

**DEPARTMENT OF MECHANICAL ENGINEERING
MORADABAD INSTITUTE OF TECHNOLOGY
PROJECT LIST (BATCH: 20014-2018)**

E SECTION

| Gr No | Name of Students | | | | Project Title | Guide | Marks / Grade |
|--------------|-------------------------|----------------------------------|---|------------|---|-----------------------------------|----------------------|
| 1 | i. | Divya Choudhary 7895202626 | E | 1408240059 | Design of automatic solid waste management system. | Ms. Monika Singh 7906400770 | |
| | ii. | Amber Abbasi | E | 1408240019 | | | |
| | iii. | Ali Hasnain | E | 1408240016 | | | |
| | iv. | Gaurav Kumar | E | 1408240065 | | | |
| | v. | Deepu Diwakar | E | 1408240051 | | | |
| 2 | i. | Bobby Anand 8171319875 | E | 1408240042 | Fabrication of solar based automatic lawn mower. | Mr. Sachin Kawatra 9760726459 | |
| | ii. | Arpit Mehra | E | 1408240038 | | | |
| | iii. | Ayush Pandey | E | 1408240041 | | | |
| | iv. | Anuj Kumar | E | 1408240034 | | | |
| | v. | Ayush Bisht | E | 1408240002 | | | |
| 3 | i. | Divyank Kumar 9411855448 | E | 1408240060 | Fabrication of foot step power generation system. | Mr. Akash Roy 9456012062 | |
| | ii. | Anant Dubey | E | 1408240023 | | | |
| | iii. | Ashu Upadhaya | E | 1408240040 | | | |
| | iv. | Agam Chaudhary | E | 1408240012 | | | |
| | v. | Firoz Ahmad | E | 1408240062 | | | |
| 4 | i. | Dikshant Choudhary 8475818510 | E | 1408240053 | Fabrication of model of automatic side stand sprocket retrieval system. | Mr. Sumit Kr. Singh 9565610386 | |
| | ii. | Dishant Kumar | E | 1408240057 | | | |
| | iii. | Dinesh Diwaker | E | 1408240055 | | | |
| | iv. | Mahendra Pal | E | 1308240080 | | | |
| | v. | Ankit Kumar | E | 1408240029 | | | |
| 5 | i. | Ankur Saxena 7417517305 | E | 1408240032 | Faulty product detection and separation system. | Dr. Abhishek Saxena 9837623458 | |
| | ii. | Gajendra Pal | E | 1408240063 | | | |
| | iii. | Arpit Singh Gill | E | 1408240039 | | | |
| | iv. | Adnan Khan | E | 1408240010 | | | |
| | v. | Atif Ikram | E | 1408240001 | | | |
| 6 | i. | Ankit Dangi 7060459208 | E | 1408240026 | Hybrid Epoxy composite. | Mr. Sandeep Kumar 8923416048 | |
| | ii. | Aurag Sharma | E | 1408240035 | | | |
| | iii. | Aqilurrahman | E | 1408240036 | | | |
| | iv. | Dikshant Kumar | E | 1408240054 | | | |
| | v. | Dev Pratap Singh | E | 1408240052 | | | |

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|----|------|----------------------------------|---|------------|--|---|--|
| 7 | i. | Brij Kishor Sharma 9720745100 | E | 1408240043 | Fabrication and Design of fourway hacksaw machine. | Mr. Akhilesh Kumar 9897740258 | |
| | ii. | Dipankar Singh | E | 1408240056 | | | |
| | iii. | Akarsh Kr. Singh | E | 1408240013 | | | |
| | iv. | Anas Shaikh | E | 1408240024 | | | |
| | v. | Aakash Kumar | E | 1408240015 | | | |
| 8 | i. | Anand Kumar 9084515189 | E | 1408240022 | Fabrication of CNC drafter machine. | Mr. O.P. Sahani 9457897442 | |
| | ii. | Adwitiya Singh | E | 1408240011 | | | |
| | iii. | Amrish | E | 1408240021 | | | |
| | iv. | Ankit Kumar | E | 1408240028 | | | |
| | v. | Divyanshu | E | 1408240061 | | | |
| 9 | i. | Ankit Kr. Singh 9456440014 | E | 1408240030 | Performance & emission analysis of blended & preheated vegetable oils. | Mr. Rakesh Kr. Gangwar 9411921173 | |
| | ii. | Abhishek Kumar | E | 1408240005 | | | |
| | iii. | Abhishek Kumar | E | 1408240006 | | | |
| | iv. | Alok | E | 1408240017 | | | |
| | v. | Ankit Chauhan | E | 1408240025 | | | |
| 10 | i. | Abhishek Tyagi 9897076638 | E | 1408240008 | Fabrication of vertical axis wind turbine. | Mr. Akash Roy 9456012062 | |
| | ii. | Akash Kaushik | E | 1408240014 | | | |
| | iii. | Abhay Kaushik | E | 1408240003 | | | |
| | iv. | Abhishek Kr. Verma | E | 1408240007 | | | |
| | v. | Abhay Veer Singh | E | 1408240004 | | | |
| 11 | i. | Deepak Kumar 9639889018 | E | 1408240048 | To evaluate the effect of squeeze casting parameter on Mechanical properties of LM 4 Aluminium alloy using squeeze casting. | Mr. Deepak Singh 9410827588 | |
| | ii. | Deepak Kumar | E | 1408240049 | | | |
| | iii. | Deepak Singh | E | 1408240050 | | | |
| | iv. | Danveer Singh | E | 1408240047 | | | |
| | v. | Chandra Bhan Singh | E | 1408240044 | | | |
| 12 | i. | Heera Saleem 8439597894 | F | 1408240068 | Experimental Investigation on Mechanical characterization of Aluminium gravity die casting. | Dr. Munish Chhabra 9927093913 | |
| | ii. | Mohd. Shakir | F | 1408240102 | | | |
| | iii. | Mohit Kumar | F | 1408240104 | | | |
| | iv. | Punit Kr. Sharma | F | 1408240120 | | | |
| | v. | Rachit Choudhary | F | 1408240123 | | | |
| 13 | i. | Rachna Upadhyay 9997298976 | F | 1408240124 | Valorisation of preventable and non preventable food waste by designing the conceptual model of composting. | Ms. Bhavya Nidhi Vats 9412148733 | |
| | ii. | Murtuza Hasan | F | 1408240108 | | | |
| | iii. | Naman Gupta | F | 1408240109 | | | |
| | iv. | Muneer Ul Haq | F | 1408240106 | | | |
| | v. | Mohd. Ovais | F | 1408240103 | | | |

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|----|------|-------------------------------|---|------------|---|-------------------------------------|--|
| 14 | i. | Rahul Kumar 9528963689 | F | 1408240127 | Fabrication of Automatic bench vice machine. | Mr. Sanjay Kumar 9634258150 | |
| | ii. | Ankit Kumar | F | 1408231014 | | | |
| | iii. | Jatin Singh | F | 1408240075 | | | |
| | iv. | Pawan Kumar Pal | F | 1408240118 | | | |
| | v. | Lalit Kumar | F | 1408240085 | | | |
| 15 | i. | Kapil Kumar 9720934872 | F | 1408240079 | Fabrication of model of intelligent breaking system and feasibility in automobile. | Mr. Pavanendra Kumar 9870708504 | |
| | ii. | Izhar Husain | F | 1408240073 | | | |
| | iii. | Himanshu Goyal | F | 1408240069 | | | |
| | iv. | Kapil Kumar | F | 1408240080 | | | |
| | v. | Imran Naqvi | F | 1408240072 | | | |
| 16 | i. | Harshit Vishnoi 9045286903 | F | 1408240067 | Development of Al matrix based micro composite using stir casting. | Mr. Sachin Kawatra 9760726459 | |
| | ii. | Paras | F | 1408240117 | | | |
| | iii. | Manu Yadav | F | 1408240091 | | | |
| | iv. | Manish | F | 1408240089 | | | |
| | v. | Nikhil Saxena | F | 1408240113 | | | |
| 17 | i. | Rahul Golay 8909822255 | F | 1408240125 | Designing and Fabrication of CNC plotter machine.(DRAWBOT) | Ms. Bhavya Nidhi Vats 9412148733 | |
| | ii. | Surendra Kumar | F | 1408231101 | | | |
| | iii. | Mohin Ahmad | F | 1408240105 | | | |
| | iv. | Puneet Pandey | F | 1408240121 | | | |
| 18 | i. | Mohd. Parvez 7417191162 | F | 1408240101 | Design and fabrication of a model for filtration and power generation from sewage water. (SHURJA) | Mr. Pravesh Chandra 9410678464 | |
| | ii. | Mohd. Asjad | F | 1408240099 | | | |
| | iii. | Mohd. Ejazul Haque | F | 1408240100 | | | |
| | iv. | Mohd. Suhaib Khan | F | 1408240097 | | | |
| | v. | Kumar Arpit | F | 1408240084 | | | |
| 19 | i. | Navneet Tiwari 8024085270 | F | 1408240110 | Power generation through speed breaker by using air compression method. | Mr. Atul Sharma 9410260220 | |
| | ii. | Nishant Gupta | F | 1408240114 | | | |
| | iii. | Nitish Bhardwaj | F | 1408240115 | | | |
| | iv. | Mayank | F | 1408240092 | | | |
| | v. | Manish Kumar | F | 1408240090 | | | |
| 20 | i. | Kapil Kumar 8392910976 | F | 1408240078 | Multi function operation machine. | Dr. B.P. Singh 9412530259 | |
| | ii. | Janmejy Kr. Sagar | F | 1408240074 | | | |
| | iii. | Md. Shahbaz Alam | F | 1408240095 | | | |
| | iv. | Rajeev Kumar | F | 1408240130 | | | |
| | v. | Sunil Kumar | F | 1208240303 | | | |

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| 21 | i. | Nikhil Kr. Gupta 8266989159 | F | 1408240112 | To enhance the efficiency of solar power generating system using phase change material. | Dr. Nitin Agarwal 9359397806 |
| | ii. | Krishna Parashar | F | 1408240083 | | |
| | iii. | Nitish Sagar | F | 1408240116 | | |
| | iv. | Karan Dhingra | F | 1408240081 | | |
| | v. | Nikhil Chauhan | F | 1408240111 | | |
| 22 | i. | Himanshu Malik 9634945834 | F | 1408240070 | Fabrication and working model of hydraulic scissor lift. | Mr. Sanjay Kumar 9634258150 |
| | ii. | Rajat Rao | F | 1408240128 | | |
| | iii. | Rahul Kumar | F | 1408240126 | | |
| | iv. | Mohd. Abbas | F | 1408240098 | | |
| | v. | Murtaza Hasan | F | 1408240107 | | |
| 23 | i. | Shashank Verma 7060437898 | G | 1408240152 | Design and Fabrication of a Biomimetic Robot. | Dr. Abhishek Saxena 9837623458 |
| | ii. | Shridamas Das | G | 1408240158 | | |
| | iii. | Shubham Saxena | G | 1408240161 | | |
| | iv. | Utkarsh Tyagi | G | 1408240175 | | |
| | v. | Sachin Parmar | G | 1408240138 | | |
| 24 | i. | Sunil Kumar 8859420362 | G | 1408240169 | Fabrication of the model of 4 wheel steering system for smart parking. | Mohd. Abdul Shaafi 7417024441 |
| | ii. | Sachin Kumar | G | 1408240137 | | |
| | iii. | Sumit | G | 1408240166 | | |
| | iv. | Zaigham Ullah Ghazi | G | 1408240187 | | |
| 25 | i. | Saurodeep Chatterjee 8433004715 | G | 1408240147 | On-spot rotation of ships using gyroscopic precession. | Mr. Sandeep Kumar 8923416048 |
| | ii. | Salil Tripathi | G | 1408240139 | | |
| | iii. | Shivam Seth | G | 1408240157 | | |
| | iv. | Ruchir Yadav | G | 1408240136 | | |
| | v. | Vishal Saxena | G | 1408240183 | | |
| 26 | i. | Vipin Pal 9536940838 | G | 1408240180 | Fabrication and model of automated electromagnetic gear box. | Mr. O.P. Sahani 9457897442 |
| | ii. | Vineet Chaudhary | G | 1408240178 | | |
| | iii. | Shubham Chaudhary | G | 1408240159 | | |
| | iv. | Sameer Kumar Singh | G | 1408240141 | | |
| 27 | i. | Anuj Kumar 9675485754 | G | 1508240902 | Design & fabrication of finger print vehicle starter, GPS & GSM system for accident alert and fall detection. | Dr. Parul Gupta 9412354389 |
| | ii. | Ankit Kumar Singh | G | 1508240901 | | |
| | iii. | Lav Kumar | G | 1508240906 | | |
| | iv. | Sarsij Yadav | G | 1508240910 | | |
| | v. | Sunidhi Sagar | G | 1408240168 | | |
| 28 | i. | Romil Mahajan 8057508669 | G | 1408240135 | To evaluate the effect of casting parameters on Mechanical properties of brass alloy (C28580) using squeeze die casting. | Mohd. Talha Khan 9412840786 |
| | ii. | Udit Vashishtha | G | 1408240174 | | |
| | iii. | Zamirul Hasan | G | 1408240189 | | |
| | iv. | Vibhu Gaur | G | 1408240176 | | |
| | v. | Shavez | G | 1408240154 | | |

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| 29 | i. | Sankalp Deep Kushwaha 9634046592 | G | 1408240146 | Fabrication and characterisation of Alumina particles reinforced aluminium metal matrix composites. | Mr. Puneet Kumar 9410051738 | |
| | ii. | Suraj Kumar Singh | G | 1408240170 | | | |
| | iii. | Nitesh Singh Pal | G | 1508240907 | | | |
| | iv. | Simranjeet Singh | G | 1508240911 | | | |

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| 30 | i. | Sharad Chandra Singh 9897127580 | G | 1408240151 | Fabrication and optimization of the performance of solar air heater by changing the shape size as well as material of absorber plate. | Mr. Arvind Kumar Singh 9457685559 | |
| | ii. | Yash Saxena | G | 1408240185 | | | |
| | iii. | Rajesh Kumar | G | 1408240131 | | | |
| | iv. | Shan Mohammad | G | 1408240150 | | | |
| | v. | Sumit Singh | G | 1408240167 | | | |

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| 31 | i. | Vipul Kumar 7060281577 | G | 1408240181 | Analysis of Mechanical properties of Aluminium by sand casting of different grain size No. sand. | Mr. Vipin Kumar 9410010143 | |
| | ii. | Rishab Rana | G | 1408240133 | | | |
| | iii. | Shivam Kumar | G | 1408240156 | | | |
| | iv. | Veer Singh | G | 1408240909 | | | |
| | v. | Shahnawaz Alam | G | 1408240149 | | | |

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| 32 | i. | Ravi Kumar 8057562649 | G | 1408240132 | Analysis of ground source cooling system. | Mr. Vikas Rastogi 9410051404 | |
| | ii. | Vishal Bhatnagar | G | 1408240182 | | | |
| | iii. | Zaki Khan | G | 1408240188 | | | |
| | iv. | Vikas Verma | G | 1408240177 | | | |
| | v. | Shekhar Tyagi | G | 1408240155 | | | |

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| 33 | i. | Rachit Goel | G | 1308240115 | Mechanical characterization of C380 Brass alloy using different casting processes. | Mr. Ganesh Kr. Sharma 9690942947 | |
| | ii. | Yash Rana | G | 1408240184 | | | |
| | iii. | Syed Atif Junedi | G | 1408240173 | | | |
| | iv. | Prashant Sharma | G | 1308240109 | | | |
| | v. | Rajeev Kumar | G | 1308240124 | | | |