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| S/N | Thesis title | Scope | Number of students | Names of Advisor |
| 1 | Design of Pedal powered Hacksaw metal cutter | The purpose of this project is to design a pedal powered hacksaw metal cutter to be used at small scale construction sites and furniture units. It will avoid the dependence on electricity to cut metals on small scales and replace power hacksaw machine to cut metals in where there is no electricity available. This project is also aimed at helping the concerned students to complete their senior project for the fulfillment of BSc. in Mechanical Engineering. | 3 | Dawit Tesfay |
| 2 | Design of Scissor lift with trolley for loading/unloading and transportation of items | The purpose of this project is to design a scissor lift with trolley which is used in various small scale industries for lifting processed items to be transported. This will avoid the manual loading/unloading practice which is now dominantly common in various industrial sectors of Ethiopia, starting from super markets up to small scale flour industries. Also this product will be used to transport items from one site to another site within one sector since it is portable due to the trolley mechanism. This will improve the standard of the sector and add up to the safety and comfort of the workers. This project is also aimed at helping the concerned students to complete their senior project for the fulfillment of BSc. in Mechanical Engineering. | 3 | Dawit Tesfay |
| 3 | Design and Modeling of Wet Cloth Squeezer | Design Analysis and detail drawings | 2 | Besufekad Getachew |
| 4 | Design and Modeling of Self-propelled Walk Behind Type Pesticide Sprayer | Design Analysis and detail drawings | 2 | Besufekad Getachew |
| 5 | Design and Modeling of Teff Sieving and Blowing Machine for Small Scale Cereal Grinding Shops | Design Analysis and detail drawings | 2 | Besufekad Getachew |
| 6 | Design and Modeling of Manure Spreading Machine for Farm Land | Design Analysis and detail drawings | 2 | Besufekad Getachew |
| 7 | Design and Modeling of Multiple angle Pipe Bending | Design Analysis and detail drawings | 2 | Besufekad Getachew |
| 8 | Design and Modeling of Manually Operated Barrel Lifting | Design Analysis and detail drawings | 2 | Besufekad Getachew |
| 9 | Design of holding mechanism for welding of containers the in MIE | Design Analysis and detail drawings | 2 | Abrha Gebregergs |
| 10 | Design of maize hulling machine | Design Analysis and detail drawings | 3 | Abrha Gebregergs |
| 11 | Design of reaping machine | Design Analysis and detail drawings | 3 | Abrha Gebregergs |
| 12 | Design of Screw Shaping Machine | Design Analysis and detail drawings | 3 | Abrha Gebregergs |
| 13 | Design of belt for quality control | Design Analysis and detail drawings | 2 | Tadese Gebray |
| 14 | Design of braking system for horse driven carts | Design Analysis and detail drawings | 2 | Tadese Gebray |
| 15 | Design of luxury cart | Design Analysis and detail drawings | 2 | Tadese Gebray |
| 16 | Design of circular cutting machine | Design Analysis and detail drawings | 2 | Tadese Gebray |
| 17 | Uncertainty consideration in the dynamic loading and failure of wind turbine gear box | Design Analysis and detail drawings | 1(Reserved) | Dr.Asfafaw Haileslasie |
| 18 | *Design and modelling of fruit collecting machine (Beles)* | Design Analysis and detail drawings | 2 | Equbamariam Leake |
| 19 | *Design and modelling of oil extracting machine* | Design Analysis and detail drawings | 2(previously done) | Equbamariam Leake |
| 20 | *Design and modelling of street waste collecting machine (sucking type)* | Design Analysis and detail drawings | 2 | Equbamariam Leake |
| 21 | *Design and modelling of pedal operated washing machine* | Design Analysis and detail drawings | 2 | Equbamariam Leake |
| 22 | Design of self-dumping horse driven cart | Design Analysis and detail drawings | 2 | Michael Gebremariam |
| 23 | Design of foldable Mitad stand which mounts on wall | Design Analysis and detail drawings | 2 | Michael Gebremariam |
| 24 | Design of cactus chopping machine | Design Analysis and detail drawings | 2 | Mewael Gebrehiwot |
| 25 | Design of tree trimmer machine | Design Analysis and detail drawings | 1 | Mewael Gebrehiwot |
| 26 | Design and Modeling of  multipurpose Engine Fixture(Case Trans Ethiopia) | Design Analysis and detail drawings | 2 | Zebenay Tamrat |
| 27 | Ergonmic Design and Modeling of Bajaj Seats | Design Analysis and detail drawings | 2 | Zebenay Tamrat |
| 28 | Fatigue analysis of wind pump rotor and shaft | Design Analysis and detail drawings | 2 | Dr. Mulu Bayray |
| 29 | Design improvement of yawing and braking mechanism for wind pump | Design Analysis, detail drawings, and manufacturing | 2 | Dr. Mulu Bayray |