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| **Group 1, Venue A49 - 101** | | | | | | |
|  | **Thesis title** | **Students Name** | **Advisor** | **Examiners** | | **Time** |
| **Document** | **Presentation** |  |
| 1 | Design & development of cabinat solar Grain Drayer (100KG/batch) and experiment performance analysis | 1.Henock G/hiwot  2.Taye Gosa  3.Temesgen Tolcha | Michael G/yes | Petros Gebray  and  Abdulbari Mohammedsalih | 1. Solomon T/Michael (chair person) 2. Petros Gebray 3. Cheruku Srinivas Rao 4. Abdulbari Mohammedsalih | 8:30 am– 8:55 am |
| 2 | Salts and Hydrates Blends Literature Based Study as PCM for TES | 1.Mezekir Tadese | Kibrom G. | 8:55 am– 9:20 am |
| 3 | System design and Modeling of 1kw wind turbine | 1.Bisrat Borsamo  2.Birhanu Guta  3. Biniyam Kenenisa | Fana Filli | 9:20 am– 9:45 am |
| 4 | Design of Solar absorber air conditioning system for tecno library | 1. Enabi Alem  2. Samuel Gebray | Brhane &  Ashenafi | 9:45 am– 10:10 am |
| 5 | Design of solar powered flat plat collector for a pension | 1.Hiwot Haile  2.Ledya Getachew | Getachew Muche | 10:10 am– 10:35 am |
| 6 | Design of Small scale sugar manufacturing plant | 1. Mikiyas Begashaw  2. Mulubrhan Nigussie  3.Semere Tibebu | Getachew Muche | Cheruku Srinivas Rao  and  Solomon T/Michael | 10:50 am– 11:15 am |
| 7 | Biomass power generation for irrigation purpose | 1.Solomon T/haimanot  2.Mebrhatu H/michael | Getachew Muche | 11:15 am– 11:40 am |
| 8 | Design and Comparison small scale manual screw and ram press machine for Jatropha seed processing | 1. Bereket G/yohans 2.Mebrahtom Mokonen  3. Mebrahtom G/michael | Yakob & Kalekristos | 11:40 am– 12:05 am |
| 9 | Analysis of Technical and Economic Feasibility of PV Systems with Storage to Support Electricity for Hotels in Mekelle, Ethiopia | 1.Elias Kefetaw | Kibrom G. | 12:05 am– 12:30 am |
| 10 | Design of Flat plate solar collector for food dryer | 1. Dejen Sahlu  2. Dereje Baye | Brhane &  Ashenafi | 2:00 pm – 2:25pm |
| 11 | Modeling of 6 stroke 3 cylinder engine using CFD | 1.Kibrom Mehari | Dawit A. | 2:25 pm – 2:50 pm |

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| **Group 2, Venue A49 - 102** | | | | | | |
|  | **Thesis title** | **Students Name** | **Advisor** | **Examiners** | | **Time** |
| **Document** | **Presentation** |  |
| 1 | Performance testing of 1kw wind turbine | 1.Girmay Halefom  2.Gezahgn Mengistu | Fana Filli | Ashenafi Kebedom  and  Akatew Haile | 1. Ashenafi Kebedom (chair person) 2. Mulualem G/giorgis (Dr.) 3. Kaushal kishore Shirivastava (Dr.) 4. Kalekrstos G/mariam 5. Akatew Haile | 8:30 am– 8:55 am |
| 2 | Design of Power Generation from Municipal Solid Waste: the case of Mekelle City | 1.Sewite Tadesse  2.Samrawit Teklay  3. Roza Tayework | Kibrom G. | 8:55 am– 9:20 am |
| 3 | Design of parabolic through solar collector for 10KW electricity generations | 1.Biruk Bireda  2.Melisew Mezgeb  3.Solomon Yirga | Solomon T. | 9:20 am– 9:45 am |
| 4 | Design of Solar Air conditioning for surgery room | 1.Mewael Gebre  2.Birkti Wezam  3.Netsanet Girmay | Brhane &  Ashenafi | 9:45 am– 10:10 am |
| 5 | Water treatment using ceramics filters for drinking purpose | 1.Amare Reta  2.Adam Hafte | Kibrom G. | 10:10 am– 10:35 am |
| 6 | Design of power house components of Micro hydropower plant (case study in Adhayelo river) | 1.Elesabeth Fanose  2.G/kidan Getahun  3. Meseret Nuruye | Yakob G. | Kaushal kishore Shirivastava (Dr.)  and  Kalekrstos G/mariam | 10:50 am– 11:15 am |
| 7 | Design of Briquette Making Machine from Rice Husk | 1. Gion Gudaf | Solomon T. | 11:15 am– 11:40 am |
| 8 | Design of threshing machine | 1.T/mariam Lemlem  2.Tesfay Haddis | Dawit Abay | 11:40 am– 12:05 am |
| 9 | Design of gasification based Enjera baking stove(MITAD) | 1.Hagos W/gebriel  2.Habtamu Gizachew  3.Habtamu Hailu | Solomon T. | 12:05 am– 12:30 am |
| 10 | Design of mechanical driven wheat and barley reaper machine | 1.Getachew Kahsu  2.Kelelom Abadi | Dawit Abay | 2:00 pm – 2:25pm |
| 11 | Design of solar water heater for hotels in Mekelle (Ethiopia) | 1.Sofonias Nuredin  2.Elias Fanta | Cheruku Srinivas RAO | 2:25 pm – 2:50 pm |

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| **Group 3, Venue A49 - 103** | | | | | | |
|  | **Thesis title** | **Students Name** | **Advisor** | **Examiners** | | **Time** |
| **Document** | **Presentation** |  |
| 1 | Energy Management of Boiler (in ALTEX) | 1.Birhanemeskel Girmay  2.Bruk Debesay | Getachew Muche | Angesom G/her  and  Fana Filli | 1. Yokob G/yohannes (chair person) 2. Angesom G/her 3. Kallipanappan Meyyappan venkatesan (Dr.) 4. Fana Filli 5. Mulubirhan Tsige | 8:30 am– 8:55 am |
| 2 | Design of Solar powered vehicle for disable person | 1.Tesfabirhan Dado  2. Moti Asfaw  3. Mintesnot Lema | Getachew Muche | 8:55 am– 9:20 am |
| 3 | Design and Modelling of Charcoal Making machine from Agricultural Wastes | 1.Aladin Erku  2.Endalkachew Mulatu | Solomon T. | 9:20 am– 9:45 am |
| 4 | Design of Pedal power hacksaw metal cutter and washing machine | 1.Kassaye Tsegay  2. Hayelom Nega  3. Hintsa Redae | Brhane &  Ashenafi | 9:45 am– 10:10 am |
| 5 | Design of turbine driver pump for irrigation purpose | 1. Kidus Hailay 2. Tesfay Adhana 3. Israel Brhane | Kalekrstos G. | 10:10 am– 10:35 am |
| 6 | Design and Modeling of Multi Fuel Efficient Mitad for Injera Baking | 1. Desalew zegeye  2. Degisew Bekele  3. Meseret Yenet | Solomon T. | Mulubirhan Tsige  and  Yokob G/yohans | 10:50 am– 11:15 am |
| 7 | Dynamic loading and failure of wind turbine gearbox | 1.Amanuel Kassaye | Dr.Asfafaw | 11:15 am– 11:40 am |
| 8 | Design and development of wind powered oil extractor | 1. Daniel Amsalu 2. Gizew Belete | Michael G/yes | 11:40 am– 12:05 am |
| 9 | Design and Modelling of Solar powered Injera Baking Mitad for indoor use | 1. Weldu Tesfay  2. W/kidan G/meskel  3. W/gerima Belay | Solomon T. | 12:05 am– 12:30 am |
| 10 | Modeling of 4 stroke 4 cylinder Diesel engine using CFD | 1.Yeabsra Bekele | Dawit Abay | 2:00 pm – 2:25pm |
| 11 | Design of household based parabolic trough solar thermal cooker | 1.Haftom G/meskel  2.Tamiru Alemneh  3.Engid Sertiye | Solomon T. | 2:25 pm – 2:50 pm |
| 12 | Thermal performance analysis of solar water heater | 1. Dereje Ejera 2. Endalk Muche | Brhane &  Ashenafi | 2:55 pm – 3:20 pm |

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| **Group 4, Venue A49 - 201** | | | | | | | | |
|  | **Thesis title** | **Students Name** | | **Advisor** | **Examiners** | | **Time** | |
| **Document** | **Presentation** |  | |
| 1 | Design of Concrete pipe making machine | | 1. Abrheley Kahsay  2. Abel Dagne  3. Addisu Kahsay | Besufekad G. | Abrha G/gergs  and  Zebenay Teamrat | 1. Abrha G/gergs (chair person) 2. Zebenay Teamrat 3. Ashenafi Atsbeha 4. Getachew Muchie | 8:30 am– 8:55 am | |
| 2 | Design of Pedal powered metal Hacksaw | | 1.Desta syoum  2.Yohans Tesfahun  3.G/hans G/krstos | Dawit Tesfay | 8:55 am– 9:20 am | |
| 3 | Design of pneumatic and manual operated wheel chair | | 1.Misgna Reda  2.Shewit Abrha  3.Degafi Kiros | Tadesse Gebray | 9:20 am– 9:45 am | |
| 4 | Design of a small scaled single toggle jaw stone crusher | | 1.Hagos G/medhin  2.Goitom Fitsum  3. Ebud Fiseha | Equbamariam Leake | 9:45 am– 10:10 am | |
| 5 | Dual operated metal shearing machine | | 1. Zelalem gaym  2. Zablom Desalegn  3. Fitsum Melese | Zenawi G/her | 10:10 am– 10:35 am | |
| 6 | Design and stimulation of automatic solar tracking mechanism | | 1.Kibrom Miruts  2.Natanim wudu  3.Kinfe w/tnsae | Alem Baraki | 10:50 am– 11:15 am | |
| 7 | Design of cool woodwork hydraulic press machine | | 1.Kibrom Kassa  2.H/mariam Hadis  3.Messele Bekuru | Mewael G. | 11:15 am– 11:40 am | |
| 8 | Improvement of yawing and breaking mechanism of wind pump | | 1.Yonas Eshete  2. G/meskel Tsegay | Dr. Mulu B. | 11:40 am– 12:05 am | |
| 9 | Design of pedal operated washing machine | | 1.Haftom Kahsay | Zina G. | Ashenafi Atsbeha  and  Getachew Muchie | 12:05 am– 12:30 am | |
| 10 | Automatic double stroke solid die cold heading machine | | 1. Yishak Sani  2. H/michael Aniley  3. Muluken Demeke | Zina G. | 2:00 pm – 2:25pm | |
| 11 | Design of self-dumping horse driven cart | | 1.G/slassie Tesfay  2. Guash destaalem | Michael G/mariam | 2:25 pm – 2:50 pm | |
| 12 | Design of hydraulic cutter machine | | 1.Seifu Guash  2. Saleamlak Belay | Melaku D. | 2:55 pm – 3:20 pm | |
| 13 | Design of mechanical Vending machine | | 1.Filmon Ataklti  2.Habtom desalegn | Melaku D. | 3:20 pm – 3:45 pm | |
| 14 | Design and Modeling of Manually Operated Barrel Lifting machine | | 1. Tesfu Teklu 2. Kasaye Girmay | Besufekad Getachew | 3:45 pm – 4: 10 pm | |
| **Group 5, Venue A49 - 202** | | | | | | | | |
|  | **Thesis title** | | **Students Name** | **Advisor** | **Examiners** | | | **Time** |
| **Document** | **Presentation** | |  |
| 1 | Valve lapping machine | | 1. Elias Haile 2. Tinsae Negash 3. Fraol Hailu | Abrha G/gergs | Michael G/mariam  and  Redae Alemayehu | 1. Ekqubamariam leake (chair person) 2. Michael G/mariam 3. Redae Alemayehu 4. Tigistu Amare | | 8:30 am– 8:55 am |
| 2 | Design of dual purpose firewood cutting and splitting machine | | 1.Sara Mesfin  2.Selam Nigusse  3.Alemnesh Hailu | Dr. V.N. Banugopan | 8:55 am– 9:20 am |
| 3 | Design of Screw Shaping Machine | | 1.Kidane Teklay  2.Berihu Tesfaye  3.Ashenafi G/libanos | Abrha G/gergs | 9:20 am– 9:45 am |
| 4 | Design of luxury cart | | 1.Mulugeta G/libanos  2.Solomon Teklay | Tadesse Gebray | 9:45 am– 10:10 am |
| 5 | Design and Modeling of  multipurpose Engine Fixture | | 1.Zeray Teklay  2.Grum Asefa | Zebenay Tamrat | 10:10 am– 10:35 am |
| 6 | Design and Modeling of car assembly Mechanism | | 1.Ismail Abdurhaman  2.Kahsay Fitsum  3.Huruy Hailay | Alem baraki | 10:50 am– 11:15 am |
| 7 | Design of sand preparation process machine | | 1.Haben Tewodros  2. Kaleweld Gezahegn | Dr. Senthil Kumar | 11:15 am– 11:40 am |
| 8 | Fatigue load analysis of wind mill rotor and shaft and manufacturing of the shaft | | 1.Filmon Atsbha  2.G/kiros Haile  3.Kahsu Hailu | Dr. Mulu B. | Ekqubamariam leake  and  Ashish Kumar thakur Dr | 11:40 am– 12:05 am |
| 9 | Circular sheet metal cutting machine | | 1.Nahom Alemseged  2. Muruts Berihu | Tadesse Gebray | 12:05 am– 12:30 am |
| 10 | Identifying the dynamic behavior of tube bent after bending | | 1.Brhane tesfay  2. Birhanu Tesfahun  3. Asmelash hadush | Elias Berhe | 2:00 pm – 2:25pm |
| 11 | Design of cactus chopping machine | | 1. Mehari Hanis 2. Teame Hiluf |  | 2:25 pm – 2:50 pm |
| 12 | Design of multipurpose hydraulic press machine | | 1.Ashenafi Belay  2.Daniel Belay | Dr. V.N. Banugopan | 2:55 pm – 3:20 pm |
| 13 | Design and Modeling of Teff Sieving and Blowing Machine for Small Scale Cereal Grinding Shop | | 1. Ybrah G/selama 2. Selam G/kidan | Besufekad Getachew | 3:20 pm – 3:45 pm |

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| **Group 6, Venue A49 - 203** | | | | | | | |
|  | **Thesis title** | **Students Name** | | **Advisor** | **Examiners** | | **Time** |
| **Document** | **Presentation** |  |
| 1 | Design of waste collection vehicle (side loader garbage truck) | | 1.Rahwa Mesoud | Besufekad G. | Mewael G/hiwot  and  Senthil kumar shanmugam | 1. Mewael G/hiwot (chair person) 2. Senthil kumar shanmugam (Dr.) 3. Mesfin Seid 4. Kibrom G/medhin | 8:30 am– 8:55 am |
| 2 | Metal chips compacting machine | | 1.Abdusemed Mustofa  2.Beyene Amare  3.Mohammed Zewde | Abrha G/gergs | 8:55 am– 9:20 am |
| 3 | Design of tube bending Machine | | 1.temesgen gebru  2.H/kiros Tadesse | Abrha G/gergs | 9:20 am– 9:45 am |
| 4 | Braking system for horse drive cart | | 1.H/yesus Tesfaye | Tadesse Gebray | 9:45 am– 10:10 am |
| 5 | Design and modeling of street waste collecting machine (sucking type) | | 1.Fuad Abdulkerim  2. Abdlbar Redwan | Equbemariam | 10:10 am– 10:35 am |
| 6 | Design of special purpose crane for wind turbine installation | | 1.Yonas G/kidan  2. Muna Tuhanur  3.T/Michael Gebru | Alem B. | 10:50 am– 11:15 am |
| 7 | Design of Engine stand | | 1.Abel Shiferaw  2. Abreham Hailu | Mohamed salih | 11:15 am– 11:40 am |
| 8 | Design of hydraulic hoist hook | | 1.Bemnet Brhane  2.Yohannes Bekelle  3.Yonas Arefayne | Besufekad G. | Mesfin Seid  and  Kibrom G/medhin | 11:40 am– 12:05 am |
| 9 | Design of wind operated rope pump | | 1.Henock Yilma  2.Henock abrham  3.Henock Zemikael | Mohammedsalih | 12:05 am– 12:30 am |
| 10 | Design on cable transportation system | | 1.M/melekot TIgabe  2.Hiwot Reta | Dr. V.N. Banugopan | 2:00 pm – 2:25pm |
| 11 | Design of paper cutting and rewinding machine | | 1.Meron Araya  2.Zulfa hussen  3. Mahlet G/mariam | Melaku D. | 2:25 pm – 2:50 pm |
| 12 | Design of Paint mixer machine | | 1.Haftekiros G/michael  2.Halefom Areya | Melaku D. | 2:55 pm – 3:20 pm |
| 13 | Design and modeling of plastic bottle crushing machine | | 1.Binyam Berhe  2. Yonas Hadush  3.Tesfaye Belay | Dr. V.N. Banugopan | 3:20 pm – 3:45 pm |
| 14 | Automatic punching machine for gasket cylinder hed | | 1.Senay Ketema  2.Teketel Tadesse | Dr. V.N. Banugopan | 3:45 pm – 4: 10 pm |

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| **Group 7, Venue A49 - 301** | | | | | | |
| **S/N** | **Thesis title** | **Students Name** | **Advisor** | **Examiners** | | **Time** |
| **Document** | **Presentation** |  |
| 1 | Design of camera Crane | 1.Binyam Daniel  2.Mikias Lulu | Besufekad G. | Zina G/hiwet  and  Tadesse Gebray | 1. Zina G/hiwet (chair person) 2. Tadesse Gebray 3. V.N. Banugopan (Dr.) 4. Mohammedsalih Abdelkadir | 8:30 am– 8:55 am |
| 2 | Extrusion Machine | 1.Abreha Abebe  2.Biniam Eshetu  3.Tigabu Abate | Abrha G/gergs | 8:55 am– 9:20 am |
| 3 | Design of maize thresher machine | 1.Berihu Tesfay  2.Binyam Tesfay  3.Binyam Kassa | Abrha G/gergs | 9:20 am– 9:45 am |
| 4 | Design and modelling of simple mechanical operating cactus fruit collecterg machine | 1.Haile Gesesew  2. Hailu Asefa | Equbemariam L. | 9:45 am– 10:10 am |
| 5 | Design and modeling of pedal operated washing machine | 1. Kedir wedaje 2. Mikias Tamrat | Equbemariam L. | 10:10 am– 10:35 am |
| 6 | Design and model development of fuel briquette making machine | 1. Afwerke Tekulu  2. Yonas Mulu  3. Hadush Mogos | Mebrhit A. | 10:50 am– 11:15 am |
| 7 | Design of cobblestone paving machine | 1.Aron Alemayehu  2.Abenezer Menhaseb  3.Natnael Abera | Abebayehu A. | 11:15 am– 11:40 am |
| 8 | Design of tree trimmer machine | 1.Yoftahay W/giorgis | Mewael G. | 11:40 am– 12:05 am |
| 9 | Design of Automatic solar tracker for parabolic collector of injera backing machine | 1. Binyam Tadros 2. Ataklity Tesfu | Sirak Aregawi | V.N. Banugopan (Dr.)  and  Mohammedsalih Abdelkadir | 12:05 am– 12:30 am |
| 10 | Design of stair climbing wheel chair mechanism | 1.Negasi kiros  2.Nigus Solomon  3.Regasa Bendada | Melaku D. | 2:00 pm – 2:25pm |
| 11 | Design of hydraulic floor crane | 1.Lual Aynimishet  2. Lioule Asrate | Melaku D. | 2:25 pm – 2:50 pm |
| 12 | Designing and modeling of mechanical tire rim separator | 1.Kibrom Abraha  2.Kidane Gebru | Melaku D. | 2:55 pm – 3:20 pm |
| 13 | Design of vertical conveyor elevator for car parking system | 1.Alemtsehay Getachew  2. Burktawit Zeleke | Melaku D. | 3:20 pm – 3:45 pm |

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| **Group 8, Venue A49 - 302** | | | | | | | | | |
| **S/N** | **Thesis title** | **Students Name** | **Advisor** | | **Examiners** | | | **Time** | |
| **Document** | **Presentation** | |  | |
| 1 | Design of reverse gear for two wheelers | Tinsaye Asebe | Dr. Banugopan | Besufekad Getachew  and  Michael G/yesus | | 1. Melaku Desalegn (chair person) 2. Besufekad Getachew 3. Michael G/yesus 4. Krishna Murthy Kyathegowada Dr | 8:30 am– 8:55 am | | |
| 2 | Design and development of double acting water hand pump | 1. Merhawi Ataklti  2. Kibrom Abrehaley | Dr. Banugopan | 8:55 am– 9:20 am | | |
| 3 | Design and modeling of radiator fin punching machine | 1. Mulugeta Nigussie 2. Teklit Kahsay 3. Tadesse Gebeyaw | Abrha G/gergs | 9:20 am– 9:45 am | | |
| 4 | Design of motorcycle suspension members | 1.Melaku Tesfay  2.Leul Kifletsion | Dr. V.N. Banugopan | 9:45 am– 10:10 am | | |
| 5 | Design of IC engine driven wheelbarrow load runner and dumper for 250kg | 1.Robel Abrha  2.Tesfaalem G/her  3.Haben Kidane | Dr. V.N. Banugopan | 10:10 am– 10:35 am | | |
| 6 | Design of waste paper baller machine | 1.ashenafi H/Michael  2.Dawit G/haweria  3.Melaku Chane | Dr. V.N. Banugopan | 10:50 am– 11:15 am | | |
| 7 | Design of waking reaping machine for grain crops | 1.Abrha Mezgebe  2.Abenet Meseret  3. Asgele G/tsadikan | Abrha G/gergs | 11:15 am– 11:40 am | | |
| 8 | Design of holding mechanism for welding container in MIE | 1.Ataklti Ekubazgi  2.Awet Welay | Abrha G/gergs | 11:40 am– 12:05 am | | |
| 9 | Design of belt for quality control | 1.Metkel G/hiwet  2.Kibrom G/hiwet | Tadesse G. | Melaku Desalegn  and  Dawit Abay | | 12:05 am– 12:30 am | | |
| 10 | Design of foldable Mitad stand which mounts on the wall | 1. Benyam hailu 2. Behailu mentesnot | Michael G/mariam | 2:00 pm – 2:25pm | | |
| 11 | Design of rice huller machine | 1.Melaku Zenebe  2.Niguse Mulaw  3.Mehari Medhin | Tadesse G. | 2:25 pm – 2:50 pm | | |
| 12 | Design of screw conveyor machine | 1.Desta Hailu  2.H/kiros Tadele  3.Hagos Yahalashet | Abrha G/gergs | 2:55 pm – 3:20 pm | | |
| 13 | Design and modeling of oil extracting machine | 1.Berihu Kahsay  2.Beakal Shewaye | Equbamariam L. | 3:20 pm – 3:45 pm | | |
| 14 | Design of welding smock sucker machine | . 1. Melisew Alem  2. Meles Kiros  3. Ashenafi Godifay | Eshete K. | 3:45 pm – 4: 10 pm | | |
| **Group 9, Venue A49 - 303** | | | | | | | | | |
| **S/N** | **Thesis title** | **Students Name** | **Advisor** | | **Examiners** | | | | **Time** |
| **Document** | **Presentation** | | |  |
| 1 | Scissor lift with trolley for loading and unloading of material and equipment | 1.Nahom Deribe  2.Rezene W/gebriel  3.Samuel G/tsdik | Dawit Tesfay | Sirak Aregawi  and  Ashish Kumar thakur (Dr.) | | 1. Sirak Aregawi (chair person) 2. Ashish Kumar thakur (Dr.) 3. Dawit Abay 4. Asfafaw H/selassie (Dr.) | | | 8:30 am– 8:55 am |
| 2 | Design of ANFO mixer machine | 1.Hailay G/mariam  2.Teweldebrhan Hayelom  3.Gezae G/kirstos | Abrha G/gergs | 8:55 am– 9:20 am |
| 3 | Manual operated harvesting Machine for wheat and barley | 1.G/Michael K/mariam  2.G/slassie G/medhin | Melaku D. | 9:20 am– 9:45 am |
| 4 | Design of animal drawn inline seeder | 1.Nuru Adem  2.Demeke Tilahun  3.M/kedir M/siraj | Abrha G/gergs | 9:45 am– 10:10 am |
| 5 | Design of Pedal power hacksaw | 1.Ermias G/yesus  2.Fitwi Ayele | Melaku D. | 10:10 am– 10:35 am |
| 6 | Design on Pedal power hack saw | 1.Kidus Hailu  2.Lsanu Tsige  3.Hagos G/kiros | Melaku D. | 10:50 am– 11:15 am |
| 7 | Design of well drilling machine | 1.W/gebriel G/hiwot  2.Yordanos Mekonen | Besufekad Getachew | Dawit Abay  and  Asfafaw H/selassie (Dr.) | | 11:15 am– 11:40 am |
| 8 | Design development for slitting nut skins machine | 1. Fkadu Ashete 2. Eyuyel Hailu 3. Yonas Mulugeta | Redae A. | 11:40 am– 12:05 am |
| 9 | Design and modeling of Honey Extracting Machine | 1.Yonas Lemawork  2. Yonas H/Michael | Girmay | 12:05 am– 12:30 am |
| 10 | Design and Modeling of Manure Spreading Machine | 1.Besrat Galo  2.Dejen Girmay | Besufekad Getachew | 2:00 pm – 2:25pm |
| 11 | Design of box transport mechanism | 1.Seyfe Abeyneyru  2. Araya Tesfahun  3.Teferi Menasbo | Melaku D. | 2:25 pm – 2:50 pm |
| 12 | Design of bus entrance system for disabled people | 1. Yai Bekele 2. Tomas Tekleab | Besufekad G. | 2:55 pm – 3:20 pm |