

COLLEGE OF ENGINEERING PUNE
DEPARTMENT OF MECHANICAL ENGINEERING

List of B Tech Projects 2020-21

Sr. No	Gr. No.	MIS	Name	Project title	Guide	Remark
1	01	111710038	Vedant Netaji Gaikwad	Heat Transfer and Pressure Drop characteristics of Laminar and Turbulent Flow through Helical wire coil of different geometries.	P W Deshmukh	
2		111710066	Aniket Bhashkar Koychade			
3		111710074	Tushar Sanjay Mahajan			
4		111710081	Savin Shamrao Mutyalwar			
5	02	141810008	Nikhil Waghalkar	Design, Fabrication and Testing of Tracking System for Mini-parabolic trough Collector	V K Haribhakta	
6		141810018	Rushikesh Kishor Paratwar			
7		141810010	Pratik Wasudeorao Datir			
8		141810015	Rohit Ganeshrao Tidke			
9	03	111710058	Ajay Koustubha Kelkar		V K Haribhakta	
10		111710060	Hrushikesh Santosh Khade			
11		111710061	Apoorva Narendra Khairnar			
12	04	111610109	Shaikh Sana Aslam	Enhancement of thermal performance of Phase change material by addition of graphene nano particles	S M Mundra	
13		111710124	Snehali Teltumbde			
14		111610010	Avinash Pillalamarri			
15	05	111710039	Prajwal Gharad	Investigation of transient heat flow analysis of phase change material by addition of graphene nano particles	S M Mundra	
16		111710010	Dhananjay Babre			
17		111710030	Rupesh Dhoot			
18		111710091	Utkarsha Patil			
19	06	111710077	Ashutosh Mhasagar	Utilization of Temple Floral Waste for recovering Energy	P R Dhamgaonkar	
20		111710086	Shantanu Parode			
21		111710095	Shrikala Purohit			
22		111710098	Vaishnavi Ruikar			
23	07	111710111	Pushkar A Shukla	Design of an Air Conditioning System for a IT Company for Better Indoor Air Quality	S N Sapali	
24		111710114	Nikhil S Sonawane			
25		111710116	Sumit T Mali			
26		111710125	Aditya A Ukale			
27	08	111710019	Chougule Sumed Prabhakar	Design and analysis of landing legs of reusable reocket	P H Selmokar	
28		111710020	Chougule Onkar Babaso			
29		111710094	Prabhune Aayush Atul			
30		111710097	Rathod Nitin Ambadas			
31	09	111710128	Rugved S Wakchaure	Machine tool condition monitoring using open	A D Patange	
32		111710132	Aditya M Medhi			

33		111710133	Aditya R Patil	source instrumentation and Machine Learning approach		
34		141810016	Rudresh J Hegu			
35	10	111710087	Patil Dhananjay Nishikant	Health monitoring of a vehicle considering few of its subsystems	S S Pardeshi	
36		111710088	Patil Rushikesh Anil			
37		111710093	Pawar Rushikesh Gajanansa			
38		111710096	Rahegaonkar Aditi Anirudha			
39	11	111710149	Devashish Karhadkar	Kinetic Energy Recovery System using Flywheel in bicycle	S S Pardeshi	
40		111710107	Akshay Shinde			
41		111610046	Himanshu Giri			
42		111710120	Siddharth Tagad			
43	12	141810003	Dhananjay Pramodrao Hiwase	Development of Design Tool for standard sections of FRP Composite Beam	H P Shinde	
44		141810004	Kapil Ashokrao Deshmukh			
45		141810020	Vaishnavi Vijay Shivramwar			
46		141810024	Shubham Parasram Kewate			
47	13	141810012	Yadgire Rahul Nandkishore	Digital twin for manufacturing of composites	H P Shinde	
48		141810022	Karkaria Vispi Nevile			
49		141810023	Sanket Wardhekar			
50	14	111710012	Naman Bajaj	Domain generalization in multi-point cutting tool inserts fault classification and prediction: An intelligent approach	A D Patange	
51		111710040	Rohan Ghatpande			
52		111710057	Kaushal Kulkarni			
53		111713025	Atharva Kapadnis			
54	15	141810005	Mahesh S Manekar	Design and dynamic analysis of 'Two Stage Reverted Train Reduction Gearbox' for agriculture application	N M Gawai	
55		141810006	Mayur D Thorat			
56		141810009	Nitish R Kamble			
57		141810019	Sweety R Deshmukh			
58	16	111710104	Salman Shaikh	Measurement of thermal conductivity of volatile liquids by cooling	P R Dhangaonkar	
59		111701045	Sohel Shaikh			
60		111710130	Aayush Kaul			
61	17	111710031	Ankita Krishna Dolare	Thermal Analysis Of Brake Disc	S B Patil	
62		111710043	Vaishnavi Jaywant Gurav			
63		111710049	Komal Someshwar Jedgule			
64		111710129	Vaishnavi Vinayak Warge			
65	18	111710054	Shubham Karne	Laser hardening process simulation by using the software	S V Wagh	
66		111710131	Abeer Syed			
67		111710137	Furqan Shaikh			
68		111710144	Swapnil Khorate			
69	19	111710009	Amar A Avhale	To develop methods to measure the freshness level of the food that can	N D Shikalgar	
70		111710016	Bhagyesh M Bhoje			
71		111710029	Gautami Manoj Dhavale			

				be used as input for food preservation		
72	20	111710003	Ashwin Agrawal	Design and development of onion harvesting mechanism	N D Shikalgar	
73		111710056	Rohan Katkar			
74		111710023	Suyash Dadmal			
75	21	111710007	Anmulwad Rushikesh Shivaji	Box Transfer Mechanism.	S S Bhavikatti	
76		111710063	Khodse Raturaj Balasaheb			
77		111710079	Jagan Sayanna Mokmod			
78		111710110	Shetye Ashok Shubham			
79	22	111710090	Suyash Patil	FFRAMEWORK FOR PLACEMENT OF FINAL YEAR STUDENTS	M P Khond	
80		111710099	Rushikesh Jadhav			
81		111710100	Sanjit Dhole			
82	23	111710134	Arsalan Faridkhan Dalwai	Laser hardening simulation	S V Wagh	
83		111710135	Ashish Mahesh Wani			
84		111710136	Chris Georgie Jacob			
85		111710138	Harshvardhan A Jog			
86	24	111710044	Hardik Rajesh Nawale	Design of magnetic suspension system for two wheelers	P.P. Suryawan-shi	
87		111710047	Nikhil Subhash Jadhav			
88		111710127	Manoj Santosh Waghmare			
89		111710108	Gayatri Dheeraj Shinde			
90	25	111710001	Sahil Khajuria	Design of a damper spring system for a fsae car	P.P. Suryawan-shi	
91		111710002	Manish Singh			
92		111710109	Shubam Mussa			
93	26	141810021	Vinayak V mane	Vertical axis mico wind turbine with additional vortex generator and air purification	N M Gawai	
94		141810001	Ashutosh R Nikam			
95		141810017	Rushikesh B Rajgurav			
96		111710106	Abhishek R Shegokar			
97	27	111610136	Rutuja Gadekar	Composite drive shaft	S S Bhavikatti	
98		111710102	Sayali Gaikwad			
99		111710126	Vishakha Shendage			
100	28	111713013	Nikhil Dhage	Analysis of repairs of thin sheet by applying composite patch	M G Karnik	
101		111710028	Neha Deshpande			
102	29	141810002	Chaitali Balkrushna Ahire	Design, manufacturing and testing of cold storage to store 100-200 kg of khava (milk Product)	S N Sapali	
103		141810007	Neha Raju Gawande			
104		141810013	Rajlaxmi Pradip Darekar			
105		141810014	Rashi Mangesh Pradhan			
106	30	141810011	Priyanka Santosh Datir	A thermal management system for the battery pack of a hybrid and electric vehicles	S O Durgam	
107		111710101	Savant Dipak Vijay			
108		111710123	Onkar Siddheshwar Tawase			
109		111713121	Ganesh Tapkir			

110	31	111710112	Siddhant Sinhasane	Numerical Analysis of Acoustic and heat transfer characteristics of an impinging synthetic jet.	P W Deshmukh	
111		111710113	Anuja Sonawane			
112		111710115	Prajakata Sonawane			
113		111710117	Vijaykumar Suryawanshi			
114	32	111710052	Aniket Kale	Heat Transfer Enhancement Methods	S O Durgam	
115		111710059	Nikhil Kene			
116		111710062	Akshay Khedkar			
117		111710084	Sanket Palve			
118	33	111710139	Kaushal Kishor Kudale	Design and analysis of industrial equipment	A P Bhattu	
119		111710140	Keerthika Prabhala			
120		111710142	Rida Imtiyaz Mukadam			
121	34	111710015	Mohit K Bhiwarkar	Design and Development of reserve battery mechanism	P H Selmokar	
122		111710026	Gajanan S Deshmukh			
123		111710033	Amol H Dound			
124		111710034	Avinash S Dound			
125	35	111710005	Neha Shashikanrt Amane	Design of automated spice dispenser	N K Chougule	
126		111710072	Sayali Vaibhav Kushire			
127		111710073	Shruti Rajendra Lande			
128		111710076	Pranali Vijay Mane			
129	36	111710041	Ajinkya Sudhir Ghongade	Knee Joint Assist Mechanism	N K Chougule	
130		111710051	Rohit Sadanand Kadam			
131		111710025	Hrishabha Milind Dave			
132		111710032	Piyush Rajesh Dongare			
133	37	111710013	Jayshree Subhash Bhadane	Design and Fabrication of Groundnut Shelling and Separating Machine	P S Shinde	
134		111710014	Aarti Vishnu Bhangare			
135		111710119	Aishwarya Nasim Tadvi			
136	38	111710011	Baheti Shashank Jagdish	Analysis of repairs of thin sheet by applying composite patch	M G Karnik	
137		111710050	Joshi Sayali Samjayrao			
138	39	111710022	Vinayak chougule	Battery modelling and thermal management system for Formula student electric car	S M Kadam	
139		111710036	Prachi Gadekar			
140		111710070	Yash Kulkarni			
141		111710071	Shantanu Kumbhar			
142	40	111710067	Chaitali Mukund Kulkarni	Modal analysis of cracked beams and panel	P S Shinde	
143		111710069	Swarupa Sukesh Kulkarni			
144	41	111710018	Samiksha R. Chichani	In Aerospace and Design field, designing mechanisms or structures	A P Bhattu	
145		111710145	Vinit M. Pahilajani			
146		111701007	Vidisha P. Baviskar			
147	42	111710004	Sanveg Akkarbote	To design a system in order to determine calorific value of liquid fuel without combustion	M R Nandgaonkar	
148		111710008	Devendra Aradhye			
149		111710021	Shirish Chaugule			
150		111710045	Ankur Harge			
151	43	111710103	Juber Shaikh		S B Patil	

152		111710085	Bhavesh Pardhi			
153		111710089	Sarvesh Patil			
154	44	111710065	Kokare Rushikesh Bhagwat		S N Tapase	
155		111710075	Aditya Padmakar Mahamuni			
156		111710080	More Atharv Vikas			
157		111710082	Netare Aditya Chandrakant			
158	45	111710037	Gaikwad Shubham Raibhan	Design of Solar Powered Vapour Absorption System	S N Tapase	
159		111710042	Gunte Narayan Angad			
160		111710046	Hasarmani Basavaraj Rajas hekhkar			
161		111710055	Navjeevan Tukaram Kasture			
162	46	111710118	Swaraj Patil	Design, manufacturing and testing of brake disc made by aluminum composite using fly ash by stir casting method	M P Khond	
163		111710122	Shubham Tavate			
164		111710146	Riya Wazarkar			
165	47	111710027	Deshmukh Yash Dhananjay	Autonomous RFID controlled assisting robot for isolation ward.	S S Ohol	
166		111710035	Duseja Lalit Sital			
167		111710105	Karmuse Shantanu Sharad			
168	48	111710017	Vaishnavi Chakradeo	Design, development and performance analysis of a prototype of ornithopter	S S Ohol	
169		111710048	Riyaa Jadhav			
170		111710053	Kalyani Deshmukh			
171		111710078	Madhura Mitkari			
172	49	111710147	Kylmewbyange	Wear analysis of gear pump	N D Dhote	
173		111710148	Readingstar Malamg			

