

Department of Mechanical Engineering

Projects 2014-15

SR. NO.	GROUP	ROLL NO.	Enrolment No	NAME OF STUDENT	GUIDE NAME	Project Titel
1	1	11ME106	110780119006	PATEL JENISH PRAVINBHAI	Prof. H. C. Patel	Development of wire cut electric discharge machine
2	1	11ME112	110780119111	PATEL KAUSHAL RAJUBHAI		
3	1	11ME49	110780119054	PATEL KAUSHAL ASHOKKUMAR		
4	1	11ME62	110780119068	PRAJAPATI SHEKHAR AMRUTBHAI		
5	2	11ME15	110780119021	PATEL DEEP NAVINBHAI	Prof. R. V Chaudhari	Sesign and development aqua silencer
6	2	11ME17	110780119023	PATEL JAYDEEP ISHWARBHAI		
7	2	11ME06	110780119012	THAKKAR GAURAVKUMAR THAVARDAS		
8	2	T13ME02	120784119002	PATEL PARESH KANUBHAI	Prof. M. D. Patel	Design and Development of semi automatic prototype of potatoes sorting machine
9	3	11ME11	110780119017	FARUKI BASHIR AMIRUDDIN		
10	3	11ME12	110780119018	PATEL HARSHIT DILIPBHAI		
11	3	D12ME02	120783119020	VYAS SANKET DILIPBHAI	Prof. M. D. Patel	To Identify causes of corrosion on injection screw of plastic injection moulding equipement
12	3	D12ME15	120783119022	GAMI VIPUL AMRUTLAL		
13	4	11ME58	110780119063	VAGHELA MEHULSINH BAVANSINH		
14	4	11ME70	110780119076	PRAJAPATI PRATIK PRAKASHBHAI	Prof. M. D. Patel	To Identify causes of corrosion on injection screw of plastic injection moulding equipement
15	4	11ME71	110780119077	PRAJAPATI MEHUL MAHENDRABHAI		
16	4	D12ME23	120783119028	PATEL SAGAR CHANDRAKANTBHAI		
17	5	11ME31	110780119037	PATEL SAJAN DEVESHBHAI	Prof. S. S. Patel	Power generation by using a shock absorber
18	5	D12ME16	120783119009	RAVAL PARTHIV ANILKUMAR		
19	5	D12ME18	120783119016	RAJPUT KALPESH MOHABBATSINH		
20	5	D12ME24	120783119034	TAPODHAN RAVI NITINKUMAR	Prof. S. S. Patel	Design and fabrication of abrasive jet machine
21	6	11ME03	110780119009	PATEL VIVEK RAMESHBHAI		
22	6	11ME29	110780119035	PATEL VISHAL KANAIYALAL		
23	6	11ME51	110780119056	PATEL MILIN DAHYABHAI		
24	6	11ME57	110780119062	PATEL KIRANKUMAR ASHOKBHAI	Prof. R. N. Mevada	Performance analysis on concentrating collector using dual axis solar tracking mechanism
25	7	10ME35	100780119055	PATEL KEYURKUMAR MAHENDRABHAI		
26	7	10ME58	100780119048	PATEL SANKET NITINBHAI		
27	7	11ME76	110780119082	PRAJAPATI UMANG LALJIBHAI		
28	7	D12ME19	120783119018	AMIN JIGNESHKUMAR PRAHLADBHAI	Prof. R. N. Mevada	Batch Saw Safety System
29	8	T714ME01	100784119010	PARMAR PRAKASHKUMAR BHAGVANBHAI		
30	8	10ME34	100780119037	SUTHAR RAVIKUMAR AMRUTLAL		
31	8	11ME80	110780119086	SURVANSHI JASMIN VASANTBHAI		
32	8	T714ME02	110784119014	PATNI SAILESH PRAVINBHAI	Prof. M. P. Rajpara	Design, Development and fabrication of lawn tower with autocollecting waste
33	9	11ME37	110780119043	CHAUHAN MAYUR MAHENDRASINH		
34	9	11ME47	110780119052	MODI NISHIT KAMLESHKUMAR		
35	9	D12ME11	120783119029	PATEL KHUSHBU KIRTIBHAI		
36	9	11ME48	110780119053	PATEL HAMIDALI ABBASBHAI	Prof. J. B. Patel	Design and development of automatic wheelchair & Bed for old-Age Home
37	10	11ME14	110780119020	PATEL VISHAL NAVINBHAI		
38	10	11ME20	110780119026	JOSHI MOHITKUMAR JAYESHKUMAR		
39	10	11ME23	110780119029	BHAVSAR DEEP SUBHASHCHANDRA		
40	10	11ME93	110780119098	PRAJAPATI MEHUL PRAVINBHAI	Prof. J. B. Patel	Design and Fabrication of rollage of car
41	11	11ME28	110780119034	BAVISI VIVEKKUMAR GHANSHYAMBHAI		
42	11	11ME30	110780119036	PATEL DARSHAN JAYANTILAL		
43	11	D12ME07	120783119005	NAIR DEEPAK MURLIDHARAN	Prof. M. P. Rajpara	Design and analysis of multistage centrifugal pump
44	11	D12ME12	120783119023	KAPADIYA PRAJESH SURESHKUMAR		
45	12	11ME02	110780119005	PATEL KARAN GIRISHBHAI		
46	12	11ME16	110780119022	PATEL VISHAL MAHENDRABHAI	Prof. Rajeshkumar	Design and Modeling of automatic shoe polish machine
47	12	T13ME01	120784119001	DARJI CHINTAN KANTILAL		
48	13	11ME68	110780119074	SWAMI HARSH RAJESHKUMAR		
49	13	11ME75	110780119081	CHAUHAN VIPULBHAI MANILAL	Prof. Rajeshkumar	Design and Modeling of automatic shoe polish machine
50	13	D12ME20	120783119024	CHAUHAN VISHWASKUMAR SHAILESHBHAI		
51	13	D12ME21	120783119025	DAIYA PRADIPKUMAR RAMESHKUMAR		

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52	14	11ME102	110780119107	YADAV RAVINDRAKUMAR	Prof. Rajeshkumar	Design of Roll Cutting Machine in Zinning Machine
53	14	11ME92	110780119097	PRAJAPATI CHETAN MADHAVLAL		
54	14	11ME96	110780119101	CHAUDHARY VISHWAS RANCHHODBHAI		
55	14	D11ME11	110783119006	DAVE HARSH DHARUVKUMAR		
56	15	11ME104	110780119002	PATEL HIRENKUMAR MUKESHKUMAR	Prof. H. C. Patel	Design and Development of automatic Bed & Wheel Chair for Old- Age House
57	15	11ME32	110780119038	SHAH RUSHABH JAYKUMAR		
58	15	11ME36	110780119042	PATEL JIMMY RAMESHCHANDRA		
59	15	11ME41	110780119047	PATEL HARDIK BHARATBHAI		
60	17	11ME09	110780119015	PATEL KULDEEP GIRISHKUMAR	Prof. Nilakantha Sahu	Fabrication of Eddy Current Braking System
61	17	11ME61	110780119067	KHARADIYA TARUNKUMAR HIRABHAI		
62	17	11ME85	110780119090	CHAUDHARY NARESH NANJIBHAI		
63	17	11ME89	110780119094	PANCHAL KRUNAL BHARATKUMAR		
64	18	09ME13	90780119025	PANDYA ASHISH HITENDRAKUMAR	Prof. Dheeraj	Semi Automatic pneumatic number and word punching on metal job machine
65	18	09ME45	90780119022	PATEL SAVANKUMAR SHAILESHBHAI		
66	18	11ME103	110780119001	PATEL BHAUMIK RAMESHBHAI		
67	18	11ME84	110780119089	CHAUDHARY HARDIKKUMAR RAMESHBHAI		
68	18	11ME87	110780119092	MODI KULDEEP JASHAVANLAL	Prof. V. P. Rajput	Design, Fabrication and Testing of Evaporative desiccant Cooling System
69	19	09ME57	90780119035	SONI KISHAN YOGESHKUMAR		
70	19	11ME07	110780119013	PATEL BHAVIN SHAILESHBHAI		
71	19	11ME108	110780119008	PATEL RASHMIN MANILAL		
72	19	D12ME04	120783119002	NAYAK SAHIL SHAILESHBHAI	Prof. V. P. Rajput	Design, Development and testing Performance of
73	20	11ME33	110780119039	PATEL HARDIK MAHENDRAKUMAR		
74	20	11ME44	110780119106	KHATRI MEGHANA HARICHANRA	Prof. P. R. Mistri	A Portable Attechement for Feeding Process in Conventional Thresher
75	21	11ME05	110780119011	PATEL ABHISHEK KAUSHIKKUMAR		
76	21	11ME08	110780119014	PATEL PARTH BHARATKUMAR		
77	21	11ME18	110780119024	PRAJAPATI DHAVAL BABULAL		
78	21	11ME55	110780119060	PARIKH JAIMIN JAYANTKUMAR	Prof. Nilakantha Sahu	Modification of design in PL-Series Vacuum Pump to enhance performance of pump
79	22	11ME110	110780119114	VYAS JIGAR MUKUNDKUMAR		
80	22	11ME115	110780119112	PATEL DHAVAL BABUBHAI		
81	22	D12ME25	120783119008	KARIA DEEP RASHMIKANT		
82	22	D12ME32	120783119032	ACHARYA TARANG ASHVINBHAI	Prof. R. V Chaudhari	Development of multipurpose machine (Drilling, Cutting, Grinding) by using single motor.
83	23	11ME21	110780119027	PATEL DHAVALKUMAR DINESHBHAI H.		
84	23	11ME24	110780119030	PATEL AKSHAYKUMAR PRAVINBHAI		
85	23	11ME27	110780119033	PATEL JIGAR JAGDISHBHAI	Prof. Nitesh Rai	Design, Drafting and modeling of Automated Filling machine for Solid Material
86	23	D12ME08	120783119011	PATEL VIKASH BABULAL		
87	25	11ME45	110780119050	PATEL PRAKASH SHANKARBHAI		
88	25	11ME53	110780119058	PATEL AJAY RAJENDRABHAI		
89	25	11ME59	110780119064	PRAJAPATI NIKESH ARVINDBHAI	Prof. Nitesh Rai	Development of Refrigeration system using waste exhaust gases of an Internal Combustion engine
90	25	11ME66	110780119072	DARJI RAVI NITINKUMAR		
91	26	11ME81	110780119087	PRAJAPATI HITESHKUMAR LILABHAI		
92	26	11ME82	110780119088	PARMAR RAJUBHAI RAKESHKUMAR	Prof. A. G. Barad	Design and Fabrication of economical plastic injection moulding machine
93	26	11ME86	110780119091	PANCHAL KAUSHIK PANABHAI		
94	26	D12ME29	120783119019	NAYI JAGDISH BABUBHAI		
95	27	11ME107	110780119007	PATEL SANDIPKUMAR JAYANTILAL	Prof. A. G. Barad	Energy Management
96	27	11ME113	110780119113	PATEL AJAYKUMAR BABALBHAI		
97	27	11ME117	110780119118	PRAJAPATI VINESH SEVANTILAL		
98	27	D12ME28	120783119007	SHAH ZEEL NIMESHKUMAR	Prof. A. G. Barad	Design and Development of automatic JIG for Drilling Machine
99	28	11ME01	110780119120	PATEL JAY RAJENDRAKUMAR		
100	28	11ME35	110780119041	PATEL VIKAS KIRTIKUMAR		
101	28	11ME43	110780119049	PATEL RIYA KAMLESHKUMAR		
102	28	11ME60	110780119065	PATEL DARSHAN PANKAJKUMAR	Prof. N. N. Chaudhary	Design and Development of automatic JIG for Drilling Machine
103	29	11ME22	110780119028	PANDYA SURAJ JAYANTILAL		
104	29	11ME50	110780119055	PATEL MIKINKUMAR NAVINBHAI		
105	29	11ME52	110780119057	FATSIKHAN REHAN GULAMHUSEN	Prof. N. N. Chaudhary	Design and Development of automatic JIG for Drilling Machine
106	29	11ME94	110780119099	KHERADA PARVEZ ABDULRAHIM		

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107	30	10ME55	100780119058	DAINIK JASVANTBHAI PATEL	Prof. N. N. Chaudhary	Design and modification of three shaft threshing machine in agriculture technology
108	30	D12ME22	120783119013	PATEL JITENDRA MAHENDRABHAI		
109	30	D12ME27	120783119010	PATEL KRUPAL BABUBHAI		
110	30	D12ME33	120783119031	RAJPUT SANJAYSINH HIMATSINH		
111	31	11ME34	110780119040	PATEL DHAVAL DINESHBHAI	Prof. Dheeraj	To Design and fabrication the fuel injector cleaning Rig.
112	31	11ME40	110780119046	PATEL SAHIL BHARATBHAI		
113	31	11ME56	110780119061	PATEL MILAP NARENDRABHAI		
114	31	11ME65	110780119071	PATEL VISHNU DASHRATHBHAI		
115	33	11ME42	110780119048	GANCHI YUNISH RAHIMBHAI	Prof. Rishi Kumar	Multi response Turning Operation using Taguchi Method with GRE
116	33	11ME67	110780119073	MODH HARDIK JASHAVANTLAL		
117	33	D12ME06	120783119026	MALI JIGNESH DIPAJI		
118	33	D12ME17	120783119021	AGLODIYA AJHRUDDIN SARITBHAI		
119	34	11ME109	110780119116	SONI JAY RAJESHKUMAR	Prof. Rishi Kumar	Optimization of end Milling parameters on mild steel by response surface methodology coupled with genetic algorithm
120	34	11ME69	110780119075	CHAUDHARY MUKESH VEERJIBHAI		
121	34	11ME78	110780119084	SINDHAV DHAVAL JAGAMALBHAI		
122	34	11ME79	110780119085	PRAJAPATI DHAVAL DASHRATHBHAI		
123	35	11ME10	110780119016	PATEL APURV VISHNUBHAI	Prof. Rajeshkumar	Design and analysis of mandrel use in cold pilger mill
124	35	D12ME05	120783119001	SUTHAR DARSHAN BHOGILAL		
125	35	D12ME10	120783119003	VARMA HITESH JAYANTIBHAI		
126	35	D12ME14	120783119033	PATEL SANDIP RAJESHKUMAR		