

### List of GME 19 Final Year Project ( Acad.Yr. 2022-23)

Sno	Reg. No.	Student	Code	Group Number	Guide Name	Title of Project
1	1940287	IRFAN KHAN	Sec-AB	1	Mr. Divesh Bharti and Dr. Yogesh Verma	Design and Fabrication of Wind Tunnel
2	1940290	MANISH KUMAR	Sec-AB			
3	1940304	ISHU SHUKRALIA	Sec-AB			
4	1940318	NIKHIL KUMAWAT	Sec-AB			
5	1940333	AMBUJ TIWARI	Sec-AB	2	Mr. Divesh Bharti and Dr. Yogesh Verma	Design and Analysis of Horizontal Axis Wind Turbine Blade
6	1940338	SAIKRISHNA SINGH	Sec-AB			
7	1940341	RUPAK ANAND	Sec-AB			
8	1940342	AYUSH RAI	Sec-AB			
9	1940273	AASHITA SARAN	Sec-AB	3	Mr. Divesh Bharti and Dr. Yogesh Verma	Design and Fabrication of Mechanical Exo Arm
10	1940291	ABHAY PRATEEK	Sec-AB			
11	1940294	ABHISHEK JAIN	Sec-AB			
12	1940308	PIYUSH RANJAN	Sec-AB			
13	2030720	PRIYANSHU VERMA	Sec-CD	4	Dr. Vivek Kumar and Mr. Sumit Kumar	Comparison of Design and Analysis of Disc Brake Using Different Materials on Solidworks
14	2030722	ADITYA RANJAN	Sec-CD			
15	2030723	KRISHNA KUMAR	Sec-CD			
16	2030740	AMRIT RAJ SINGH	Sec-EF			
17	1940312	ANIL KUMAR	Sec-AB	5	Dr Sunil Kumar and Mr. Lalit Ahuja	Design and Fabrication of Rocker Bogie Mechanism
18	1940313	KIRTY RAJ	Sec-AB			
19	1940331	ADITYA KUMAR JAYSAWAL	Sec-AB			
20	1940339	JASKARAN SINGH	Sec-AB			
21	1940284	RAJ TAGORE	Sec-AB	6	Dr Sunil Kumar	Design and Modeling an Apparatus for Transferring Molten Metal
22	1940295	SOHAM DAS	Sec-AB			
23	2030734	ABHISHEK YADAV	Sec-EF			
24	1940320	APOORV BANSAL	Sec-AB			
25	1940321	SWADESH YADAV	Sec-AB	7	Dr Shankar Singh	Design and Development of Regenerative Braking System
26	1940334	MANISH KUMAR	Sec-AB			
27	2030328	ABHIJEET KUMAR	Sec-CD			
28	2030739	ROHIT RAJ PATEL	Sec-EF			
29	2030743	NITESH KUMAR CHAURASIA	Sec-EF	8	Dr. P K Singh	Design and Fabrication of Stair Climbing Trolley
30	2030745	SAHIL SHARMA	Sec-EF			
31	2030760	AMAR RAJ	Sec-EF			
32	2030702	ADITYA KUMAR	Sec-CD			
33	2030725	RAHUL KUMAR	Sec-EF	9	Dr.Rakesh Kumar	ANALYSIS OF DEFECTS OF ON MILD STEEL AND STAINLESS STEEL BY USING DYE PENETRANTE TESTING
34	2030735	SAURAV KUMAR	Sec-EF			
35	2030763	ANKUR KUMAR GUPTA	Sec-EF			
36	2030712	RITIK RAJ	Sec-CD			
37	2030728	ANMOL KUMAR	Sec-EF	10	Dr JS Gill	Improvement of Wear Resistance of Medium Carbon Steel (EN-8) by SMAW Process
38	2030767	RAHUL KUMAR	Sec-EF			
39	1940289	RAM MURTI JHA	Sec-AB			
40	1940309	NITESH KUMAWAT	Sec-AB			
41	1940311	SHUBHAM GAUTAM	Sec-AB	11	Dr RKY and Dr. P K Singh	Design and Fabrication of Thermoelectric Refrigerator
42	1940327	ANANT KUMAR	Sec-AB			

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Sno	Reg. No.	Student	Code	Group Number	Guide Name	Title of Project
43	1840337	SAKET KARN	Sec-AB	12	Dr Sunil Kumar	Design and Fabrication of Agriculture Sprayer
44	1940281	GUGULOTH ROHITH	Sec-AB			
45	2030323	MOHD ARIF	Sec-CD			
46	2030324	DEEPAK KUMAR	Sec-CD			
47	2030724	ROHIT KUMAR	Sec-CD	13	Mr. Divesh Bharti and Dr. Yogesh Verma	Design and Fabrication of Soil and Plant Monitoring System
48	2030746	AJIT KUMAR	Sec-EF			
49	2030752	NEERAJ KUMAR	Sec-EF			
50	2030756	RAJEEV KUMAR	Sec-EF			
51	1940272	EKANSH SINGH	Sec-AB	14	Dr Rakesh Kumar and Dr RKY	SOLAR WATER HEAT EXCHANGER
52	1940278	ABHISHEK SOYAL	Sec-AB			
53	1940288	MAYANK SINGH	Sec-AB			
54	1940306	SACHIN KUMAR	Sec-AB			
55	2030731	ADITYA	Sec-EF	15	Mr. Sumit Kumar and Mr. M A Akhat	Smart Irrigation System
56	2030753	ADARSH KUMAR	Sec-EF			
57	2030768	AMIT RAUSHAN	Sec-EF			
58	2030777	HIMANSHU PANDAY	Sec-EF			
59	1940335	UDAY KUMAR	Sec-AB	16	Dr Indraj Singh and Dr Amrik Singh	Comparative Study of Dual Fuel Downdraft Gasifier by using Agriculture waste as a Fuel for Power
60	1940340	THAZIM BORO	Sec-AB			
61	1940344	SHIVAM KUMAR	Sec-AB			
62	2030313	AAKASH KUMAR SINGH	Sec-CD			
63	2030316	SANDEEP SINGH	Sec-CD	17	Dr Indraj Singh and Dr. Amrik Singh	Solar Powered Air Purifier
64	2030321	MD SARFRAJ	Sec-CD			
65	2030325	MD SARFARAZ ANSARI	Sec-CD			
66	2030327	SUSHIL KUMAR	Sec-CD			
67	1940322	DURGESH KUMAR	Sec-AB	18	Dr Jagtar Singh and Dr. Anuj Bansal	Study the Abrasive Wear Characteristics of newly developed Tillage tool by using wire arc additive manufacturing (WAAM)
68	1940324	AKASH KUMAR	Sec-AB			
69	1940332	SAURAV KUMAR	Sec-AB			
70	1940347	ADARSH KUMAR	Sec-CD			
71	2030317	SUNIL KUMAR YADAV	Sec-CD	19	Dr. RK Saxena and Er Prabhjot Singh	Structural and Thermal Analysis of Disc Brake
72	2030326	NIKHIL KUMAR	Sec-CD			
73	2030329	RAHUL	Sec-CD			
74	2030330	RAKESH KUMAR	Sec-CD			
75	2030709	PRINCE PRAKASH	Sec-CD	20	Mr. Jonny Singla and Dr. Anil Singla	Design and Fabrication of CNC Plotter Machine
76	2030719	RISHAV RAJ	Sec-CD			
77	2030729	ANKIT KUMAR THAKUR	Sec-EF			
78	2030732	RAVINDRA RANJAN	Sec-EF			
79	2030710	PRINCE KUMAR MISHRA	Sec-CD	21	Mr. Jonny Singla	Design and Development of 3D Printer
80	2030721	SURAJ KUMAR	Sec-CD			
81	2030730	PRINCE KUMAR	Sec-EF			
82	2030750	PRATYUSH DEEP	Sec-EF			
83	2030303	ATUL RANJAN	Sec-CD	22	Dr Shankar Singh	DESIGN AND DEVELOPMENT OF A VALVE-LESS PULSE JET ENGINE
84	2030305	MD SABA AZIM NOORI	Sec-CD			
85	2030315	ABDULLAH ANSARI	Sec-CD			
86	2030320	PRANAV RAI	Sec-CD			

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Sno	Reg. No.	Student	Code	Group Number	Guide Name	Title of Project
87	1940325	VIPIN KUMAR	Sec-AB	23	Mrs. Ankita Omer	Fabrication of SS 308 by waam based additive manufacturing
88	1940326	DEVESH MANDAVI	Sec-AB			
89	1940329	ROHIT KUMAR	Sec-AB			
90	1940330	SHUBHRAT YADAV	Sec-AB			
91	2030726	ANISH KUMAR	Sec-EF	24	Mr. Surinder Kumar and Mr. Sumit Kumar	Safety precautions detector using machine learning
92	2030736	ANKIT KUMAR	Sec-EF			
93	2030749	AYUSH CHANCHAL	Sec-EF			
94	2030778	ROHIT SHARMA	Sec-EF			
95	1940280	POONAM VAISHNAV	Sec-AB	25	Dr. Harish Arya and Mr. Lalit Ahuja	Experimental values of mechanical properties & microstructural analysis of weldment SS 304 AFTER MICROPLASMA AND tig WELDING
96	1940323	SHIVAM KUMAR	Sec-AB			
97	2030748	VISHALDEEP SINGH	Sec-EF			
98	1940303	AMAN	Sec-AB			
99	1940307	MADHUR AGGARWAL	Sec-AB	26	Dr. Sunil Kumar and Mr. Surinder Kumar	Automatic coffee machine
100	1940314	ASHISH KUMAR	Sec-AB			
101	2030701	SHIVAM	Sec-CD	27	Dr. Anuj bansal and Dr Anil Singla	Slurry erosion behavior of mechanically durable slippery surfaces over plasma sprayed VC+TiC+CuNi-Cr based novel coating used for hydro-machinery applications
102	2030737	ABHINAV SAINI	Sec-EF			
103	2030772	ADITYA PRAKASH	Sec-EF			
104	2030302	SUMNESH KUMAR LODHI	Sec-CD	28	Dr Shankar Singh and Mr. Jony Singla	DESIGN AND DEVELOPMENT OF COMPRESSED AIR-POWERED ENGINE
105	2030307	SUMAN KUMAR	Sec-CD			
106	2030309	ROHAN KUMAR	Sec-CD			
107	2030322	VISHAL BHARTI	Sec-CD			
108	2030707	ADITYA KUMAR	Sec-CD	29	Dr. Harish Arya and Dr. Bhupinder Singh	Enhancing Surface durability of EN8 mild steel by Hard facing
109	2030714	PANKAJ KUMAR	Sec-CD			
110	2030716	SHIVAM CHAURASIA	Sec-CD			
111	2030759	VIPUL KUMAR	Sec-EF			
112	2030713	SUMIT BARNAWAL	Sec-CD	30	Dr Rajesh Kumar and Mr. Surinder Kumar	Tool wear monitoring using acoustic sensor
113	2030755	SACHIN KUMAR	Sec-EF			
114	2030764	ABHINAV KUMAR	Sec-EF			
115	2030773	SHIVAM SINGH	Sec-EF			
116	1940337	RAVI JAISWAL	Sec-AB	31	Dr Rajesh Kumar and Mr. Surinder Kumar	Diagnosis of the worm gearbox through artificial intelligence techniques using a fusion of vibration and acoustic signals
117	1940343	AAYUSH SANKHYAN	Sec-AB			
118	1940346	ARPIT AGARWAL	Sec-CD			
119	2030742	ANIMESH GAUTAM	Sec-EF	32	Dr Tejinder and Dr Jagtar Singh	ZERO RADIUS TURNING and FOUR WHEEL STEERING SYSTEM
120	2030766	PRABHANSHU KUMAR	Sec-EF			
121	2030771	HARSH VARDHAN RAJ	Sec-EF			
122	2030779	DIVYANSHU RAJ	Sec-EF			
123	2030706	MANORANJAN ANAND	Sec-CD	33	Dr Tejinder and Dr. Manoj Goyal	Design and Development of Regenerative Braking system
124	2030715	VISHWAJEET ANAND	Sec-CD			
125	2030727	VATSAL BHARTI	Sec-EF			
126	2030747	SHUBHAM MORODIA	Sec-EF			
127	1940276	YATHARTH BABBAR	Sec-AB	34	Dr Rakesh Kumar and Dr RKY	STEAM ENGINE WITH SOLAR PRE-HEATING AND WASTE HEAT RECOVERY ARRANGEMENT
128	1940283	ANANT KUMAR GAUTAM	Sec-AB			
129	1940293	PARTEEK JAIN	Sec-AB			
130	1940310	HARSHIT GUPTA	Sec-AB			

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Sno	Reg. No.	Student	Code	Group Number	Guide Name	Title of Project
131	2030306	KHIZAR ALI AHMED	Sec-CD	35	Dr AS Shahi	Design and Fabrication of set up for Inert Gas Shielded Welding of Titanium Alloys
132	2030336	MD SHAHNAWAZ AHMAD	Sec-CD			
133	2030311	GAURAV SINGH	Sec-CD	36	Dr Rakesh Kumar and Dr Manoj Goyal	EXPERIMENTAL ANALYSIS OF BRAKE ROTOR BY ADDING AL-(T6) & SILICON CARBIDE (SiC)
134	2030331	RISHAB DEORI	Sec-CD			
135	2030333	VIDIT GOEL	Sec-CD			
136	2030770	JASKARAN SINGH	Sec-EF			
137	2030338	KESHAV JHA	Sec-CD	37	Dr. RK Saxena and Dr AS Shahi	Design and Fabrication of a Fire Fighting Robot
138	2030342	ASHISH KUMAR TIWARI	Sec-CD			
139	2030751	HARDIK RAJ VERMA	Sec-EF			
140	2030761	ABHISHEK KUMAR THAKUR	Sec-EF			
141	2030733	RAVI KUMAR RAI	Sec-EF	38	Mrs. Ankita Omer and Dr. Pardeep Gupta	Design A Detachable Shoe Sole for Smart Shoes.
142	2030758	SAKET HARSH	Sec-EF			
143	2030765	KUNAL KRISHNA CHAUDHARY	Sec-EF			
144	2030776	KRISHNA AZAD	Sec-EF			
145	2030708	RAJMOHIT KUMAR	Sec-CD	39	Dr Rakesh Kumar	DESIGN AND FEBRICATION OF FOOT STEP POWER GENERATOR SYSTEM
146	2030718	HARI KRISHAN	Sec-CD			
147	2030757	MUKUL TYAGI	Sec-EF			
148	2030762	ANWAY PRADHAN	Sec-EF			
149	2030339	AJAY KUMAR	Sec-CD	40	Dr J S Gill and Dr. Mhd Majid	Effect of Iron Based hardfacing electrodes on Wear resistance of AIFI 1030 Steel
150	2030703	SACHIN KUMAR SINGH	Sec-CD			
151	2030705	AMAN KUMAR	Sec-CD			
152	2030711	SHUBHAM KUMAR	Sec-CD			
153	2030738	PARVINDER SINGH	Sec-EF	41	Dr Vivek Kumar and Mr. Sumit Kumar	Electric Bike attachment for Bicycle
154	2030744	PIYUSH VASHIST	Sec-EF			
155	2030754	ABHISHEK ARYA	Sec-EF			
156	2030774	RUPINDER SINGH	Sec-EF			
157	2030775	CHIRAG AGGARWAL	Sec-EF	42	Mr. S C Verma and Mr. Prabhjot Singh	Improve Abrasion Resistance of Agriculture Shovel with hard Facing Processes
158	1940328	MUDAWATH SANTHOSH	Sec-AB			
159	2030704	ABHISHEK RANJAN	Sec-CD			
Committee Members:						
		1. Dr Indraj Singh (AsP, ME)			4. Dr. Anuj Bansal (AP, ME)	
		2. Dr J S Gill (AsP, ME)			5. Er. Divesh Bharti (AP ME)	
		3. Dr Sunil Kumar (AP, ME)				