

Tribhuvan University
INSTITUTE OF ENGINEERING
Central Campus, Pulchowk
Department of Mechanical Engineering
M.Sc. Engineering in Energy Systems Planning and Management

Final Year Thesis 071 Batch

S/N	CRN	Name of Student	Title of the MSc Thesis Resarch	Name of Supervisor/s
1	071/MSE/552	Amar Baral	Demand Side Management in Noodles industry in Nepal in consistent with Sustainable Consumption and Production	Dr. Rajendra Shrestha (9841377358) rsfluid@hotmail.com Dr.Ishwor Bajracharya (9860857448) iswor1@yahoo.com
2	071/MSE/553	Anup Nepal	Simulation of Water Resources through WEAP model: A Case study of Melamchi Project	Prof. Ram Chandra Sapkota (9851132265) rc.sapkota1@gmail.com Dr.Ishwor Bajracharya (9860857448) iswor1@yahoo.com
3	071/MSE/554	Aprin Bajracharya	Transport Sector Energy Planning by Network Analysis	Prof. Dr. Amrit Man Nakarmi (9841333906) nakarmiamrit@gmail.com
4	071/MSE/555	Bikal Adhikari	Solar Electricity from Room to Kitchen: A Case of Kathmandu Valley	Prof. Dr. Jagan Nath Shrestha (9849246889) shresthaj@gmail.com Dr.Shree Raj Shakya (9818714954) shreerajshakya@ioe.edu.np
5	071/MSE/556	Biswambhar Panthi	Implementing PV as a Source of Energy in Banking Sector of Kathmandu Valley	Dr. Nawaraj Bhattarai (9841344978) bnawraj@yahoo.com
6	071/MSE/557	Bishal Lamichhane	Transmission loss Minimization based on Optimal Flow using Generic Algorithm: A Case of INPS	Mr. Mahesh Chandra Luintel (9841256820) mcluintel@ioe.edu.np
7	071/MSE/558	Deependra Prasad Yadav	Analysis of Building Energy Consumption Parameters and Energy Savings for Department Store	Dr. Sushil Bajracharya (9851065308) sushil_bajracharya@hotmail.com Mr.Sudeep Bhattarai (9860026391) sudip@ioe.edu.np
8	071/MSE/559	Milan Shrestha	Energy Demand and Supply Analysis of the Hospital Sector of Kathmandu Valley	Prof. Dr. Bhakta B. Ale (9841227274) bhaktaale@yahoo.com Mr.Rudramani Ghimire (9851139295) rghimire@ioe.edu.np

S/N	CRN	Name of Student	Title of the MSc Thesis Research	Name of Supervisor/s
9	071/MSE/560	Milana Prajapati	A Study on Techno-Economic Analysis of Grid Tied Solar Rooftop with Battery Backup on Residential Sector considering Net Metering (A Case Study on Proposed Area of One Housing Sector)	Prof. Dr. Bharat Raj Pahari (9851108579) brpharai@ioe.edu.np Dr.Shree Raj Shakya (9818714954) shreerajshakya@ioe.edu.np
10	071/MSE/561	Nirmal Silwal	An Integrated Analysis of Energy Environment and Economics during Graduation of Nepal to Developing Country	Dr. Shree Raj Shakya (9818714954) shreerajshakya@ioe.edu.np
11	071/MSE/562	Prashant Raj Neupane	CO2 Emission of Hotel Industry in Nepal: A Case Study and Scenario Analysis	Dr. Laxman Poudel (9856023822) p12_laxman@yahoo.com
12	071/MSE/563	Pratichhya Pradhan	Effect of Fid in Tariff system in the Resedential Energy Sector	Dr. Sanjeeb Maharjan (9843240144) sanjeevworld@yahoo.com
13	071/MSE/564	Rabindra Kumar Maratha	Techno-economic Study of Mini-grid Solar PV system for selected district of State 2 of Nepal	Dr. Ajay Kumar Jha (9841323147) ajaykumar_521@yahoo.com
14	071/MSE/566	Sagar Dhakal	Techno- economic Study of Pilot Installation of Gravitational Water Vortex Low Head Turbine: Case Study of Irrigation Canals	Prof. Dr. Tri Ratna Bajracharya (9851037988) triratna@ioe.edu.np
15	071/MSE/567	Santosh Prasad Pant	Study on the Impact of Integrating Bulk Solar PV into the Existing Utility Grid at different Penetration Level	Dr. Shree Raj Shakya (9818714954) shreerajshakya@ioe.edu.np
16	071/MSE/568	Shiv Ram Tamrakar	Techno Financial Comparision of Haledi Naubise New Hetauda and Naubise New Damauli and New Butawal 400 kV Transmission Line	Mr.Rajesh Kaji Kayastha (9851035300) mmtnepal@hotmail.com
17	071/MSE/569	Subash Gautam	Study on the Integrated Grid-Solar Charging Stations for Electric Taxi in Kathmandu Valley	Prof. Dr. Jagan Nath Shrestha (9849246889) shresthajng@gmail.com