

DEPARTMENT OF MECHANICAL ENGINEERING

List of Mini Projects 2019-20

Sr. No.	Group No.	MIS	Name	Mini project title	Guide	Review status
1	01	111710026	Gajanan Deshmukh	Analysis of carbon fibre	P H Selmokar	
2		111710033	Amol Dound			
3		111710034	Avinash Dound			
4		111710004	Sanveg Akkarbote			
5	02	111710020	Onkar B Chougule	Design and testing of trigger mechanism of reverse battery	P H Selmokar	
6		111710022	Vinayak D Chougule			
7		111710035	Lalit S Duseja			
8	03	111710085	Bhaves G Pardhi	Study of lever driven bicycle	S S Pardeshi	
9		111710087	Dhananjay N Patil			
10		111710088	Rushikesh A Patil			
11		111710093	Rushikesh G Pawar			
12	04	111710038	Vedant N Gaikwad	Design of micro-channel heat exchanger	N D Shikalgar	
13		111710066	Aniket B koychade			
14		111710074	Tushar S Mahajan			
15		111710081	Savin S Mutyalwar			
16	05	111710058	Ajay K Kelkar	Application of machine learning for mechanical engineering	N K Chougule	
17		111710060	Hrushikesh S Khade			
18		111710061	Apoorva N Khairnar			
19	06	111710111	Pushkar A Shukla	Vibrations of multi degree of freedom systems	A P Bhattu	
20		111710114	Nikhil S Sonawane			
21		111710116	Sumit T Mali			
22		111710125	Aditya A Ukale			
23	07	111710012	Naman S Bajaj	A wavelet featured based condition monitoring	A D Patange	
24		111710040	Rohan S Ghatpande			
25		111710057	Kaushal A Kulkarni			
26	08	141810016	Rudresh J Hegu	Machine health monitoring using machine learning approach	A D Patange	
27		111710132	Aditya M Medhi			
28		111710133	Aditya R Patil			
29		111710128	Rugved Wakchaure			
30	09	111710031	Ankita Dolare	Design optimization of brake disc	S B Patil	
31		111710043	Vaishnavi Gurav			
32		111710049	Komal Jedgule			
33		111710129	Vaishnavi Warge			
34	10	141810008	Nikhil R Waghalkar	Developing mechanism for measuring a paper roll	V K Haribhakata	
35		141810010	Pratik W Datir			
36		141810015	Rohit G Tidke			
37		141810018	Rushikesh K			

			Paratwar			
38	11	111701007	Vidisha P Baviskar	Design mechanism	V K Haribhakata	
39		111710018	Samiksha R Chichani			
40		111710145	Vineet Pahilajani			
41	12	111710017	Vaishanvi A Chakradeo	Design and development of Ornithopter for low altitude maneuvering	S S Ohol	
42		111710048	Riyaa P Jadhav			
43		111710053	Kalyani M Deshmukh			
44	13	111710052	Aniket S Kale	Modeling and simulation of spark ignition engine	S D Durgam	
45		111710059	Nikhil U Kene			
46		111710062	Akshay A Khedkar			
47		111710084	Sanket D Palve			
48	14	111713013	Nikhil N Dhage	Design mechanism	M R Nandgaonkar	
49		111710028	Neha R Deshpande			
50		111710050	Sayali Joshi			
51		111710011	Shashank Baheti			
52	15	111710077	Ashutosh Mhasagar	Pin fin array arrangement	P R Dhamangaonkar	
53		111710086	Shantanu Parode			
54		111710095	Shrikala Purohit			
55		111710098	Vaishanavi Ruikar			
56	16	141810005	Mahesh S Manekar	Modeling and simulation of 2-stage reduction gear box for agriculture applicaton	P W Deshmukh	
57		141810006	Mayur D Thorat			
58		141810009	Nitish R Kamble			
59		141810019	Sweety Deshmukh			
60	17	111713025	Atharava Kapdnis	Rating system for hospitals	M P Khond	
61		111710090	Suyash Patil			
62		111710099	Rushikesh Jadhav			
63	18	111710094	Aayush A Prabhune	Mechatronically operated innovative solar system	H P Shinde	
64		141810012	Rahul N Yadgire			
65		141810022	Vispi N Kaekaria			
66		141810023	Sanket V Wardhekar			
67	19	111710127	Manoj Waghmare	Modeling and simulation of compression ignition engine	S D Durgam	
68		111710047	Nikhil Jadhav			
69		111710044	Hardik Nawale			
70		111710056	Rohan Katkar			
71	20	111710142	Rida Mukadam	Design and manufacturing of an in pipe crack detection bot	S S Ohol	
72		111710140	Keerthika Prabhala			
73		111710139	Kaushal Kudale			
74	21	141810003	Dhananjay P Hiwase	Design of manually operated water pump	H P Shinde	
75		141810004	Kapil A Deshmukh			
76		141810020	Vaishnavi V Shivramwar			
77		141810024	Shubham P Kewate			
78	22	111710036	Prachi Gadekar	Design of steering system for a formula student car	S M Kadam	
79		111710070	Yash Kulkarni			

80		111710071	Shantanu Kumbhar			
81		111710109	Shubham Mussa			
82	23	141810002	Ahire Chatali B	Structural and thermal analysis of IC engine using different materials	S M Kadam	
83		141810014	Pradhan Rashi M			
84		111710016	Bhagyesh M Bhoje			
85		111710023	Suyash B Dadmal			
86	24	111710131	Abeer Syed	Laser hardening simulation	S V Wagh	
87		111710137	Furqan Shaikh			
88		111710144	Swapnil Khorate			
89	25	111710009	Amar Avahale	Analysis and enhancement of performance of compressor used in refrigerator	N D Shikalgar	
90		111710029	Gautami Dhavale			
91		111710067	Chaitali Kulkarni			
92		111710069	Swarupa Kulkarni			
93	26	111710119	Aishwarya Tadv	Minimization of stress and deformation of composite spur gear using FEA	P S Shinde	
94		111710013	Jayshree Bhadane			
95		111710014	Aarti Bhangare			
96	27	111710134	Arsalan Dalwani	Analysis and design of morphed wings	S V Wagh	
97		111710135	Ashish Wani			
98		111710136	Chris Jacob			
99	28	111710122	Shubham Tavate	Modified centre stand of a two wheeler	S N Sapali	
100		111710118	Swaraj Patil			
101		111710146	Riya Wazarkar			
102		111710138	Harshvardhan Jog			
103	29	111710027	Yash D Deshmukh	Four legged transporter for multi-terrain navigation	S S Ohol	
104		111710105	Shantanu S Karmuse			
105		111710080	Atharv V More			
106	30	111710100	Sanjit A Dhole	Crash analysis of vehicle	P S Shinde	
107		111710097	Nitin A Rathod			
108		111710089	Sarvesh Patil			
109	31	111710025	Hrishabha M Dave	Generative design	N K Chougule	
110		111710032	Piyush Dongare			
111		111710041	Ajinkya Ghongade			
112		111710051	Rohit Kadam			
113	32	111710149	Devashish Karahadkar	Automatic door closing mechanism using gears	S S Pardeshi	
114		111710107	Shinde Akshay			
115		111710120	Siddharth Tagad			
116		111610046	Himanshu Giri			
117	33	111710112	Siddhant Sinhasane	Analysis of drag and lift forces over a sphere for external flow situations	P W Deshmukh	
118		111710113	Anuja A Sonawane			
119		111710115	Prajakta V Sonawane			
120		111710117	Vijaykr. M Suryawanshi			
121	34	111710037	Gaikwad Shubham R	Design and analysis of shock absorber	P P Suryawanshi	
122		111710042	Gunte Narayan A			

123		111710046	Hasarmani Basavaraj			
124		111710055	Kasture Navjeevan			
125	35	111610136	Rutuja Gadekar	Design of active suspension system of a car	S S Bhavikatti	
126		111710102	Sayali Gaikwad			
127		111710126	Vishakha Shendage			
128		111710108	Gayatri Shinde			
129	36	111710007	Rushikesh Anmulwad	Grinding operation on CNC lathe	S S Mundra	
130		111710079	Jagan S Mokmod			
131		111610109	Sana A Shaikh			
132	37	111710005	Neha S Amane	Solar operated electric scooter charger	G V Parishwad	
133		111710072	Sayali V Kushire			
134		111710073	Shruti R Lande			
135		111710076	Pranali V Mane			
136	38	111710065	Kokare Rushikesh B	Design of vaccine cold storage plant	S N Tapase	
137		111710063	Khodse Raturaj			
138		111710075	Mahamuni Aditya			
139		111710082	Netare Aditya			
140	39	111710045	Ankur C Harge	Development of an evaporative cooler	S N Sapali	
141		111710008	Devendra N Aradhye			
142		111710019	Sumed P Chougule			
143		111710021	Shirish T Chougule			
144	40	111710001	Sahil Khajuria	Tuned mass damper	P P Suryawanshi	
145		111710002	Manish Singh			
146	41	111710010	Dhananjay M Babre	Thermal performance of PCM using graphene	S S Mundra	
147		111710039	Prajwal R Gharad			
148		111710030	Rupesh Dhoot			
149	42	141810021	Vinayak V Mane	Design and analysis of a muffler in car	N M Gawai	
150		148110001	Asutosh R Nikam			
151		141810017	Rushikesh B Rajguru			
152		111710106	Abhishek R Shegokar			
153	43	111710147	Kynmawbiang Myrthong	Modal analysis of exhaust system	N M Gawai	
154		111710148	Readingstar Malang			
155	44	111710104	Salman Shaikh	Design and development of road digging machine	M P Khond	
156		111701045	Sohel Shaikh			
157		111710130	Aayush Kaul			
158		111710103	Juber Shaikh			
159	45	111710091	Utkarsha Patil	Solar operated pump	S N Tapase	
160		111710110	Shubham Shetye			
161		111710124	Snehali Teltumde			
162		111710101	Dipak Savant			
163	46	111710324	Ganesh O Vasmatkar	Case study on development of UAV	M G Karnik	
164		111710323	Kunal A Ghogaliya			
165		111710322	Digambar S Kadam			

166		111710325	Somesh G Bandichhod			
167	47	111710096	Aditi Rahegaonkar	Development & experimental assessment of fluid flow monitoring system	G V Parishwad	
168		141810013	Rajlaxmi Darekar			
169		141810007	Neha Gawane			
170	48	111610001	Adaskar Khandu	Optimization of automotive engine bracket	V K Tripathi	
171		111610069	Mangnale Yogeshwar			
172	49	111710015	Mohit K Bhiwarkar	Inbuilt hydraulic jack system for four wheelers	N D Dhote	
173		111710078	Madhura D Mitkari			
174		141810011	Priyanka S Datir			
175		111710121	Ganesh Tapkir			

