendra Jadhav			
		Gunjal Pooja Raghunath			

16	Automatic control system for a machine tool	Pratik Pradip Pradip Akash Vagref Chandhar Sachin Chandrabhan Kulkarni Pratik Somnath Jondhale	Multidisciplinary	Non-Sponsored	Dr. V.S. Aher Qualification: M.E. (Design), Ph.D. Exp. Teaching: 25 Exp. Industrial: 01
17	Design & manufacturing of ATV chassis	Selunke Praveen Jalinder Rahane Kalyan Sitaram Sangale Pratik Anandashob Karande Kaushal Pradeep	Baja Event	Sponsored- Amrutvahini COE	Prof. P.N. Gungul Qualification: M.E. (Design), Ph.D. (Pursuing) Exp. Teaching: 6
18	Experimental investigation & prediction in nanos fluid viscosity for solar thermal application	Aher Nikhil Rammath Deshmukh Dayal Dattatraya Agale Sudharshan Suryabhan Joshi Amit Sanjay	Thermal	Non-Sponsored	Prof. K.B. Deshmukh Qualification: M.E. (Design), Ph.D. (Pursuing) Exp. Teaching: 10 Exp. Industrial: 5
19	Automatic seed sowing machine	Mardlik Vivek Karanashob Pokhariker Vikas Rammath Bhatnagar Kanchhi Vaji Punde Karan Ganesh	Design Engineering	Non-Sponsored	Dr. V.J. Haas Qualification: M.Tech (CAD/CAM), Ph.D. Exp. Teaching: 20 Exp. Industrial: 02
20	Sustainable protection management system for onion storage	Hudang Chaitan Nathandu Dukre Chaitan Vijay Loharange Nikita Shivaji Jatigale Vidyashankarashob	Agriculture based	Non-Sponsored	Prof. S.T. Broyas Qualification: M.E. (Design), Ph.D. (Pursuing) Exp. Teaching: 12 Exp. Industrial: 02
21	Performance evaluation of polymer composites for Hip/Knee joints	Tharabhatkarn Vaishnavi Nitin Aditi Rajesh Waman Yash Kulkarni	Multidisciplinary	Non-Sponsored	Dr. P.S. Shigam Qualification: M.E. (Design), Ph.D. Exp. Teaching: 23 Exp. Industrial: 01
22	Manure crusher & spreader machine	Panwar Kishor Balashob Navalebhury Jagadu Patil Pratik Pratikash Dilip	Design Engineering	Non-Sponsored	Prof. D.M. Shinde Qualification: M.E. (Heat Power), Exp. Teaching: 16 Exp. Industrial: 15
23	Design & Development of portable water marking machine	Kandekar Anandashob Pratik Khadangkar Chaitan Nathandu Tharabhatkarn Nitin Karthik Narthak Bhavashob	Design Engineering	Non-Sponsored	Prof. S.H. Tambe Qualification: M.E. (Heat Power), Exp. Teaching: 16 Exp. Industrial: 02

24	Steering system for self propelled multipurpose onion harvester	KshitisagarRushikeshArun PhoneParshuramPrabhakar	SAE TIFAN event	Sponsored- Amrutvahini COE	Prof.K.S.Bhagwat Qualification: M.E. (Design), Ph.D. (Pursuing) Exp. Teaching: 8
25	Crop recommendation system	Adarsh Bharat Gadge ShivprasadNamdeo Gore MahaleOnkar Anil	Agriculture based	Non-Sponsored	Prof.K.D.Dagale Qualification: M. Tech. (Machine Design), Ph.D. (Pursuing) Exp. Teaching: 8 Exp. Industrial: 3
26	Performance evaluation of polymer composite for Hip/Knee joint implant	Shaikh AffanAnis Vedant Ravi Mankar KaladgiSoubaanMujeeb Kshatriya OmkarDnyaneshwar	Multidisciplinary	Non-Sponsored	Dr. M.S.Harne Qualification: M.E. (Design), Ph.D. Exp. Teaching: 15
27	Design & manufacturing of steering system (M.BAJA Vehicle)	RashinkarRushikeshHaribhau Salunke Abhishek Ashok AroteSanketAvinash PatilMayurPandit	Baja Event	Sponsored- Amrutvahini COE	Prof.G.B.Jambekar Qualification: M.E. (Design) Exp. Teaching: 11 Exp. Industrial: 05
28	Design & development of chassis system for self propelled multipurpose onion harvester	Dhole AmanManoj ChavhanRushikeshRajendra Kanawade Abhishek Babasaheb	SAE TIFAN event	Sponsored- Amrutvahini COE	Prof.S.C.Fargade Qualification: M.E. (Design) Ph.D.(Pursuing) Exp. Teaching: 20 Exp. Industrial: 01
29	Electromagnetic braking system	YashrajSudhirChalipat ShubhamPandit Sable Pratik MachhindranathMedhe Kalpesh Sanjay Gadakh	Multidisciplinary	Non-Sponsored	Prof.A.B.Aher Qualification: M.E. (Design), Ph.D. (Pursuing) Exp. Teaching: 11 Exp. Industrial: 01
30	Railway line crank detection system	SultaneShubhamBaburaao GhadgeVaibhav Kailas MaratheRohit Sanjay MetangleVivekBalu	Multidisciplinary	Non-Sponsored	Prof.B.G.Shinde Qualification: M.E. (Cad/Cam), Ph.D. (Pursuing) Exp. Teaching: 6.5 Exp. Industrial: 11
31	Steering system for self propelled multipurpose onion harvester	GunjalOmkarAnnasaheb Ghogare Rohan Sunil	SAE TIFAN event	Sponsored- Amrutvahini COE	Prof.D.S.Bajaj Qualification: M.E. (Design), Ph.D. Exp. Teaching: 23 Exp. Industrial: 04

32	nanoparticles as fuel additive	Pratiksha Purade Dive Shubham Anil Chavan Aniket Dagad Kalekar Pratiksha Rajendra Petare	Thermal	Non-Sponsored	Prof. S. D. Dighe Qualification: M.E. (Design) Ph.D. (Pursuing) Exp. Teaching: 10
33	Power transmission system for self propelled multi purposed onion harvester	Bayas Aditya Niraj Kumar Avhad Prasad Ramdas Kolhal Shwetambari Sanjay Avhad Prashant Sadashiv	SAE TIFAN event	Sponsored- Amrutvahini COE	Prof. G.S. Pendbhaje Qualification: M.E. (Design), Ph.D. (Pursuing) Exp. Teaching: 7
34	Evaluation and prediction of tin nonfluid stability for thermal application	Dnyaneshwari Kisan Pawar Khatode Aishwarya Subhash Sonawane Gayatri Sunil Hase Punam Gulab	Thermal	Non-Sponsored	Prof. K.P. Morankar Qualification: M.E. (Heat Power), Ph.D. (Pursuing) Exp. Teaching: 29.5 Exp. Industrial: 3
35	Design & vibration analysis of the four wheeler battery holding fixture	Khemnar Shubham Khilari Pratik Adhav Pruthviraj Darshan Kahare	Design Engineering	Non-Sponsored	Prof. V.M. Mhaske Qualification: M.E. (Design), Ph.D. (Pursuing) Exp. Teaching: 25
36	Design & Development digging & conveying system	Kedar Yogesh Trambak Badhe Adinath Ashok Gholap Pratiksha Sudhakar Kale Prathamesh Sopan	Design Engineering	Non-Sponsored	Prof. B.K. Varpe Qualification: M.E. (Design), Ph.D. (Pursuing) Exp. Teaching: 17
37	Development of methanol reformer	Deshmukh Ashwin Sujit Chaudhari Chetan Sanjay Tamboli Mohammadraza Faruk Shinde Yash Vilas	Thermal	Non-Sponsored	Prof. S.K. Amrutkar Qualification: M. Tech. (Heat Power & Thermal), Ph.D. (Pursuing) Exp. Teaching: 10 Exp. Industrial: 3.5
38	Portable conveyor belt system	Swadesh Shinde Rushikesh Mande Ashish Shere Sansare Siddhesh	Design Engineering	Sponsored- Suprabha Irrigation	Prof. K.K. Dighe Qualification: M.E. (Design) Exp. Teaching: 7
39	Image processing using multi codes GAN prior	Prathamesh Dukare Aditya Gadge Vivek Thorat Yashodip Dhas	Multidisciplinary	Non-Sponsored	Dr. B. R. Varpe Qualification: M.E. (Design), Ph.D. Exp. Teaching: 21

by roller conversion		Sponsor		Exp. Teaching: Exp. Industrial:01
41	Drip pipe wrapping machine	ShelarResham Raju	Multidisciplinary	Sponsored-Suprabha Irrigation Prof.S.T.Gadakh Qualification: M.E. (Mech.) Exp. Teaching:10
		Abhishek SampatWale		
		PravinAnna Mohate		
		Gaurav RajendraThorat		
42	Multi degree pick & place robot for small scale industries	Gaurav SopanraoWamane	Multidisciplinary	Non-Sponsored Prof.D.S.Bajaj Qualification: M.E. (Design), Ph.D. Exp. Teaching: 23 Exp. Industrial: 04
		Yadav Vishal Sitaram		
		WarkeSurajMadhurkar		
		SonaliDnyaneshwarSangle		
43	Using data analysis tool to influence decision making in higher education	ShirsatVarshaDatta	Multidisciplinary	Non-Sponsored Dr. V J Hase Qualification: M.Tech (Cad/Cam), Ph.D. Exp. Teaching: 20 Exp. Industrial: 02
		Hire JyotiJanardan		
		PurtataSudhakarUnawane		
44	Garbej collection under water using robot	ShindeGayatriNandakishor	Multidisciplinary	Non-Sponsored Dr. B. R.Varpe Qualification: M.E. (Design), Ph.D. Exp. Teaching: 21
		SangaleVishal		
		BhosaleAmar		
		ThoratYashValmik		

Dr. P.N. Nagare/ Prof. S.D. Galande
Project Coordinators

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