

LIST OF THESIS OF ELECTRICAL ENGINEERING DEPARTMENT
MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY, JAMSHORO

Batch	Title	Supervisor & Co-Supervisor	
04EL	Control and Protection System	Prof. Dr. Muhammad Khan Burdi	Engr. Muhammad Rashid Memon
04EL	Modern Protection Method of Synchronous generator	Prof. Dr. Muhammad Khan Burdi	Engr. Aamir Mahmood Soomro
04EL	Protection against switching surges and lightning phenomenon	Prof. Agha Zafarullah Pathan	Engr. Mokhi Maan
04EL	Generator Protection of GTPS and its controller by WINCC SCADA System	Prof. Agha Zafarullah Pathan	Engr. Aijaz Ahmed Rajper
04EL	Technical Report on protection scheme of thermal Power House , Jamshoro	Prof. Agha Zafarullah Pathan	Engr. M. Jibran Siddiqui
04EL	Design & fabrication of high Impedance fault locator	Prof. Abdul Qadir Chang	Engr. Mokhi Maan
04EL	Design principles of M.V & L.V Electrification Multistory Buildings	Prof. Abdul Qadir Chang	Engr. M. Jibran Siddiqui
04EL	Study and analysis of Causes of faults in distribution transformers and design of microcontroller protection scheme.	Prof. Abdul Qadir Chang	Engr. M. Jibran Siddiqui
04EL	Harmonic analysis of the power system by using MATLAB.	Prof. Dr. Muhammad Rafique Abro	Dr. Zubair Ahmed Memon
04EL	Management and extending life of Transformer	Prof. Dr. Muhammad Aslam Uqaili	Engr. Abdul Jabbar Memon
04EL	IT Application in Reduction of Distribution Losses of HESCO	Prof. Mushtaq Ahmed Mirani	Engr. M. Jibran Siddiqui
04EL	Energy Crisis in Pakistan	Prof. Mushtaq Ahmed Mirani	Engr. M. Jibran Siddiqui
04EL	Study of SCADA System in RCC Jamshoro	Prof. Badar-ul-Haq Baloch	Engr. Abdul Ghaffar Tunio
04EL	Comprehensive Study of Concentrated Solar Power	Engr. Anwer Ahmed Memon	Engr. Abdul Ghaffar Tunio
04EL	Solar Power Satellite	Engr. Anwer Ahmed Memon	Engr. Aamir Mahmood Soomro
04EL	PLC and its Applications	Dr. Zubair Ahmed Memon	Engr. Amir Mahmood Soomro
04EL	Comprehensive Study of High Voltage DC Transmission System	Engr. Noor Nabi Shaikh	Engr. Amir Mahmood Soomro
04EL	Causes and improvement of voltage Drop at 11KV Feeder	Engr. Noor Nabi Shaikh	Engr. Muhammad Rashid Memon

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Batch	Title	Supervisor & Co-Supervisor	
05EL	Technical Energy Loss Analysis of DUABA Feeder HESCO	Prof. Agha Zafarullah Pathan	Engr. Noor Nabi Shaikh
05EL	Reducing Faults in Power Distribution Transformers of City Thatta	Engr. Anwar Ahmed Memon	Engr. Faheemulhah Shaikh
05EL	Comprehensive Study of Power Generation from Non-conventional Fuel Sources (Wind, Solar, Bio-Gas) and their scenario in Pakistan	Prof. Agha Zafarullah Pathan	Engr. Aamir Mahmood Soomro
05EL	Underground Distribution System and its Application in MUET	Prof. Agha Zafarullah Pathan	Engr. Mokhi Maan
05EL	A Comprehensive study of Interconnection of Power Grids	Prof. Agha Zafarullah Pathan	Engr. Noor Nabi Shaikh
05EL	Technical study of Electric system at Bhit Gas Field	Prof. Agha Zafarullah Pathan	Engr. Aamir Mahmood Soomro
05EL	Comprehensive study of Wind Power Generation	Prof. Agha Zafarullah Pathan	Engr. Mokhi Maan
05EL	Conservation and Optimum utilization of Electrical Energy	Prof. Agha Zafarullah Pathan	Engr. Mokhi Maan
05EL	Power Generation from Thar Coal	Prof. Mushtaq Ahmed Mirani	Engr. Mokhi Maan
05EL	Matlab/ Simulink based Simulation and Response analysis of Auto Voltage Regulator(AVR) by using PID Controller	Prof. Agha Zafarullah Pathan	Engr. Mansoor Ahmed Soomro
05EL	Voltage Regulation through distributed Generation	Prof. Mushtaq Ahmed Mirani	Engr. Aamir Mahmood Soomro
05EL	Analysis , Modelling and Detection of Symmetrical and Single Line to Ground faults on Power system	Prof. Mushtaq Ahmed Mirani	Engr. Aamir Mahmood Soomro
05EL	Renewable energy and hybrid system between Wind and PV Cell	Prof. Mushtaq Ahmed Mirani	Engr. Noor Nabi Shaikh
05EL	Protection and operation of Overhead Transmission Line	Prof. Dr. Muhammad Aslam Uqaili	Engr. Aamir Mahmood Soomro
05EL	To Canvas troubleshooting proficiencies and preventive maintenance program for electrical equipments	Engr. Noor Nabi Shaikh	Engr. Riaz Ahmed Abassi
05EL	Comprehensive study on benefits of using Flexible AC Transmission System(FACTS) Controllers	Engr. Noor Nabi Shaikh	Engr. Mokhi Maan
05EL	Protection of Squirrel Cage induction motor (SCIM) Against Single-Phasing Reversing Under and Over Voltages	Engr. Noor Nabir Shaikh	Engr. Mansoor Ahmed Soomro
05EL	Comprehensive study of Voltage Sags	Engr. Noor Nabi Shaikh	---
05EL	Power Factor improvement of electric utility system	Prof. Agha Zafarullah Pathan	Engr. Noor Nabi Shaikh
05EL	The study of Switchgear Equipments manufactured and provided by Siemens karachi	Prof. Mushtaq Ahmed Mirani	Engr. Danish Baig Manager (PRD)

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Batch	Title	Supervisor & Co-Supervisor	
06EL	Application of PLC Simulator	Prof. Badar-ul-Haq Baloch	---
06EL	Hybrid Insulated Subscale	Engr. Anwar Ali Sahito	Mahesh Kumar
06EL	Instrumentation and Control of Fertilizer Industry	Prof. Mushtaq Ahmed Mirani	Engr. Miss Hafza
06EL	Design of Wind Power Plant	Prof. Mushtaq Ahmed Mirani	---
06EL	Study of Harmonics and Its Impact on Power System Protection	Engr. Anwar Ali Sahito	Engr. Amir Mahmood Soomro
06EL	Improvement of Transient Stability of Power System Using SVC	Prof. Dr. Abdul Sattar Larik	Engr. Faheemullah Shaikh
06EL	Grounding of 500KV Grid Station	Prof. Agha Zafarullah Pathan	Engr. Abdul Latif Samoon
06EL	Swift gear Qasimabad Grid Station	Engr. Noor Nabi Seikh	Engr. Muhammad Rashid Memon
06EL	Instrument Control of Industry	Engr. Mokhi Maan	Engr. Aijaz Ahmed Rajper
06EL	Practical Analysis of 132/111KV Grid Station Latifabad	Prof. Mushtaq Ahmed Mirani	Engr. Amir Mahmood Soomro
06EL	Integration of renewable energy resources for power generation	Engr. Amir Mahmood Soomro	Engr. Abdul Latif Samoon
06EL	To Study of Thermal Power Station Jamshoro	Engr. Anwar Ahmed Memon	Engr. Mahesh Kumar
06EL	Energy Situation in Pakistan	Prof. Mushtaq Ahmed Mirani	Engr. Amir Mahmood Soomro
06EL	Study of Power Quality and its Impact on protective devices	Engr. Noor Nabi Shaikh	Engr. Muhammad Rashid Memon
06EL	Comprehensive Study of Solar Power Plant	Prof. Mushtaq Ahmed Mirani	Engr. Amir Mahmood Soomro
06EL	Power Quality monitoring	Engr. Amir Mahmood Soomro	Engr. Mumtaz Solangi
06EL	Study of Electrical Power distribution of Engro Assahii Polymers Chemical LTD Pak	Engr. Amir Mahmood Soomro	Engr. Mumtaz Solangi
06EL	Analysis of Transients in power System	Engr. Mokhi Maan	---
06EL	Load flow Analysis of Southern region and its simulation	Engr. Anwar Ahmed Memon	Engr. Mahesh Kumar
06EL	Industrial Automation?	Engr. Anwar Ahmed Memon	---
06EL	Protection of Power System against Switching Surges and Lightning Over Voltages	Engr. Amir Mahmood Soomro	Engr. Mokhi Maan
06EL	Study of Automatic Distribution Feeder Voltage Regulation	Prof. Agha Zafarullah Pathan	---

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MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY, JAMSHORO

Batch	Title	Supervisor & Co-Supervisor	
07EL	Energy Efficiency Improvement of Induction Motors	Prof. Mushtaq Ahmed Mirani	Engr. Mahesh Rathi
07EL	Comparative Analysis of DCS & SCADA Systems by their practical applications	Prof. Mushtaq Ahmed Mirani	Engr. Faheemullah Shaikh
07EL	Application of Solar Energy in Sindh	Prof. Mushtaq Ahmed Mirani	Engr. Faheemullah Shaikh
07EL	Application of DSM in HESCO for Load Management	Prof. Dr. Muhammad Aslam Uqaili	Engr. Hakeem Memon
07EL	Study of Digital Relays for Power System Protection	Prof. Agha Zafarullah Pathan	Engr. Nizamuddin Channa
07EL	Study of Power Wastage in HESCO	Prof. Agha Zafarullah Pathan	Engr. Mokhi Maan
07EL	Mitigation of Harmonics in Power System	Prof. Agha Zafarullah Pathan	Engr Mokhi Maan & Engr. Farooq Bijarani
07EL	Protection of Synchronous Generator	Engr. Anwer Ahmed Memon	Engr. Abdul Jabbar Memon
07EL	Applications of HVDC in Power System Enhancement	Engr. Anwer Ahmed Memon	Engr. Abdul Latif Samoon
07EL	Design & Fabrication of 1000 watt Online Un Interruptible Power Supply	Prof. Dr. Abdul Sattar Larik	Engr. Mahesh Rathi
07EL	Design and Programming of PLC for Industrial Control Applications	Prof. Dr. Abdul Sattar Larik	Engr. Abdul Latif Samoon
07EL	Maintenance and Fault Detection of Underground Cables. A Case Study of MUET Cable System	Dr. Syed Asif Ali Shah	Engr. Mansoor Ahmed Soomro
07EL	Study of CO ₂ Emissions from Power Generation-Global Perspectives	Dr. Syed Asif Ali Shah	Engr. Parvez Seikh & Engr Faheemullah Shaikh
07EL	Design & Fabrication of Generator Excitation Controller (AVR)	Engr. Noor Nabi Shaikh	Engr. Nizamuddin Channa
07EL	Design of Generator Differential Protection System	Engr. Noor Nabi Shaikh	Engr. Abdul Hakeem Memon
07EL	Power Electronic Control Of Industrial Motors	Dr. Mukhtiar Ahmed Mahar	Engr. Abdul Latif Samoon
07EL	Modelling & Simulation of Power Electronic Converters	Dr. Mukhtiar Ahmed Mahar	Engr. Mansoor Ahmed Soomro
07EL	Use of Infrared Thermo-graphing for Maintenance of Distribution System	Engr. Anwer Ali Sahito	Engr. Shah Murad Tunio
07EL	Analysis the causes & effects of Protection Failure due to Distributed Generation Interconnection	Engr. Anwer Ali Sahito	Engr. Mahesh Kumar
07EL	Performance Analysis of Micro Processor based Protection of 500 KV Grid station Jamshoro	Engr. Anwer Ali Sahito	Engr. Farooq Ahmed Bijarani

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Batch	Title	Supervisor & Co-Supervisor	
08EL	Simulation modelling and experimentation of distribution transformer.	Prof. Dr. Abdul Sattar Larik	Dr. Mukhtiar Ahmed Mahar
08EL	Critical analysis of capacitor on low voltage system	Prof. Mushtaq Ahmed Mirani	Engr Parvez Hameed Shaikh
08EL	Protection of alternator	Prof. Agha Zafarullah Pathan	Engr. Abdul Latif Samo
08EL	Power factor improvement through the third winding of transformer	Prof. Agha Zafarullah Pathan	Engr. Abdul Hakeem Memon
08EL	Thar coal classification plant and energy development	Prof. Agha Zafarullah Pathan	Engr. Mokhi Maan
08EL	Modern aspects of power system	Prof. Agha Zafarullah Pathan	Engr. Mokhi Maan
08EL	Analysis of un balanced loads on low voltage distribution network	Prof. Badar-ul-Haq Baloch	Engr. Mansoor Soomro
08EL	Testing of electromechanical & digital energy meters	Prof. Badar-ul-Haq Baloch	Engr. Parvez Hameed
08EL	Power quality enhancement using UPFC	Dr. Mukhtiar Ahmed Mahar	Dr. Abdul Sattar Larik
08EL	MATLAB simulation and experimentation of 3-phase induction motor	Dr. Mukhtiar Ahmed Mahar	Engr. Ab. Latif Samo
08EL	To convas troubleshooting proficiencies and preventive maintenance program for electrical equipments	Engr. Anwar Ahmed Memon	Engr. Abdul Jabbar Memon
08EL	Automation of machines	Engr. Anwar Ahmed Memon	Engr. Ab. Hakeem
08EL	Study on testing & commissioning of power transformers	Prof. Dr. Ashfaque Ahmed Hashmani	Engr. Mahesh Rathi
08EL	Wind power generation & its interconnection with the bulk power source	Dr. Asif Ali Shah	Engr. Faheemullah Sahikh
08EL	Smart grid(automated substation)	Dr. Asif Ali Shah	Engr. Ab.Latif Samo
08EL	Power system operation voltage stability & contingency aspects	Dr. Asif Ali Shah	Engr. Munwar Ali Bhand RCC Jamshoro
08EL	Study of FPCDL power plant	Engr. Noor Nabi Shaikh	Engr. Muhammad Rashid Memon
08EL	Design & fabrication of voltage relay.	Engr. Noor Nabi Shaikh	Engr. Nizamuddin Channa
08EL	Research in PP_10 generation station in Kharaj	Engr. Noor Nabi Shaikh	Engr. Aijaz Ahmed Rajper
08EL	Application of L.T circuit breakers on distribution transformers of HESCO	Engr. Anwar Ali Sahito	Engr. Parvez Hamed Shaikh
08EL	Differential protection of power transformer	Engr. Anwar Ali Sahito	Engr. Abdul Hakeem Memon
08EL	Load flow analysis of 500KV network of Pakistan	Engr. Anwar Ali Sahito	Engr. Shah Murad Tunio