

**Tirbhuvan University**  
**of Engineering, Pulchowk Campus**  
**M.Sc. Engineering MSE**  
**Thesis Proposal Defense**

<b>S. N</b>	<b>Thesis Title</b>	<b>Roll No.</b>	<b>Student Name</b>	<b>Time &amp; Date</b>
1	Analysis of Reliability Indices for Micro Hydro based Mini Grid in Baglung	071/MSR EE/501	BASUDEV GAUTAM	<b>2072/11/2</b> <b>14 Feb. 2016</b> <b>10:30</b>
2	Performance evaluation of CSEB and its comparison with traditional bricks	071/MSR EE/502	BISHNU HARI BHATTARAI	<b>2072/11/2</b> <b>14 Feb. 2016</b> <b>11:00</b>
3	Design, Fabrication and performance testing of parabolic Solar dish steam generator for small scale industries in Nepal	071/MSR EE/503	BISHWOR RAM RARAJULI	<b>2072/11/2</b> <b>14 Feb. 2016</b> <b>11:30</b>
4	Simulation Based Analysis of Solar Thermal systems for Building Heating and Cooling Application	071/MSR EE/505	MANOJ PAUDEL	<b>2072/11/2</b> <b>14 Feb. 2016</b> <b>12:00</b>
5	Improving the Performance of PEM Fuel Cells by Changing Coating materials, A case study of Microbial Fuel Cells	07/MSR EE/506	NISWAN DHAKAL	<b>2072/11/2</b> <b>14 Feb. 2016</b> <b>12:30</b>
6	Analysis of Wind-Solar hybrid System in Nepal using parametric approach	071/MSR EE/508	PUKAR ACHARYA	<b>2072/11/2</b> <b>14 Feb. 2016</b> <b>1:00</b>
7	Effect of Binder and particle Size on Physical and Thermal Properties of Beehive Briquettes	071/MSR EE/509	PUSHKAR BHATTARAI	<b>2072/11/2</b> <b>14 Feb. 2016</b> <b>2:00</b>
8	Analysis of Impact of Solar PV Power integration to National Grid	071/MSR EE/515	SUJAN KOIRALA	<b>2072/11/2</b> <b>14 Feb. 2016</b> <b>2:30</b>
9	Performance Improvement options for Biomass Improved Cook stoves and Potential Financing under Market/ Non-Market Mechanisms for Improved Cook stoves Programme	071/MSR EE/519	UMESH SHARMA	<b>2072/11/2</b> <b>14 Feb. 2016</b> <b>3:00</b>
10	Co digestion of sludge with cow dung and fruit waste.	071/MSR EE/518	SUSMA POUDEL	<b>2072/11/2</b> <b>14 Feb. 2016</b> <b>3:30</b>
11	Optimization for up-gradation of Small Hydropower Station in Nepal: A Case study of Sundarijal Hydropower Station	071/MSR EE/514	PRAHLAD RAUT	<b>2072/11/2</b> <b>14 Feb. 2016</b> <b>4:00</b>
12	Performance Evaluation of Francis Turbine using thermodynamics Analysis : A Case Study of Kali Gandaki A	071/MSR EE/514	SHIVA KUMAR THAPA	<b>2072/11/2</b> <b>14 Feb. 2016</b> <b>4:30</b>

	Hydropower Plant			
13	System Designation of institutional biogas plant at Sundarijal Arsenal Army Barrack	071/MSR EE/512	SAROJ MAN TAMRAKAR	<b>2072/11/2</b> <b>14 Feb. 2016</b> <b>5:00</b>
14		071/MSR EE/516	Suyita Thakali	<b>2072/11/2</b> <b>14 Feb. 2016</b>
15	Impact of High PV penetration on voltage profiles in particular radial distribution network in Kathmandu	071/MSR EE/513	Shishir Lamsal	<b>2072/11/2</b> <b>14 Feb. 2016</b>
16	Techno-Economic feasibility study on energy injection into INPS through rooftop solar PV in ward no.10 of Kathmandu metropolitan city	071/MSR EE/517	Suraj Dahal	<b>2072/11/2</b> <b>14 Feb. 2016</b>

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**Final Thesis Defense**

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1	Testing and Modification of Chinese model(HX-20) Institutional gasifier stove in the Contest of Nepal	069/MSREE/502	BASANT KUMAR	Prof. Dr. Bhakta Bdr Ale  <b>Dr. Krishna Raj Shrestha</b>	Dr. Ramesh Man Singh	<b>2072/10/24</b> <b>7 Feb. 2016</b> <b>3:00</b>
2	Effects of Dust Accumulation on Efficiency of Solar Photovoltaic Panels for Street Lighting Purpose	070/MSREE/504	BASANT RAJ PAUDYAL	Dr. Shree Raj Shakya	Dr. Suresh Kumar Dhungel	<b>2072/10/24</b> <b>7 Feb. 2016</b> <b>5:00</b>
3	Estimation of Global Solar Radiation using Artificial Neural Network in Kathmandu, Nepal	070/MSREE/507	KULCHANDRA PANTHEE	Dr. Ajay Kumar Jha	Mr. Jiwan Mallik	<b>2072/10/24</b> <b>7 Feb. 2016</b> <b>4:00 PM</b>
4	Preparmance Evaluation of Domestic rice husk gasifier Stove (Belonio type) and Study on modification of Design for different Biomass	070/MSREE/511	PITMBER BHUSAL	Prof. Dr. Bhakta Bdr Ale  Dr. Ramesh Man Singh	<b>Dr. Krishna Raj Shrestha</b>	<b>2072/10/24</b> <b>7 Feb. 2016</b> <b>6:00</b>
5	Demand Side Management Options for Electricity in Nepal using Multi-criteria Decision Analysis	070/MSREE/519	Suman Shrestha	Prof. Dr. Amrit Man Nakarmi	Mr. Surendra Rajbhandari	<b>2072/10/24</b> <b>7 Feb. 2016</b> <b>7:00</b>

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1	Energy Demand Analysis of Shopping mall With Theater in Kathmandu Valley	070/MSE/554	KIRAN BABU SUBEDI	Dr. Rajendra Shrestha	<b>Er. Resha Piya</b>	<b>2072/10/24 7 Feb. 2016 10:30</b>
2	"Future Energy Seenaious of Nepal : RET Policy Options for Commercial Sector"	070/MSE/553	ANZOO SHARMA	Prof. Dr. Amrit Man Nakarmi	<b>Mr. Kul Man Ghising 11:30</b>	<b>2072/10/25 8 Feb. 2016</b>
3	Integration of Climate Change Impact Assessment in Hydropower Planning of Nepal : A Case Study of Kaligandaki Groge HP"	070/MSE/559	RAKESH SAHUKHAL	Prof. Dr. Tir Ratna Bajracharya	Er. Biplav Kafle <b>10:30</b>	<b>2072/10/25 8 Feb. 2016</b>

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Mid Term Thesis Defense**

<b>S. N</b>	<b>Thesis Title</b>	<b>Roll No.</b>	<b>Student Name</b>	<b>Supervisor</b>	<b>Time &amp; Date</b>
1	Passive Solar Building Design Strategies in Lalitpur , Pokhara & Dharan Cities of Nepal	<b>070/MSE/558</b>	<b>Prativa Lamsal</b>	Dr. Sushil B. Bajrachary	<b>2072/10/25 8 Feb. 2016 2:30</b>
2	Techno-Economics Analysis of Charcoal Retort	<b>070/MSE/563</b>	<b>SARJAN MAHARJAN</b>	Prof. Dr. Bhakta Bdr Ale	<b>2072/10/25 8 Feb. 2016 1:00</b>
3	Techno economic analysis of second cross border transmission line: Bardaghat to Gorakhpur	<b>070/MSE/564</b>	<b>SAROJ SHRESTHA</b>	<b>Dr. Nawraj Karki</b>	<b>2072/10/25 8 Feb. 2016 1:45</b>
4	Energy Efficient Building Solution for Sustainable Urban Housing Development in Kathmandu Valley –A case study of CFS- Zero Energy Building	<b>070/MSE/567</b>	<b>Sundar Lakhe</b>	Prof. Dr. Bharat Raj Pahari	<b>2072/10/25 8 Feb. 2016 3:15</b>

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**Final Thesis Defense**

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1	Implementation of Decision Engineering tool on International Destination Selection in Aviation	070/MSTIM/153	KRISHNA P GAIHRE	Dr. Shree Raj Shakya	<b>Mr. Brihat Man Tuladhar</b>	<b>2072/10/27 10 Feb. 2016 2:00</b>
2	Modification of Jatropa Pressure Jet stove and local level Trans-etherification mechanism using Methanol and Sodium Hydroxide	070/MSTIM/155	PARITOSH LAL SHRESTHA	Dr. Ajay Kumar Jha	<b>Dr. Gajendra Sharma</b>	<b>2072/10/27 10 Feb. 2016 3:00</b>

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1	Community and Ecology Based Adaptation (CEBA) Measures of Agriculture System in Upper Mustang	070/MSTIM/164	SURESH PRASAIN	Prof. Dr. Bal Krishna Sapkota Prof. Dr. Dinesh Bhujju	<b>2072/10/27 10 Feb. 2016 1:30</b>

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1		069/MSTIM/15 4	Bipin Gyawali		<b>2072/10/27</b> <b>10 Feb. 2016</b>
2	Assessment of Software Process Improvement (SPI) based on Capability Maturity Model Integration (CMMI-DEV) in Nepalese Software Enterprises	069/MSTIM/16 1	Pukar Thapa	Dr. Arun Timalsina	<b>2072/10/27</b> <b>10 Feb. 2016</b> <b>1:00</b>
3	Community and Ecology Based Adaptation (CEBA) Measures of Agriculture System in Upper Mustang	070/MSTIM/16 4	SURESH PRASAIN	Prof. Dr. Bal Krishna Sapkota Prof. Dr. Dinesh Bhujju	<b>2072/10/27</b> <b>10 Feb. 2016</b> <b>1:30</b>