|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Group 1, venue A50 - 101** | | | | | | |
| **S.No** | **Thesis title** | **Students Name** | **Advisor** | **Examiners** | | **Time** |
| **Paper** | **Presentation** |  |
| 1 | Situational analysis on the profitability in Sheba Leather industry (in case of shoe production section) | 1.Zemzem kemal  2.Rshan G/yesus | Alula G. | Aregawi G/yesus  and  Elias Berhe | 1. Aregawi G/yesus (chair person) 2. T/gabir Kahsay 3. Teklay G/mariam 4. Elias Berhe 5. Eyerusalem Adefris | 8:30 am– 8:55 am |
| 2 | The impact of Corrective maintenance strategy: with reference to MIE | 1.Berihu Tesfay  2. Mahlet Alem  3.Tesfay G/mechael | Hagazi Abrha | 8:55 am– 9:20 am |
| 3 | Investigating Methods to improve Machine production (case: Sur Construction) | 1.Haftu Brhane  2.Eyerusalem Berhanu  3. Berihun Tarekegn | Kidane Gidey | 9:20 am– 9:45 am |
| 4 | The effect of working time on productivity and firm performance (case: MAA-garment & Textile factory) | 1.Ayalew abrha  2.Daniel G/medhin  3. Daniel Beyene | Desta Weldu | 9:45 am– 10:10 am |
| 5 | Use and application of QFD in hospital (case: Ayder Referral Hospital) | 1.Sluss G/tsadik  2. Sisay addisu  3. Berihun G/yohans | Getu Tadesse | T/gabir Kahsay  and  Teklay G/mariam | 10:10 am– 10:35 am |
| 6 | Productivity improvement of SMEs through method study (wood and metal work) | 1.Teklay G/medhin  2. Teklit W/tensae | Mezgebe Atsbha | 10:50 am– 11:15 am |
| 7 | Production system modeling and performance analysis using queusing theory (MAA-garment & textile factory | 1.Shewit Haile  2.Abel Getachew  3.Abel Ambachew | Degene Mengistu | 11:15 am– 11:40 am |
| 8 | Assessment of welding defects in MIE PLC | 1.Kidus T/mariam  2.yassin Mlla  3.Matiyas Shewangzaw | Mebrhit A. | 11:40 am– 12:05 am |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Group 2, Venue A50 - 102** | | | | | | |
| **S.No** | **Thesis title** | **Students Name** | **Advisor** | **Examiners** | | **Time** |
| **Paper** | **Presentation** |  |
| 1 | Identifying potential failure of filler machine using failure mode and effect analysis case study at Moha | 1.Daniel Degefu  2.Zeamn Fisha  3. Samuel Yohannes | Aregawi G. | Mohamed Woyeso and  Negassi G/medhin | 1. Mohamed Woyeso (Chair person) 2. Seyoum Eshetu (Dr.) 3. Eshete Kassegn 4. Negassi G/medhin 5. Andnet Tilahun | 8:30 am– 8:55 am |
| 2 | The role of Micro and small enterprises in the development of Ethiopian Economy (case: coffee house in Mekelle City) | 1.Yigermal Gezahegn  1.Fisahaye Berhe | Tesfagabir | 8:55 am– 9:20 am |
| 3 | Implementation of 5s principles in metal work Enterprise (case: Sami Metal Work enterprise) | 1.Meseret Tadesse  2.Berhe G/medhin  3.Sndu Alemaw | Assefa M. | 9:20 am– 9:45 am |
| 4 | Application of Stastical Quality control techniques in monitoring process of heath care (case: Mekelle general Hospital) | 1.Tsegay Berhe  2.Hadgu Berhe  3.Aklil G/hans | Goytom Desta | 9:45 am– 10:10 am |
| 5 | Minimizing waiting time using queue model during payment time (case: Lehulu Kifiya Mekelle City Sheba branch) | 1. Liya Berhe 2. Dawit Bogale 3. Amanuel Tadele | H/slasie Mehari | Eshete Kassegn    and  Andnet Tilahun | 10:10 am– 10:35 am |
| 6 | The application of Quality Control tools in process Industry (case: Messebo Flexible Packaging Dept) | 1.Yonas Berhe  2.Degen Tagelew  3.Mulugeta Abrha | Desta woldu | 10:50 am– 11:15 am |
| 7 | Assessment on the impact of wastewater to Mekelle city disposed from manufacturing industries(Moha soft drink bottling factory-Mekelle) | 1.Mearg tesfay  2.selam Lijalem  3.Sifligsh Admasu | Hagazi Abrha | 11:15 am– 11:40 am |
| 8 | Improving Hotel service using Quality Function Deployment (case: Desta International Hotel) | 1. Mitiku Balcha  2. Desta Ertiro  3. Tadesse kebede | Ing Aregawi G | 11:40 am– 12:05 am |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Group 3, Venue A50 - 103** | | | | | | |
| **S.No** | **Thesis title** | **Students Name** | **Advisor** | **Examiners** | | **Time** |
| **Paper** | **Presentation** |  |
| 1 | Assessment of purification water using Moringa for the socciety | 1.Efrem Teklay  2. Huruy Fthaneges  3. Mekonen G/her | Ing Aregawi G | Alexander G/medhin  and  Abrha Haile | 1. Alexander G/medhin (chair man) 2. Fasil Tadesse (Dr.) 3. Rezene Kahsay 4. Mebrhit Ambaye 5. Abrha Haile | 8:30 am– 8:55 am |
| 2 | Cost benefit analysis of Solar devise | 1.Brhane Desta  2.desalegn yohanes  3.Gizache Hailu | Ing Aregawi G | 8:55 am– 9:20 am |
| 3 | Root cause analysis to reduce scrap level in process line (case: Moha Soft Drink Factory) | 1.Samuel Berhe  2.Nahom K/maryam  3.Ftsum Araya | Goytom Desta | 9:20 am– 9:45 am |
| 4 | Improving raw materials inventory management system (case: Bruh tesfa) | 1.Medhanye Tadese  2.Ftaneges Mekonen  3.G/mariam Tsehaye | Hagazi Abrha | 9:45 am– 10:10 am |
| 5 | Assessment of existing kaizen (5s) performance evaluation in Garment Industry | 1.Abrehet Hadush  2.Fiyori G/medhin  3.Teberh Assefa | Abrha Haile | 10:10 am– 10:35 am |
| 6 | Economic analysis on Insource and Outsource Garage (case: MU main campus) | 1.Brikty Abraha  2.Hannah H/selasie  3.Mieraf Kahsay | Nigus Haregot | Rezene Kahsay  and  Mebrhit Ambaye | 10:50 am– 11:15 am |
| 7 | Continuous quality improvement study in Biruh Tesfa Irrigation & water Technology factory by using SQC tools | 1.Awet aymut  2.Haftom G/michael  3.Tedros Araya | Desta weldu | 11:15 am– 11:40 am |
| 8 | Increasing productivity using reliability Centered maintenance (case: Messebo) | 1.Tesfay Yirgaw  2.Hagos G/her  3.Tesfay welday | Tesfagabr kahsay | 11:40 am– 12:05 am |
| 9 | Design and development of engine stand | 1.H/mariam G/medhin  2.Tadesse G/meskel  3.Hadush Tesfay | Tesfagabr kahsay |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Group 4, Venue A50 - 201** | | | | | | |
| **S.No** | **Thesis title** | **Students Name** | **Advisor** | **Examiners** | | **Time** |
| **Paper** | **Presentation** |  |
| 1 | Implementation of 7QC tools using PDCA based on kaizen approach. | 1.Genet G/yesus  2.Fitsum Tadele  3.Kibat G/mikael | Desta weldu | H/kiros Sibhatuo  and  Dejene Mengistu | 1. Mengistu Ashebir (chair person) 2. H/kiros Sibhatu 3. Mezgebe Atsbha 4. Dejene Mengistu 5. Hagazi Abrha 6. Getu Tadesse | 8:30 am– 8:55 am |
| 2 | Use and application of QFD in hospital |  |  | 8:55 am– 9:20 am |
| 3 | Application of Quality Function Deployment in service industry (case: CBE) | 1.H/mariam G/her  2.Mengistu Alemu  3.Rigbe Halefom | Goytom Desta | 9:20 am– 9:45 am |
| 4 | Lean manufacturing and its role in competitive advantage of textile factories (case: MAA Garment and textile factory) | 1.Wiliam Kiros  2.Yohannes Alem  3.Zinabu G/gergis | Eshete Kasegn | 9:45 am– 10:10 am |
| 5 | Identifying and study the cause of defects of plastic tubes in HDPE 01 (hosting company: Bruh Tesfa Irrigation and water Technology) | 1.Haftom Girmay  2.G/tsadik G/medhin  3.Guesh Haile | Elias Berhe | Mezgebe Atsbha  and  Hagazi Abrha | 10:10 am– 10:35 am |
| 6 | Application of Total productive maintenance overall equipment effectiveness (hosting company: Moha soft drink SC) | 1.Bereket Hailay  2.Dawit Berhe  3.Mengsteab Luel | Assefa Misgun | 10:50 am– 11:15 am |
| 7 | Application of SQC technique for Plastic pipe defect minimization (case: Bruh Tesfa) | 1.Abduselam jemal  2.tesfahun Shemeles  3.Meresa hagos | Goytom Desta | 11:15 am– 11:40 am |
| 8 | Productivity improvement through line balancing in man track assembly (case MIE plc) | 1.Assefa Godify  2.Abrham Abera  3.Haile Atsbeha | Abrha Haile | 11:40 am– 12:05 am |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Group 5, Venue A50 - 202** | | | | | | |
| **S.No** | **Thesis title** | **Students Name** | **Advisor** | **Examiners** | | **Time** |
| **Paper** | **Presentation** |  |
| 1 | Development of improved layout and assessing its impacts on productivity (case: Bruh Tesfa irrigation and water technology plc) | 1.Abrhaley Muruts | Mbrhit A. | Alula G/esas  and  Desta Weldu | 1. Alula G/esas (chair person) 2. Nigus Haregot 3. H/slassie Mehari 4. Desta Weldu 5. Belay Mihrete | 8:30 am– 8:55 am |
| 2 | Productivity enhancement through line balancing in Garment (sewing section) | 1.Zemenawit Moges  2.Redete Teshome | Abebayehu Abdela | 8:55 am– 9:20 am |
| 3 | Design modification of roller conveyor at the material preparation shop of MIE | 1.Amanuel T/Michael  2.Andnet Thomas  3.Antenayehu Abebe | Mbrhit A. | 9:20 am– 9:45 am |
| 4 | Quality improvement of plastic tube HDPE-02 (hosting company: Bruh Tesfa) | 1.Dawit Woldu  2.Tsegay G/meskel | Elias Berhe | 9:45 am– 10:10 am |
| 5 | Improving of preventive maintenance planning (Desta Alcohol and Liquors factory) | 1.Yared Gidey  2.Guash Tsegay  3. Samuel Mokenen | Elias Berhe | Nigus Haregot  and  Desta Weldu | 10:10 am– 10:35 am |
| 6 | Analyzing production down time case study at Messebo cement factory | 1.Haftamu Birhanu  2.Taddele G/yohannes  3.Berhe Redae | Teklay G/mariam | 10:50 am– 11:15 am |
| 7 | Process monitoring using statistical process control tools at Moha soft drink industry | 1.Dawit G/yohannes  2.Desu bedada  3.Zekarias Assefa | Goytom Desta | 11:15 am– 11:40 am |
| 8 | Kaizen implementation system development in United steel and Metal industry | 1.Hiwot Amdu  2.Meron Teklu  3.Hafte Kasahun | Mebrhit A. | 11:40 am– 12:05 am |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Group 6, Venue A50 - 203** | | | | | | |
| **S.No** | **Thesis title** | **Students Name** | **Advisor** | **Examiners** | | **Time** |
| **Paper** | **Presentation** |  |
| 1 | Evaluation and improvement of productivity in Ethiopian Postal Service using Simulation | 1.Abera Ebabu  2.Kaleab belay  3.Yared G/ezgi | Syum Eshetu (Dr.) | Tsegay tesfay  and  Goitom Desta | 1. Tsegay tesfay (chair person) 2. Assefa Misgun 3. Abebayehu Abdela 4. Goitom Desta 5. Meagisteab Mulealem | 8:30 am– 8:55 am |
| 2 | Assessment and comparison of quality in Raya natural spring water with competitors using QFD | 1.Mieraf G/meskel  2.Benat Abdu | Ing. Aregawi G/yesus | 8:55 am– 9:20 am |
| 3 | Assembly line balancing using simulation and modeling technique in MAA sewing section  (case: MAA and textile factory) | 1.H/mariam Nigus  2.Hagos Kahsay  3.Yared hagos | Mohammed Woyeso | 9:20 am– 9:45 am |
| 4 | Service system modeling and performance analysis using Queuing theory (case: MU main campus clinic) | 1.solomon Mekonen  2.zelalem arega  3.Robel Haregot | Degene Mengistu | 9:45 am– 10:10 am |
| 5 | Productivity improvement in micro and small enterprise in Mekelle city (case: Keder, L/mariam & mulu metal work enterprise) | 1.Million Demeke  2.Gebru W/haweria  3.Hiluf G/giorgis | Tesfagabir Kahsay | Assefa Misgun  and  Abebayehu A. | 10:10 am– 10:35 am |
| 6 | Reducing Quality of defects in MIE PLC | 1.G/medhin G/hiwet  2. G/slassie G/tsadik  3.T/Michael G/medhin | H/slassie Mehari | 10:50 am– 11:15 am |
| 7 | Improving productivity by minimizing wastages (case: MAA germent and textile knitting section) | 1. Hailay abrha  2.G/her kidane  3. Haftom Grum | Andnet T. | 11:15 am– 11:40 am |
| 8 | Minimizing the operation time of dry cargo draw bar trailer using line balancing (case: MIE) | 1.G/hiwot Hagos  2.Kelali equar  3.Welday Melkamu | Telay G/mariam | 11:40 am– 12:05 am |