

COLLEGE OF ENGINEERING PUNE

DEPARTMENT OF MECHANICAL ENGINEERING

LIST OF MINI PROJECTS – 2020-21

S. No.	Group No.	MIS	Name of the students	Title	Guide	Remark
1	1	111810023	Disha Vijaykumar Wadadare	Design of active suspension system	S S BHAVIKATTI	
2		111810025	Kaustubha Rajesh Garude			
3		111810038	Pranav Prashant Kale			
4		111810055	Swarant Arun Mane			
5	2	111810069	Rucha Pendharkar	To conduct structural analysis of a battery pack enclosure and hence, decide on the material it is to be made of.	M P KHOND	
6		111810103	Roshan Gupte			
7		111810111	Saibalaji Kokate			
8		111810158	Rashmi Joshi			
9	3	111810057	Vinayak Marudwar		R N LADHWE	
10		111810112	Sakshi Pawar			
11		111810134	Kshitij Jiddewar			
12		141910015	Saloni Thakur			
13	4	111810050	Shubham Kushte	Design of the Shock Absorber using Elastomer for Conventional Suspension System in a Light Weight Vehicle	M G KARNIK	
14		111810056	Vishakha Mane			
15		111810083	Dipika Suryawanshi			

16		111810126	Prajakata Kamble			
17	5	111813001	Agarawal Pranav Jyotikumar		S S OHOL	
18		111810051	Amolkumar Lihare			
19		111810047	Mayuri Koli			
20	6	111810052	Komal Mahjan		M R NANDGAONKAR	
21		111810089	Kshitij Verma			
22		111810093	Ameya Zarkar			
23		111801070	Zuben Tashildar			
24	7	111810139	Prerna Umbarkar		S N SAPALI	
25		111810104	Royce D'souza			
26		111810059	Aakash Sunil Deshmane			
27	8	111810071	Aditya Potnis	Design and analysis of a modular robotic tentacle mechanism (2 degree of freedom) inspired by origami.	P S SHINDE	
28		111813024	Kaushik Kunale			
29		111810109	Rohit Khadilkar			
30		111810014	Bhavika Chawla			
31	9	111810065	Jayesh R Patil	Store preloading mechanism in fighter plane	V K HARIBHAKTA	
32		111810078	Rohit S Sandanshiv			
33		111810088	Tejas A Umate			
34		111810063	Prerna V Pardeshi			
35	10	141910013	Sourabh Rakesh Shinde		S S MOHITE	
36		141910014	Nilesh Rajendra Sutar			
37		141910008	Taaukir Husen Jakir H. Momin			

38	11	111810107	Misal Onkar Santoshkumar		A P BHATTU	
39		111810137	Dhage Sudhanshu Shamrao			
40		111810138	Ladda Tejas Sanjaykumar			
41		111810146	Deore Digvijay Laxman			
42	12	111810087	Vivek Shayam Ugale		N K CHOUGULE	
43		111810075	Prithviraj Sanjaysinh Rajput			
44		111810016	Vishal Umakant Dawale			
45		111810077	Sourabh Vijay Rawal			
46	13	111810004	Payal Sanjay Badgujar	Domestic Waste Compost Machine	H P SHINDE	
47		111810067	Shital Bharat Patil			
48		111810086	Rohinin Vaijinath Tidke			
49		111810154	Shruti Satish Lachuriye			
50	14	111810091	Tejal Wagh	Maximizing the Heat Transfer through Fins using CFD as a tool	S B PATIL	
51		111810096	Mihir Tiple			
52		111810102	Paras Raina			
53		111810141	Tarun Ponala			
54	15	111810120	Hema Purushottam Khobragade	Design and development of automatic rain operated wiper	P H SELMOKAR	
55		111810127	Rajat Vinod Kalantri			
56		111810157	Tanvi Mohit Kulkarni			
57		111810152	Aishwarya Shirure			
58	16	111810009	Bodkhe Devyani Rajendra	Highway Energy Harvesting Using a Vertical Wind Turbine	N D DHOTE	
59		111810019	Deshmukh Supriya Hanumant			

60		111810072	Pradhan Harshada Sunil	with Solar Panel		
61		111810108	Kapase Pallavi Popat			
62	17	111810021	Krishna Dighe		S V WAGH	
63		111810033	Virendra Jagtap			
64		111810015	Anup Damke			
65		111810042	Manas Kapole			
66	18	111810043	Kate Vivek Ankush	Analysis of Impact conditions on helmet using different materials	S S MUNDRA	
67		111810045	Khatkale Akhilesh Rajkumar			
68		111810046	Khotare Onkar Anilrao			
69		111810142	Vaibhav vilas Jadhav			
70	19	111810012	Samarth Subash Choudahri		S S PARDESHI	
71		111810133	Sanket Shashikant Joshi			
72		111810048	Mayuresh Ananda Kshirsagar			
73		111810130	Rushikesh Prakash Pachghare			
74	20	141910004	Aarti Ajitrao Gaikwad	Desgn and analysis of vapour absorption system working on engine waste heat using software	M J SABLE	
75		141910009	Akansha Ganesh More			
76		141910011	Siddhi Shankar Pingat			
77	21	111810073	Nikhil Pradhan	Cutting tool condition prediction modeling using deep learning classifiers	A D PATANGE	
78		111810080	Jay Shah			
79		111810106	Sparsh Thakur			
80		111810099	Animesh Moharir			

81	22	141910006	Kadam Sanket Deepak	Electrostatic precipitator for Automobiles	N M GAWAI	
82		141910007	Kondgule Akhilesh Prakash			
83		141910012	Shete Pratik Subhash			
84		141910017	Wangikar Akshay Pramod			
85	23	111810058	Mule Saurabh Sunil		S S OHOL	
86		111810053	Mahesh Arun Gawande			
87		111810124	Moharil Yashwant			
88		111810129	Pisipati Rohan Rajendra Prasad			
89	24	141910016	Shubham Anil Wable	Modal Analysis of rare coil Suspension System for Four wheeler	P P SURYWANSHI	
90		141910003	Vikrant Arunrao Dagadkar			
91		141910005	Shubham Kailas Gawali			
92		141910010	Abhishek Ramdas Patil			
93	25	111810027	Nagesh Ramakant Gite		S V WAGH	
94		111810007	Vaibhav Uddhav Bhangre			
95		111810001	Sumit Sanjay Adkine			
96		111810036	Raj Dnyaneshwar Jindam			
97	26	111810076	Manas Mahesh Rane		R M WARKHEDKAR	
98		111810136	Shubham Navnath Sutar			
99		111810140	Pranay Punjaram Urkude			
100		111810144	Chandrashekhar Shriram Mare			
101	27	111810143	Ankush Ukey	Mini Conveyer using Geneva Mechanism	S M KADAM	
102		111810115	Tejas Ukey			

103		111810131	Sanket Dahapute			
104	28	111810101	Naman Banwat		S N TAPASE	
105		111810116	Naeem Ahmed			
106		111810125	Nishantprasad Shukla			
107		111810145	Charudatta Agnihotri			
108		111810150	Piyusha Bhartiya			
109	29	111810002	Devendra Agrawal	Mathematical simulation of fuel spray characteristics	S V LAHANE	
110		111810013	Udayraj Chaure			
111		111810128	Ritika Baghokar			
112		141910001	Rohit Gokul Ahire			
113	30	141910002	Nandini Dinkar Bijwe	Numerical analysis of volumetric absorption based solar thermal collector	VISHAL BHALLA	
114		111810153	Shreyash Bharat Ramteke			
115	31	111810070	Pranav Vishram Phadke	Optimization and analysis of process parameters and mechanical properties for selective laser sintered products	P S SHINDE	
116		111810074	Akshay Prashant Rajadnya			
117		111810081	Shelke Sanket Shantaram			
118		111810017	Desai Digvijay Dattatray			
119	32	111810006	Saharsha Bartakke	Design simulation and fabrication of vehicle exhaust gases emission control system	S O DURGAM	
120		111810085	Snehal Thanekar			
121		111810031	Sayali Hajare			
122		111810082	Chaitrya Shet			
123	33	111810035	Sharaddha Jathar	Optimizing work hours of employees in industries	N D SHIKALGAR	
124		111810114	Somesh V Bam			

125		111810135	Shubham Alte			
126		111810156	Harshal Wayadande			
127	34	111810003	Mahesh Anandkalwas	Design and development of metal heating furnace	P R DHAMANGAONKAR	
128		111810005	Tanaya Bapat			
129		111810011	Vaihnavi Butte			
130	35	111810092	Sandesh War		A D PATANGE	
131		111810097	Mohammed Mustakim Surti			
132		111810105	Siddharth Tiwari			
133		111810147	Abul Fahad Sohail			
134	36	111810022	Prasad Vishvanath Dighe	Numerical study of waste heat recovery systems of Automobile	P W DESHMUKH	
135		111810037	Rushikesh Pramod Kadu			
136		111810040	Nishikant Rajaram Kandhare			
137		111810122	Kalpesh Shyamsundar Patil			
138	37	111810084	Abhishek Shivanand Swami		R N LADHWE	
139		111810039	Shreyas Amol Kale			
140		111810010	Mayur Jitendra Borse			
141	38	111810149	Mohini Rajput	DESIGN AND ANALYSIS OF I.C. ENGINE PISTON AND PISTON-RING USING CATIA AND ANSYS SOFTWARE	S S MUNDRA	
142		111810155	Shweta Gomase			
143		111810148	Preshit Gedam			
144	39	111810008	Shubham Bhosale	Design and Analysis of Differential gear box	N M GAWAI	
145		111810024	Shreyas Gaikwad			

146		111810090	Vaibhav Verulkar			
147		111810098	Anand Wankhede			
148	40	111810032	Pranav Prashant Ingle	Thermal management of electric vehicle battery pack	S O DURGAM	
149		111810151	Shashank Rajesh Gupta			
150	41	111810119	Arya Arasan	Hybrid rocket engine	S M KADAM	
151		111810121	Junaid Daruwale			
152		111810123	Krushna Mohite			
153		111813065	Prithish Taukari			
154	42	111810060	Rahul Bhatia		S S PARDESHI	
155		111810113	Shreyas Naik			
156		111810094	Anshul Chandekar			
157	43	111810041	Kanodia Rachit Ashish		P H SELMOKAR	
158		111810034	Jaipreet Singh Bali			
159	44	111810029	Swarali Govilkar	Water flow management system for buildings	H P SHINDE	
160		111810020	Advay Deshpande			
161		111810062	Rohit Pant			
162	45	111710054	Shubham Irwant Karne		N D Shikalgar	
163		111710141	Raj Kulkarni			
164		111610084	Neel Parulekar			
165		111710123	Omkar Tawase			
166	46	111710083	Sonali Sitaram Padwale		N D Dhote	

167		111610108	Shaikh Abdul Ahad			
168						
169						
170						