

COLLEGE OF ENGINEERING PUNE
DEPARTMENT OF MECHANICAL ENGINEERING

List of B Tech Projects 2021-22

Sr. No	Gr. No.	MIS	Name	Project title	Guide
1	01	111810113	Shreyas Naik	Ranking the barrier of reverse logistics operations using MCMD approach: An Indian perspective	M P KHOND
2		111810106	Sparsh Thakur		
3		111810111	Saibalaji Kokate		
4	02	111810092	War Sandesh Gautam	A framework for supervision of milling cutter through training of deep learning ensembles	S B PATIL
5		111810097	Mohammed Mustakim Surti		
6		111810105	Siddharth Tiwari		
7		111810147	Abul Fahad Sohail		
8	03	111810112	Sakshi Pawar	Wheel rim radial fatigue life analysis due to slip and camber angle effect	R N LADHWE
9		141910015	Saloni Thakur		
10		111810057	Vinayak Marudwar		
11		111810134	Kshitija Jiddewar		
12	04	141910001	Rohit G. Ahire	Digital twin of composite structure: A case study on airplane wing box	H P SHINDE
13		141910008	Taukir H. Momin		
14		141910013	Sourabh R. Shinde		
15		141910014	Nilesh R. Sutar		
16	05	111810029	Swarali Govilkar	Applications of deep learning algorithms for milling cutter condition monitoring based on vibration data sheet	S S PARDESHI
17		111810020	Advay Deshpande		
18		111810062	Rohit Pant		
19	06	111801070	Zuben Tashildar	Design of air conditioning for multi-specialty hospital building	S N SAPALI
20		111810052	Komal Mahajan		
21		111810089	Kshitiz Verma		
22		111810093	Ameya Zarkar		
23	07	111810133	Sanket Shashikant Joshi	A model for prediction of water level and pressure in an industrial boiler using mini batch Gradient Descent method	S N TAPASE
24		111810123	Krushna Ramesh Mohite		
25		111810121	Junaid Husen Daruwale		
26	08	111810004	Payal Sanjay Badgujar	Fabrication and testing	M R

27		111810067	Shital Bharat Patil	on composite-composite bolted joint	NANDADGAONKAR
28		111810086	Rohini Vajinath Tidke		
29		111810154	Shruti Satish Lachuriye		
30	09	111810002	Devendra Agrawal	Development and development of automotive air conditioning using new environmental friendly refrigerant	N D SHIKALGAR
31		111810007	Vaibhav Bhange		
32		111810013	Udayraj Chaure		
33		111810017	Digvijay Desai		
34	10	111810065	Jayesh R. Patil	Design and analysis of three finger under actuated adaptive gripper	V K HARIBHAKATA
35		111810078	Rohit S. Sandanshiv		
36		111810088	Tejas A. Umate		
37		111810063	Prerna V. Pardeshi		
38	11	111810069	Rucha Pendharkar	Design of battery pack enclosure for a two wheeler EV	S V LAHANE
39		111810103	Roshan Gupte		
40		111810158	Rashmi Joshi		
41	12	141910006	Kadam Sanket Deepak	Design and fabrication of electrostatic precipitator for automobiles	M B BHOORE
42		141910007	Kongdule Akhilesh Prakash		
43		141910012	Shete Pratik Subhash		
44		141910017	Wangikar Akshay Pramod		
45	13	111810021	Krishna Dighe	Design and feasibility study of a multifunctional, digital, compact interface between customers and sales person at checkout counter	M G KARNIK
46		111810001	Sumit Adkine		
47		111810081	Sanket Shelke		
48		111813001	Pranav Agarwal		
49	14	111810099	Animesh Moharir	Condition monitoring of toothed milling cutter through mapping of corresponding vibration signals: An intelligent approach	A D PATANGE
50		111810073	Nikhil Pradhan		
51		111810080	Jay Shah		
52	15	111810130	Rushikesh Pachghare	Development of Underwater ROV for marine surveillance	S S OHOL
53		111810012	Samarth Chaudhari		
54		111813065	Prithvish Taukari		
55		111810119	Arya Arasan		
56	16	141910002	Nandini Dinkar Bjiwe	Fertilizer distribution machine for grapes farm	P S SHINDE
57		141910004	Aarti Ajitrao Gaikwad		
58		141910009	Akanksha Ganesh More		
59		141910011	Siddhi Shankar Pingat		
60	17	111810027	Nagesh Ramakant Gite	Experimental investigation into heat transfer enhancement of phase change	S S BHAVIKATTI
61		111810034	Jaipreet Singh Bali		
62		111810036	Raj Dnyaneshwar Jindam		
63		111810042	Manas Rahul Kapole		

				material	
64	18	111810157	Tanvi Mohit Kulkarni	Design and development of Uprooting machine for rice seedlings	S S MOHITE
65		111810148	Preshit Nitinkumar Gedam		
66		111810051	Amolkumar Yashwant Lihare		
67	19	111810032	Pranav Prashant Ingle	Thermal management of Li ion battery	S M KADAM
68		111810151	Shshank Rajesh Gupta		
69		111810153	Shreyash Bharat Ramteke		
70		111810010	Mayur Jitendra Borse		
71	20	111810107	Onkar Misal	Automatic bamboo sheet waving machine by using slider crank mechanism	N K CHOUGULE
72		111810107	Digvijay Deore		
73		111810137	Sudhanshu Dhage		
74		111810138	Tejas Ladda		
75	21	111810128	Ritika Bagokar	Design, exploration and fabrication of house hold polyethylene bags and its fabrication into reusable form	P R DHAMANGAONKAR
76		111810149	Mohini Rajput		
77		111810150	Piyusha Bharatiya		
78		111810152	Aishwarya Shirure		
79	22	111810009	Devyani Rajendra Bodkhe	IoT based water quality monitoring RC boat	P H SELMOKAR
80		111810019	Supriya Hanumant Deshmukh		
81		111810072	Harshada Sunil Pradhan		
82		111810108	Kapase Pallavi Popat		
83	23	111810008	Shubham Bhosale	Design and manufacturing of metal sheet cutter	A P BHATTU
84		111810024	Shreyash Gaikwad		
85		111810090	Vaibhav Verulkar		
86		111810098	Anand Wankhede		
87	24	111810022	Prasad V Dighe	Heat transfer enhancement in air channel using ribs	P W DESHMUKH
88		111810037	Rushikesh Pramod Kadu		
89		111810040	Nishikant Rajaram Kandhare		
90		111810122	Kalpesh Shyamsundar Patil		
91	25	111810091	Tejal Wagh	Pneumatic everting robot (PERT)- Design, prototype and applications	N M GAWAI
92		111810096	Mihir Tipre		
93		111810102	Paras Raina		
94		111810141	Tarun Ponala		
95	26	111810050	Shubham Kushte	Performance optimization of gear pump using Experimental and CFD analysis	N D DHOTE
96		111810056	Vishakha Mane		
97		111810070	Pranav Phadke		
98		111810074	Akshay Rajyadnya		
99	27	111810116	Naeem Ahmed Akbar Ali	Simulation of resistance spot welding of mild steel using FEA	S V WAGH
100		111810101	Naman Banwat		
101		111810125	Nishantprasad Shukla		
102		111810145	Charudatta Agnihotri		
103	28	111810120	Hema Khobragade	Study and design	U V PISE

104		111810127	Rajat Kalantri	modification of intake manifold for swirling effect	
105	29	111810023	Disha Vijaykumar Wadadare	Design and analysis of active suspension system for prosthetic leg	S S BHAVIKATTI
106		111810025	Kaustubh Rajesh Garude		
107		111810038	Pranav Prashant Kale		
108		111810055	Swarant Arun Mane		
109	30	111810047	Koli Mayuri Chhotu	VibrationaAnalysis of composite plates in automotive suspension application	P P SURYAWANSHI
110		111810060	Rahul Bhatia		
111		111810083	Surywanshi Dipika Bajirao		
112		111810126	Prajakta Prabhakar Kamble		
113	31	111810071	Aditya Potnis	Design and analysis of a robotic tentacle arm using a mechanical multiplexer and Bowden cable system	N K CHOUGULE
114		111813024	Kaushik Kunale		
115		111810014	Bhavika Chawla		
116		11181109	Rohit Khadilkar		
117	32	111810039	Shreyas Kale	Simulation study on thermal management of cylindrical Li-ion battery with micro channel plates	M J SABLE
118		111810082	Chaitra Shet		
119		111810084	Abhishek Swami		
120		111810075	Prithviraj Rajput		
121	33	111810077	Sourabh Rawal	Direct absorption based sloar still for the water purification: A numerical study	VISHAL BHALLA
122		111810087	Vivek Ugale		
123		111710068	Nakul Kulkarni – Not found in MIS		
124		111810058	Mule Saurabh Sunil		
125	34	111810053	Mahesh Arun Gawande	Condition monitoring of milling cutter through image based vibration signature and CNN	M H YADAV
126		111810124	Moharil Yashwant		
127		111810129	Pisipati Rohan Rajendra Prasad		
128		111810033	Virendra R Jagtap		
129	35	111810131	Sanket Dahapute	Solar dryer embedded with temperature and humidity measurement and control system	P H SELMOKAR
130		111810015	Anup Damke		
131		111810016	Vishal Dawale		
132		111810076	Manas Mahesh Rane		
133	36	111810136	Shubham Navnath Sutar	Condition monitoring of bearing using machine learning	S S MOHITE
134		111810140	Pranay Pujaram Urkude		
135		111810144	Chandrashekhar S Mare		
136		111810043	Kate Vivek Ankush		
137	37	111810045	Khatkale Akhilesh Rajkumar	Development and testing of innovative dehumidifier for air conditioning system	N D SHIKALGAR
138		111810046	Khotare Onkar Anilrao		
139		111810142	Vaibhav Vilas Jadhav		
140		111810115	Tejas Ukey		
141	38	111810143	Ankush Ukey	Computer vision based robotic arm	S S OHOL

142		111810094	Anshul Chandekar		
143		111810048	Mayuresh Kshirsagar		
144	39	141910003	Vikrant Arunrao Dagadkar	Kinematic and dynamic analysis with prototype development of CVVL mechanism	V K HARIBHAKATA
145		141910005	Shubham Kailas Gawali		
146		141910010	Abhishek Ramdas Patil		
147		141910016	Shubham Anil Wable		
148	40	111810035	Shraddha Jathar	Design and development of energy generating mechanism by sewing machine	M P KHOND
149		111810114	Somesh Bam		
150		111810135	Shubham Alte		
151		111810156	Harshal Waydande		
152	41	111810104	Royce Dsouza	Tractive system cooling of a formula student vehicle	A P BHATTU
153		111810139	Prerna Umbarkar		
154		111810059	Aakash Deshmane		
155	42	111810003	Mahesh Anandkalwas	Design and development of a micro air vehicle (MAV)	P R DHAMANGAONKAR
156		111810005	Tanya Bapat		
157		111810011	Vaishnavi Butte		
158	43	111810006	Saharsha Shamsundar Bartakke	Modal analysis of cracked beams and panels made of composites	P S SHINDE
159		111810085	Snehal Sanjay Thanekar		
160		111810155	Shweta Chandrakant Gomase		
161		111810031	Sayali Hajare		
162	44	111610084	Neel Parulekar	Design and development of manually working rain shield device for automobile door	P W DESHMUKH
163		111610108	Abdul Ahad Shaikh		
164		111810041	Rachit Kanodia		

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TOTAL	163