

DEPARTMENT OF MECHANICAL ENGINEERING

PROJECT GROUPS

YEAR : 2019-20

GROUP	ROLL	NAME OF STUDENTS WITH GUIDE	PROJECT TITLE	TYPE
		<u>DR. V.R. NAIK</u>		
1	BA69	Patil Harshavardhan Shrinivas	Autonomous parking car	Automation
	BB58	Patil Sushant Sanjay		
	BB61	Pawar Aniket Shankar		
2	BA55	Lohar Sanket Ananda	Automatic stairs climbing wheel chair	Automation
	BA57	Mali Swapnil Nagesh		
	BA58	Malwadkar Omkar Anand		
	BB49	Mamtabade Kiran Kashinath		
		<u>DR. V.D. SHINDE</u>		
3	BB45	Kumbhar Sushant Sanjay	Online monitoring and data analysis of sand reclamation system	Application
	BB60	Patil Swapnil Dhondiram		
	BB82	Urane Shubham Chandrakant		
4	BA04	/ Deshmukh Shivani Jaysingrao	Design & development of dual extruder FDM printer	Application
	BA05	/ Erandole Nikita Nivas		
	BB02	/ Hatti Rashmi Mallappa		
		<u>PROF. P.N. GORE</u>		
5	BA21	Bedge Jeevan Sanjay	Groundnut separating machine	Application
	BA32	Dhavale Sadanand Gajanan		
	BA45	Kamble Siddhant Ajamer		
	BA51	Koli Rushikesh Arun		
6	BA71	Patil Rohit Rajendra	Redesign of bandsaw roller guide for performance improvement	Application
	BA90	Waghmode Sagar Bhausaheb		
	BB59	Patil Swagat Sudhakar		
	BB63	Pirai Akshaykumar Dhula		
		<u>DR. A.D. PATIL</u>		
7A	BA07	/ Gurav Poonam Pandit	Experimental comparative study of diff. nanoparticle by using Heat exchanger	Research
	BB29	Jadhav Sourabh Shrirang		
	BA60	Momin Wasim Shamshuddin		
	BB73	Surnis Netraj Vyankatesh		
8A	BB85	Deshmukh Rajwardhan	Tyre pressure and condition monitoring system	Application
	BB87	Pandav Omkar Gangaram		
	BB83	Bhandari Gauravkumar Sumatilal		
	BB91	Hangarge Omprakash Anirudh		
7B	BA29	Chougula Chinmay Chandrakant	Design and dev. of aquasilencer for SI and CI engine emissions and noise control	Research
	BA30	Chougule Niranjana Shrimant		
	BA53	Koshti Suraj Ashok		
	BB80	Bhandekar Vinay Anil		
8B	BA84	Shete Sunny Rajendra	Design and dev. of electrostatic precipitator for CI engine emissions	Research
	BA39	Jadhav Sourabh Shripati		
	BA43	Kamble Arun Rajaram		
	BB16	Chavan Amit Ashok		
		<u>PROF.V.A. KAMBLE</u>		
9	BB15	Behere Shardul Purushottam	Structural analysis of dual annular ring using ANSYS	Research
	BB41	Khot Pravin Shankar		
	BB50	Mane Nishant Mahendra		
	BB86	Mali Govind Gajanan		
10	BA20	Balte Akshay Keshav	Paddy cutting machine	Application
	BA22	Belkude Rajiv Dattatray		
	BA26	Belkude Rajiv Dattatray		
	BA28	Chothe Omkar Vilas		

<u>PROF. V.P. GAIKWAD</u>				
11	BA46	Karade Anand Rajkumar	Electronic gear shifter for sequential gear system	Application
	BA47	Karveer Omkar Santosh		
	BB62	Pimpare Arshad Allauddin		
	BB69	Shaikh Mohd. Arbaaz Nadeem Af		
12	BA13	Melavanki Tanmayi Sunil	Aquatic moover for the removal of surface and underwater weed from lake	Application
	BA17	Todkar Revati Bharat		
	BA76	Poipkar Balkrishna Avadhut		
	BB09	Patil Priyanka Vivek		
<u>PROF. A.R. BALWAN</u>				
13	BA24	Bhosale Santosh Dilip	Design and development of Automatic sorting machine	Sponsored
	BA31	Dalvi Aditya Ravindra		
	BA38	Hattaragi Rahul Amol		
	BB30	Jadhav Sumit Rajaram		
14	BB66	Powar Malhar Suryakant	Intelligent rapid prototyping thro' optimization	Application
	BA82	Shaikh Tohid Rafik		
	BB92	Bhandare Amol Arun		
<u>PROF.S.A. SOUNDATTIKAR</u>				
15	BB20	Deshpande Sourav Shekhar	Development of AGV for shortest path estimation using image processing	Automation
	BB54	Nandre Chetan Shantinath		
	BB74	Sutar Akash Dilip		
	BB75	Urunkar Prathamesh Shrinivas		
16	BA06	Ghune Swati Chandrakant	Design and development of IOT based AGV for material handling	Automation
	BA08	Jadhav Kaushiki Dasharath		
	BA27	Chhachwale Ashutosh Amar		
	BA35	Gore Rushikesh Balaso		
<u>PROF. P.S. BADKAR</u>				
17	BA11	Mahajan Aishwarya Pratap	Design of damper for whirling of shaft apparatus for reduction of vibration	Application
	BB08	Pardeshi Shrusti Uday		
	BB11	Sathe Amruta Vijay		
	BB13	Tike Amruta Appasaheb		
18	BA78	Rajput Akshay Bhagatsing	Vibration analysis of picking mechanism in powerloom	Application
	BB57	Patil Sanket Ajit		
	BB65	Potdar Ameya Milind		
	BB71	Shinde Shubham Gajanan		
<u>PROF.V.B. MAGDUM</u>				
19	BB21	Dongare Suyog Shrirang	Design of fixture for SPM used for drilling and tapping of part of brake drum	Sponsored
	BB25	Gurav Shubham Vishwas		
	BA72	Patil Sahil Sayajirao		
	BA36	Hagare Shubham Abhay		
20	BA34	Earandolkar Pavan Prashant	Design, analysis and mfg. of radiator mounting bracket by using composite material	Application
	BB79	Aswale Nikhil Balu		
	BB53	Misal Ashutosh Rajendra		
	BB42	Kininge Pratik Chandrakant		
<u>PROF. A.V. SUTAR</u>				
21	BA01	Atigre Rutuja Rajendra	Collaborative working of AGVS	Application
	BA40	Kadam Abhishek Ashok		
	BA50	Kolekar Vishal Daji		
	BA67	Pardeshi Abhishek Gajanan		
22	BA59	Mankar Prasheek Buddheshwar	Bike skidding control	Application
	BB18	Davane Nishikant Ramchandra		
	BB32	Jamdar Shrey Sanjay		
	BB64	Potadar Prashant Suresh		

<u>PROF. M.R. RAWAL</u>				
25	BA15	/ Pawar Pratiksha Uttam	Design an ddevelopment of fertilizer spraying and weed removal machine	Sponsored
	BA63	Mulik Kamlesh Madhukar		
	BA74	Pawar Omkar Vijaykumar		
	BB06	/ Kshirsagar Shweta Rajendra		
26	BA73	Patole Sushant Suresh	Design and development a mechanism to remove pulp from custard apple	Application
	BA75	Phadtare Sourabh Sanjay		
	BA87	Suryawanshi Rohan Raghunath		
	BB72	Sontakke Amit Gopal		
<u>PROF.U.S. KHADE</u>				
27	BA66	Parchure Chaitanya Milind	Automatic Quality control line for inspection	Sponsored
	BB34	Joshi Atharva Ashok		
	BB43	Kudache Abhijeet Anil		
	BB26	Jadhav Adesh Bajarang		
28	BB23	Godse Aditya Anil	Tyre Sidewall cutting machine (tyre waste management)	Application
	BB24	Gorad Praful Prakash		
	BB19	Desai Dhiraj Vilas		
	BB31	Jamadagni Girish Bajarang		
<u>PROF. R.D. PATIL</u>				
29	BA83	Shet Aditya Umesh	Experimental ana. Of convective heat transfer in a pipe using twisted inerts	Research
	BB48	Maity Suchandan Gorachand		
	BB51	Mapate Vivek Vijay		
	BB84	Patil Vidyasagar Babgonda		
30	BB33	Jirage Sourabh Sanjay	Design & fabrication of automatic solar panel cleaning system	Application
	BB39	Karame Sushant Tanaji		
	BB55	Patil Anant Anil		
	BB68	Sangrulkar Vishal Pralhad		
<u>PROF. U.S. BONGARDE</u>				
31	BA03	/ Chiprikar Priyanka Raosaheb	Design & development of drain cleaner system	Application
	BA12	/ Malavade Shrutika Shrikant		
	BA16	/ Shinde Prachi Sanjay		
32	BA49	Khot Rohan Rajendra	Drycell hydroxyl generator	Application
	BB40	Khandekar Vishal Sanjay		
	BB52	Maske Manoj Dattatray		
	BB27	Jadhav Ajinkya Rajesh		
<u>PROF. B.B. KABNURE</u>				
33	BA19	Awati Abhishek Ajit	Smart vehicle using IOT devices	Automation
	BA33	Dhende Rudra Sunil		
	BA89	VALKUNDE OMKAR ANIL		
	BA91	Wangikar Rajwardhan Vijay		
34	BA62	Mule Guruprasad Sakharam	Topology optimization in automotive brake pedal and disc brake design	Application
	BA86	Sorate Abhinav Ganesh		
	BA92	Yalrute Shantanu Abhay		
	BB22	sang		
<u>PROF. R.R. KOLHAPURE</u>				

35	BA25	Bidkar Apurv Vinay	Design & mfg. of hydraulic fixture of differential housing	Sponsored
	BA41	Kadam Shubham Sayaji		
	BA42	Kale Prasad Vijay		
	BB78	Koli Sacchidanand Chandrakant		
36	BB90	Lad Niranjan Suresh	Energy generation using speed brakers	Application
	BB89	Yadav Praveshkumar Jitendra		
	BB70	Shashwat Saurabh		
	BA85	Sobin Joseph Syriac		
		<u>PROF. V.R. BALWAN</u>		
37	BB03	/ Jadhav Shivani Somnath	Design and fabrication of waste water collector	Application
	BB04	/ Kalawant Simran Salim		
	BB07	/ Mankapure Priyanka Sanjay		
	BB12	/ Thorat Vaishnavi Pramod		
38	BA02	/ Bagwan Zuveriya Aayyaz	Design and deveopment of invelox wind turbine systemfor power generation	Application
	BA14	/ Patil Sayali Anil		
	BB05	/ Katu Shreya Someshwar		
	BB10	/ Sargar Komal Manik		
		<u>PROF. K.K. POWAR</u>		
39	BA37	Hasabnis Shrinidhi Digambar	Design and mfg. of SPM for pump cover and pump body	Sponsored
	BA44	Kamble Shubham Bhimrao		
	BA94	Zare Vishal Shivdas		
	BB17	Chavan Vaibhav Anil		
40	BB14	Banne Shubham Sanjay	SPM for billet loading in forging machine	Sponsored
	BB47	Lokhande Sarang Sadanand		
	BB67	Sangar Swapnil Chandrakant		
	BB76	Warke Sumit Sambhaji		
		<u>PROF. A.M. RATHOD</u>		
41	BA64	Munot Shreyas Manoj	Foot step power generation by using rack and pinion	Application
	BA68	Patil Abhishek Dinkarrao		
	BA80	Sawant Jyotiraditya Suryakant		
	BA93	Yevale Kartik Shivaji		
42	BA70	Patil Pratik Chandrakant	Design and manufacturing of dry dates pitting machine	Application
	BA77	Rabade Rushikesh Pratap		
	BA79	Sasane Pratapsingh Prabhakar		
	BB56	Patil Samrat Ashok		
		<u>PROF. B.K. KHOT</u>		
43	BA95	Pujari Ravindra Dattatray	Reduction vibration in ambulance	Application
	BB37	Kamble Pradeep Prakash		
	BB	Pranav Makote		
	BB38	Kamble Rohan Rajkumar		
44	BA54	Kurane Ashish Sanjay	Design and Deve. Of recycled plastic extrusion machine	Application
	BA65	Nalawade Sachin Balaso		
	BA81	Shahapure Shubham Vijay		
	BB46	Kumbhoje Abhishek Vinod		
		<u>PROF. G.C. MEKALKE</u>		
47	BA09	/ Jain Rutuja Rajgonda	Energy storing body panels for electric vehicle	Application
	BA10	/ Joshi Aditi Ashok		
	BB35	Kakade Shantanu Appasaheb		
	BB44	Kulkarni Apurv Atul		
48	BA48	Khedkar Ajay Vijay	Mfg. of engine mounting bracket by using composite materials and analysis	Application
	BA61	Mujawar Sohel Umarfaruk		
	BA88	Swami Rahul Appasaheb		
	BB01	/ Bhosale Pranavi Shivaji		