

GMR INSTITUTE OF TECHNOLOGY- RAJAM
DEPARTMENT OF MECHANICAL ENGINEERING
MAIN PROJECT BATCH TITLES LIST

ADMITTED BATCH: 2017

SEMESTER: 8th- A & B

ACADEMIC YEAR : 2020-21

S.No	Batch No	Admn.No	Name of the student	Name of the Guide	Project Title
1	A1	17341A0347	KASINA BHASKAR	Dr.C.L.V.R.S.V. PRASAD	Flow modelling in centrifugal pump to study the pressure and velocity variations with different impeller profiles
2		17341A0335	GUNAPU PADMA		
3		17341A0301	ADAPA ANJANEYADORA		
4		17341A0349	KELIKOTI SAI KIRAN		
5		17341A0325	DEVULAPALLI ADITYA SANTOSH		
6		16341A0347	KARRA SAIKIRAN		
7	A2	17341A0311	BATNA UPENDRA	Mr.GVD Mohan	Finite element analysis of connecting rod of a 4-stroke engine using different alloy materials
8		17341A0341	JAGANNADAM KUMAR		
9		17341A0308	BADRI JAGANMOHANA RAO		
10		17341A0307	ANSUMAN PANDA		
11		17341A0359	KOTTA REVATHIPATHI		
12	A3	15341A0330	GARA TULASI DEEPTHI	Mr.G.Sasidhar	Design and transient structural analysis of flat belt drive using solid works and ansys
13		18345A0302	IPPILI HEMANTH		
14		17341A0317	BUDI RAMA KRISHNA		
15		17341A0330	GARNEPUDI SARATH CHANDRA		
16		18345A0311	KUNA SRINU		
17		18345A0313	RUPPA SAI KRISHNA		
18	A4	17341A0338	GURUGUBELLI BHASKARA RAO	Mr.G.Dinesh Reddy	Modelling and Analysis of Water Lubricated Journal Bearing used in Marine Propulsion System
19		17341A0312	BEVARA JAGANMOHANA RAO		
20		17341A0339	INDUMATHI GORLE		
21		18345A0312	PILAKA MANIKANTHA		
22		17341A0348	KEDARISSETTY VARUN KUMAR		
23	A5	17341A0334	GUDLA LOHITH	Mr.V.Jagadeesh	Design and analysis of passenger transportation drone
24		17341A0318	BUNGA PAVAN KUMAR		
25		17341A0346	KARNENA GOWTHAM		
26		17341A0353	KONA HEMA SUNDHAR		
27		17341A0355	KONNA RAMACHANDRARAO		
28	A6	17341A0350	KHANDAVALLI SATYA RANGA RAJU	Dr.G.VSS Sharma	CFD analysis of shell and tube heat exchangers with segmented and helical baffles using different tubes
29		18345A0308	TAMARANA NAVEEN		
30		17341A0305	ALLAKA V V D SAIKUMAR NAGESWARARAO		
31		17341A0358	KOTLA LEELA PRASAD		
32		17341A0336	GUNDA JAGANMOHANA RAO		
33	A7	17341A0357	KOTA VENKATA SAI GUNA VARSHIT	Dr.A.Avinash	Machine Learning and Biodiesel
34		17341A0331	GEDDAMURI LAKSHMI PRASANNA		
35		17341A0304	ALLA RAMUNAIDU		
36		17341A0320	BUSARA ARAVINDKUMAR		
37		18345A0305	ARJI VIJAY CHARAN KUMAR		
38	A8	17341A0340	INTY TEJASWAR RAO	Dr.K.Santa Rao	Workplace safety management using AI
39		17341A0319	BURADA SAHIT KUMAR		
40		18345A0309	URLAPU MANIKANTA		
41		18345A0310	KUPPILI PAVAN KUMAR		
42		17341A0343	KADRKA KOMALA RAO		
43	A9	17341A0323	DATLA SANJAY VARMA	Dr.Ch.Vinod Babu	Design and analysis of car body to reduce drag and increase fuel efficiency
44		18345A0307	THOTA NAVEEN DEEPAK		
45		17341A0329	ERAGALA SAI KRISHNA		
46		17341A0344	KALIDINDI TARUN SATYA VENKATESH		
47		18345A0304	DULIPALLI BABLURAJ		
48	A10	17341A0332	GOKARAKONDA UMA NAGA VENKATESWARULU	Dr.A.Vijin Prabhu	Design and Modelling of Ground Nut Separating Machine
49		17341A0309	BALIMI ESWARA SAI		
50		17341A0327	DURGA PRASAD VAVILAPALLI		
51		17341A0326	DODDI MANIDEEPKUMAR		
52		17341A0333	GORU SAI KRISHNA		
53	A11	17341A0356	KOTA RAVITEJA	Dr.A.Maji	Thermal analysis and optimization of hollow hybrid finned heat sink
54		17341A0342	KABOTHU CHARAN		
55		18345A0303	CHITTIRI RAJASEKHAR		
56		17341A0321	CHEEKATI VENKATESH		
57		17341A0314	BODDEDA MANOJ		
58	A12	17341A0322	DASARI HARISH NAIDU	Dr.S.K.Gupta	Study of pool/flow Boiling heat transfer of nanofluids on structured/non-structured surfaces using soft computing technique
59		17341A0315	BOMBURI BHANU PRAKASH		
60		17341A0316	BONGU BHARGAVI		
61		17341A0360	KUPPILI GNANESHWAR RAO		
62		17341A0351	KOBAGANA PURUSHOTTAM		
63	A13	17341A0306	ALLAMPALLI MANIKANTA	Mr.U.Sudhakar	Modelling and Analysis of Drilled Disc Brake and Vented Disc Brake
64		17341A0324	DEVARAKONDA DURGA SASIKUMAR		
65		18345A0301	POTNURU SRI RAM		
66		17341A0328	DURGASI BHARGAVI		
67		17341A0302	ADDALA YESWANTH VARMA		
68	A13	17341A0313	BODDEDA GOWTHAM	Mr.U.Sudhakar	Modelling and Analysis of Drilled Disc Brake and Vented Disc Brake
69		16341A0359	KUNISSETTY SANDEEP REDDY		

MAIN PROJECT BATCH TITLES LIST

ADMITTED BATCH: 2017

SEMESTER: 8th- A & B

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S.No	Batch No	Admn.No	Name of the student	Name of the Guide	Project Title
70	B1	18345A0317	BADE ANAND	Mr.K.Simhadri	Design and Analysis of Airfoiling using ANSYS
71		17341A03A8	SURADA UPENDRA		
72		17341A0366	MAJJI NAVEEN		
73		17341A0373	MUDDADA RAMESH CHANDRA		
74		17341A0363	MAHADASYAM BHAGYA SRI		
75	B2	17341A0396	SABBANA SIVA KUMAR	Dr.S.Chiranjeeva Rao	Optimization of Tribological Properties of Pin on Disc under Nano emulsified Biodiesel Lubricants
76		18345A0319	DALLI LOKESWARA RAO		
77		17341A03A1	SETTI DURGAPRASAD		
78		17341A0372	MUDDADA BHARGAV		
79		17341A0365	MAILAPALLI HARSHA VARDHAN		
80	B3	17341A03B5	VANGALA SAI SAGAR	Mr.K.Simhadri	Thermal Analysis Comparison of Engine Cylinder Fins of Different Geometry using ANSYS
81		17341A0379	PATIL RUSHIKESH		
82		17341A0386	POLAKI SIRISHA		
83		17341A03B3	TINGA YOGI		
84		17341A0370	MARRIPUDI NAMEETH		
85	B4	16341A0375	MUCHI PAVAN KUMAR	Mr.N Govindarao	Numerical Investigation of Natural Convection in A Porous Wavy Chamber (Non-Uniform Heating) with Moving Boundary Walls
86		17341A0368	MANDA PAVAN KUMAR		
87		17341A0381	PEDADA BADRI NADH		
88		17341A0394	ROUTHU RAJESH		
89		17341A0382	PEDADA TEJESWARA RAO		
90	B5	17341A0388	POTHALA RANJITH KUMAR	Dr.M.Srinivasa Rao	Study, Analysis and Optimization of Agriculture Waste Activated Carbon Based Composite Material
91		17341A0397	SAKETI NAVEEN		
92		17341A0371	MERA PRAVEEN SHYAM RAJ		
93		18345A0315	JANNI SHARIFKUMAR		
94		17341A03A7	SRI RAVI SHANKAR PENUGONDA		
95	B6	16341A0393	PENUMALLU SIVA AVINASH REDDY	Dr.V.Rambabu	Analysis of Automotive Differential with Higher Reduction Ratio with Different Materials
96		18345A0314	SARAGADAM GANESH		
97		18345A0320	BUDUMURU BALAMURALI		
98		17341A0375	NADIMINTI MURALI MOHAN		
99		17341A03C0	YENNETI SAIKRISHNA		
100	B7	17341A0387	PONDURU DHANUMJAYA	Mr.A.Lakshumu Naidu	Acoustic Noise Analysis of Home Appliances
101		17341A0390	RAO NITHIN LATCHARAO		
102		18345A0322	BARATAM KISHORKUMAR		
103		17341A0385	PITTA HARI PRASAD REDDY		
104		17341A03B6	VARRI BHARATH SAI		
105	B8	17341A0392	RAYUDU SAI KUMAR	Dr.B.V.Suresh	Design and Fabrication of Solar Drier for Quantifying the Natural Properties of Onions
106		17341A03B4	URITI SANDEEP		
107		17341A03B0	TERLI BALACHANDU		
108		17341A03B1	THODETI SUNDAR KUMAR		
109		17341A03B7	VURITI NAVEEN		
110	B9	17341A03A5	SODADASI RAJ SUNDAR	Dr.Pankaj Kumar	Design and Development of Power Through Solar Hybrid Energy
111		18345A0321	PINISETTI SAI KUMAR		
112		17341A03B9	YEGIREDDI KIRAN KUMAR		
113		17341A0376	NAGURI AJITH KUMAR		
114		17341A0369	MANUKONDA RAMAKRISHNA		
115	B10	17341A0374	MUDILA PAVAN KALYAN	Dr.P.N.L.Pavani	Prediction and Optimization of EDM Process Parameters
116		17341A0398	SAMBANGI SRINIVASA VARA PRASADU		
117		17341A0395	RUPPA POOJITHA		
118		17341A0380	PATNANA RAVI KUMAR		
119		17341A0383	PENUMETSA VENKATA SURYA VAMSI RAJU		
120	B11	17341A03A3	SIKETE VASUDEVA RAO	Dr.M.Vyunkunta Rao	Modelling & Performance Analysis of A Solar Desalination Unit
121		18345A0316	KAMMA AVINASH		
122		17341A03B2	THOTA GAYATHRI NAIDU		
123		17341A0384	PETLA THARUN KUMAR		
124		17341A03A4	SIMMA DIWAKAR NAGA SAI		
125	B12	17341A0378	PANIGRAHI RAJENDRA PRASAD	Mrs.Y.Shireesha	Finite Element Analysis of Hybrid Jute/Carbon Composites and Comparison with Experimental Study
126		17341A0389	PULLETIKURTI VENKATA MANOHAR SAI		
127		18345A0318	MADEM SANTHOSH KUMAR		
128		17341A0362	M VENKATA ADARSH NARAYANA		
129		17341A03A9	TATAPUDI SAI KRISHNA		
130	B13	17341A0399	SAMPATHIRAO MADHUSUDHANA RAO	Dr.PNL Pavani	Prediction and Optimization of Process Parameters of Electrical Spark Machining (ESM)
131		17341A0361	KURAMANA PRADEEP		
132		18345A0324	CHOKKAKU CHANDU		
133		16341A0398	RAYEDI SUMANTH ASHISH		
134		18345A0323	MOILA VEERA VENKATA SATYA VARA PRASAD		
135	B13	17341A0391	RAVADA KODANDA RAM PRASAD	Dr.PNL Pavani	Prediction and Optimization of Process Parameters of Electrical Spark Machining (ESM)
136		17341A0393	REGETI SHYAM SUNDAR		
137		17341A03A0	SARAPINTI SAI TEJA		
138		17341A0364	MAHANTI CHAKRADHAR NAIDU		

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GMR INSTITUTE OF TECHNOLOGY- RAJAM
DEPARTMENT OF MECHANICAL ENGINEERING
MINI PROJECT - INTERNAL EXAM

ADMITTED BATCH: 2018

ACADEMIC YEAR : 2020-21

SEMESTER : VI - Section - A,B & C

S.No	Batch	Admn.No	Name of the Student	Name of the Guide	Title
1	A1	18341A0308	BADIREDDY VENKATA MEGHANA	Mr.G.Dinesh Reddy	Structural design and analysis of Disc brake in automobile
2		19345A0308	KANCHUMOJU HAREESH		
3		19345A0304	VENNA KARTHIK REDDY		
4		18341A0314	BANTU SHANMUKH KUMAR		
5		18341A0312	BANDARU NAGA VAMSI		
6		18341A0327	CHIGURUPATI SAI SUJEETH		
7		17341A0352	KOMARA SWATHI		
8	A2	18341A0325	BYREDDI RAMANA BABU	Mr.B.V.Suresh	A review on car surface body design using Caria and static structural analysis using Ansys workbench
9		18341A0339	GEDDAM KAMAL		
10		19345A0301	SAVARALA SRIKANTH		
11		18341A0305	ALLAMPALLI DINESH		
12		18341A0319	BODDEDA HARSHA VARDHAN		
13		18341A0313	BANGARU PRASAD		
14	18341A0345	GORUSU PRAVEEN REDDY			
15	A3	18341A0322	BUDDALA NAGENDRA SATYA PRASANNA	Dr.P.N.L.Pavani	Study on application of general regression neural network (GRNN) in the prediction of turning process parameters
16		18341A0309	BALAGA SANTOSH KUMAR		
17		19345A0303	MEESALA THARUN KUMAR		
18		18341A0307	ARASAVILLI SURYA PRATAP		
19		18341A0301	ABHILASH REDDY		
20		18341A0337	GARA KASULABABU		
21	18341A0304	AKHIL BURLA			
22	A4	18341A0321	BOTCHA HARITEJA	Mrs.Y.Shireesha	Optimisation of connecting rod for weight and cost in python using scipy-solver
23		18341A0318	BODASINGI BHANU PRASAD		
24		18341A0303	ADAPAKA SUMANTH		
25		18341A0311	BAMMIDI TIRUPATHI		
26		18341A0316	BATTINA VENKATA BRAHMA ANIL KUMAR		
27		18341A0333	DEVATANA PRUDHVIRAJ		
28	18341A0338	GEDDA SIVA			
29	A5	19345A0302	TIPPANI SRIRAM	Dr.Pankaj Kumar	Purification of water by solar energy
30		18341A0340	GEDELA SIVAKUMAR		
31		19345A0306	BOMMIKA DIVAKAR		
32		18341A0346	GULIVINDALA ANUDEEP		
33		18341A0335	DUNGA RAKESH KUMAR		
34		18341A0329	CHITTURI TAGORE		
35	18341A0332	DENDETI ROHIT			
36	A6	18341A0310	BALLA SIVA	Dr.S.Chiranjeeva Rao	Design, modelling and analysis of connecting rod
37		19345A0309	KUSETTI DHILLEESWARA RAO		
38		18341A0320	BONDADA DHARMA RAJU		
39		18341A0317	BETHA AKASH		
40		18341A0324	BUSIMI RAKESH		
41		18341A0343	GORLE GANESH		
42	18341A0302	ACHARLA LAHARI			
43	A7	19345A0307	VANTAKULA PAVAN	Dr.G.V.S.S.Sharma	Computer aided geometric modelling and asseblies of engineering assemblages
44		18341A0326	CHEEPURUBILLI BINDHU MADHURI		
45		18341A0336	ELISETTY SAI SANKAR SIDDHU		
46		18341A0315	BARNIKALA AKHIL		
47		18341A0330	DABBADA GOWRI SANKAR		
48	18341A0334	DHARMIREDDI SWAMI			
49	A8	19345A0311	BALLA SYAMSUNDARARAO	Mr.G.Sasidhar	Design of power transmission system and it modeling in CATIA
50		18341A0323	BURIDI JAGADEESH		
51		18341A0331	DANDASI RAVINDRA KUMAR		
52		18341A0344	GORRELA MADHENU		
53		18341A0341	GEMBALI SAI GANESH		
54	18341A0306	ALLANGI PAVAN CHANDU			
55	B1	18341A0392	PADALA HEMANTH	Dr.Ch.Vinodbabu	Study of Piston Design and its optimization for weight reduction
56		18341A0350	JAGADEESH BEHARA		
57		18341A0360	KARRI NIKHIL KUMAR		
58		19345A0314	DANDANGI SRI HARSHA		

59		18341A0390	NIMMADI ABHISHEK		Optimization for weight reduction
60		18341A0391	NOWDASARI SAI KIRAN		
61		18341A0348	GURAVANA AYYAPPA		
62	B2	18341A0375	MALLA SWAROOP	Mr.A.L.Naidu	Comparative Analysis of 3D printing technologies and studied the best method for industry
63		18341A0357	KARIMAJJI PRASAD		
64		18341A0374	LOCHARLA TEJESWARA RAO		
65		18341A0367	KOMMANAPALLI ANIL		
66		18341A0363	KILLARI SUREKHA		
67		19345A0324	CHAPPA RAM BABU		
68		19345A0318	YADLA MANOJ KUMAR		
69	B3	19345A0323	PETCHETI SAI KUMAR	Dr.M.Vykunta Rao	Estimation of Properties of material using Artificial Neural Network
70		18341A0351	JAGALINGI VAIKUNTA RAO		
71		18341A0369	KOTHAKOTA PURUSHOTHAM		
72		18341A0356	KAMISETTI MANOJ SAI PRAVEEN		
73		18341A0388	NAKKETLA SIVA KRISHNA		
74		19345A0313	BONELA MAHESH		
75		18341A0364	KIRAN KILARI		
76	B4	18341A0378	MATHALA MOUNIKA	Mr.N.Govinda Rao	Numerical Investigation of Natural Convection in a porous enclosure with hot cylinder with moving boundary walls
77		18341A0377	MARADANA MOHANA RAO		
78		18341A0347	GURANA SASIKALA		
79		18341A0359	KARRI GANESH		
80		18341A0385	MULA LAXMANA RAO		
81		18341A0393	PAGOTI MOULI		
82		19345A0315	BODELA VINAY KUMAR		
83	B5	18341A0368	KONDRI CHANDRA MOULI	Dr.K.Santa Rao	Characterization and analysis of mechanical properties for 3D printing materials
84		18341A0355	KADURI SIVAPRASAD		
85		19345A0321	BATHI SAILENDRA KUMAR		
86		18341A0370	KOTIPALLI VAMSIKUMAR		
87		18341A0379	MEEGADA SATEESH		
88		18341A0361	KAYALA ASHISH		
89		18341A0354	KADALI SRINIVASA SANDIEP		
90	B6	18341A0358	KARIMI DEVENDRA	Dr.V.Rambabu	Design and fabrication of mini hydro power generation plant
91		18341A0384	MUDILI ADARSH NAIDU		
92		18341A0365	KITTALI VENKATA TRINADHA RAO		
93		19345A0317	KANURI RAVITEJA		
94		18341A0380	MONDEM SATYA BHARGAVA MOULIK RAJ		
95		19345A0319	SAMANTAKURTI VENKATA SIVA BRAHMAM		
96		18341A0394	PAIDI AMARKIRAN		
97	B7	18341A0382	MOUNIKA AKYANA	Dr.S.K.Gupta	Study of Different motors in electric vehicles
98		19345A0316	NEELI RAJESH KUMAR		
99		18341A0371	KRUTHIVANTI ESWAR VARMA		
100		18341A0349	IPPILI SURESH		
101		18341A0353	K G S VARUN TEJA		
102		18341A0387	MYLAPILLI SIVA		
103		18341A0386	MUTHUKURI SAINADH		
104	B8	18341A0366	KOLLATI SRAVAN KUMAR	Dr.A.Avinash	Submerged Floating Tunnels
105		19345A0320	KARNANA PAVAN KUMAR		
106		19345A0322	JINAGAM PAVAN		
107		18341A0381	MORTHA KARTHIKEYAN		
108		18341A0372	KUNA SARATH KUMAR		
109		18341A0376	MANGI SIVAPRASAD		
110		18341A0373	LOCHARLA TARUN SAI SWAROOP		
111	C1	18341A0397	PENTAKOTA PAVAN SAI SANDEEP	Dr.A.Maji	A Case Study on Biomass Energy Generation for Power Supply in Rural India
112		18341A0399	POLETI UDAY KIRAN		
113		19345A0328	SALAPU RUPESH		
114		18341A03B2	SAI KRISHNA SANDEEP NERELLA		
115		19345A0334	DONDAPATI NAVEEN		
116		19345A0337	ARAVELLI SAI PAVAN KUMAR SHARMA		
117		18341A03C8	THODETI SUMANTH KUMAR		
118		18341A03B8	SASAPU SAI KIRAN		

119		18341A0396	PEDAGADI LOKESH		
120		19345A0330	GORELA DURGAPRASAD		
121	C2	18341A03A9	SABBANA HARISH KUMAR	Dr.M.Srinivasa Rao	study and preparation of activated carbon based on composite materials through softcomputing
122		18341A03D9	YAMMALA SATISH		
123		18341A03A3	PUTTI ROHITH		
124		18341A03D4	VEMPADA THOTAYYA REDDY		
125	C3	18341A03B0	SACHETH SRI KIRAN BELLALA	Mr.G.V.D.Mohan	study of various fabrication techniques of Tio2
126		18341A03A4	PYLA LOKESH		
127		18341A03C3	SRIRAM JAVVADI		
128		18341A03A7	RONANKI ASHOK KUMAR		
129		18341A0395	PALACHARLA SUSHMITHA		
130		18341A03C6	TEJESWARA RAO GANDEPALLI		
131		18341A03D8	YALLA DINESH		
132	C4	18341A03B4	SAMANTHALA JNANESWAR	Mr.V.Jagadeesh	heat transfer analysis on earth tube heat exancher
133		18341A03B1	SAHITHI BILLA		
134		19345A0329	MEDASETTI POORNA GANESH		
135		19345A0336	BRUNDAVANAM GOPALA KRISHNA		
136		19345A0335	VADDAPALLI MADHAVANAIDU		
137		18341A03A1	PRAGADA SURESH KUMAR		
138		18341A03C4	SUNKARI SAI KUMAR		
139	C5	18341A03C1	SINGAMPALLI PRASANNA KUMAR	Mr.K.Simhadri	Automatic petrol bunk using RFID
140		18341A0398	POGIRI VASUDEVA RAO		
141		19345A0333	GUDIYA HEMANTHKUMAR		
142		19345A0338	PAIDI HARITHA		
143		19345A0331	VULA PREM KUMAR		
144		18341A03B6	SANDEEP KIRAN KINTALA		
145		18341A03C2	SIRIPURAPU DILEEPKUMAR		
146	C6	18341A03C7	TELU VAMSI	Dr.A.Vijin Prabhu	Design of a multifunctional wheelchair for disabled people
147		19345A0326	SALAPU JAGAN MOHAN		
148		19345A0327	POLAKI AMMANNAIDU		
149		19345A0325	SHAIK ANSARVALLI		
150		18341A03D2	VANA SAI BHARADWAJ		
151		18341A03D1	UTTARAVILLI JASWANTHKUMAR		
152		18341A03A0	PONNAPU RAVITEJA		
153	C7	18341A03B9	SIMHADRI NAVEEN KUMAR	Mr.U.Sudhakar	Design and analysis of disc brake
154		18341A03D6	VYSYARAJU RAKESH KUMAR		
155		19345A0332	PONDARI VENUGOPAL		
156		18341A03A5	REDDI MUKHESH		
157		18341A03A2	PUPPALA SAI KUMAR		
158		18341A03D0	TULE NARENDRA KUMAR		
159		18341A03A6	REGANA SAIKUMAR		
160	C8	18341A03D7	YADAM ABHISHEK	Dr.M.Vykunta Rao	Analysis of car bumper using finite element analysis
161		18341A03B7	SARIKA DHANUNJAYA RAO		
162		18341A03B5	SAMBANGI SAI VISWANTH		
163		18341A03C5	TADUTURI HARSHAVARDHAN		
164		18341A03D5	VIJAY MOHAN REDDY KAMMAKATLA		
165			17131A0334		

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