

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA

Department of Electrical Engineering

List of Thesis Submitted

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331	Design and asibility of Micro Hybrid Solar-Biogas Generating Unit; A Case study of Canal View Enclave (JLPL Pvt Ltd), Southern Bypass, Ludhiana	Jagjeet Singh	May-14	EE/A/380	380
217	Design and feasibility of combined biomass and solar power plant for generation of electric power a case study of block Dehlon	Harminder singh	May-14	EE/LIB/T/254	254
218	Power quality improvement using custom power devices	Pooja garg	May-14	EE/LIB/T/255	255
219	Transmission congestion management under deregulated environment	Parmjit singh	May-14	EE/LIB/T/256	256
220	Design and feasibility of micro hybrid solar biogas generating unit a case study of canal view enclave southern bypass Ludhiana Punjab	Jagjeet singh	May-14	EE/LIB/T/257	257
221	Feasibility study of 150KWp grid connected solar PV power plant at GNDEC campus Ludhiana Punjab	Sudesh sanotra	May-14	EE/A/265	265
222	Power quality improvement using custom power devices	Pooja garg	May-14	EE/A/266	266
223	Design of building integrated photovoltaic system for boys hostel no 6 GNDEC college Ludhiana Punjab	Amrinderpal kaur	Jun-14	EE/LIB/T/258	258
224	Standard induction motor replaced by energy efficient motor to reduce production cost in textile industry	Avtar singh	Jun-14	EE/LIB/T/260	260
225	Standard induction motor replaced by energy efficient motor to reduce production cost in textile industry	Avtar singh	Jun-14	EE/A/262	262
226	Design of building integrated photovoltaic system for boy's hostel no 6, GNDEC, Ludhiana, Punjab	Aminderpal Kaur	Jun-14	EE/A/263	263
227	Standard induction motor replaced by energy efficient motor to reduce production cost in textile industry	Avtar singh	Jun-14	EE/A/367	367
228	Restructuring of 11 KV distribution line in rural radial distribution feeder for minimization of line loss a case study	Jatinder sahi	Jul-14	EE/LIB/T/259	259
229	Restructuring of 11 KV distribution line in rural radial distribution feeder for minimization of line loss a case study	Jatinder sahi	Jul-14	EE/A/261	261
230	Energy saving in HVAC system using variable frquency drives in Apollo hospital, Ludhiana	Manpreet Kaur	Aug-14	EE/A/267	267
231	Research and statistical characterization for voltage fluctuation and flicker by wavelet transform	Amandeep Kushan	Sep-14	EE/A/268	268
232	Coordinated design of PSS and TCSC damping controller to improve power system stability using PSO	Ankita Runani	Sep-14	EE/A/269	269
233	Research and statistical characterization for voltage fluctuation and flicker by wavelet transform	Amandeep Kushan	Sep-14	EE/A/375	375
234	Short - term load forecasting using fuzzy logic (a case study of 220 KV transmission line at Pakhowal Ludhiana)	Jagbir Kaur	Oct-14	EE/A/270	270
235	Electric power generation and scheduling from biomass using Matlab	Gurpratap singh Saggarr	Oct-14	EE/A/271	271
236	Trading in open day ahead Electricity market: a case study of an industry in Punjab	Bhawna	Oct-14	EE/A/279	279
237	Energy auditing of Lightning & Drive System in Sugar Industry	Mandip Singh	Dec-14	EE/A/356	356

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239	Biomass Waste assessment A case study in the state of Punjab	Harpreet kaur	Jan-15	EE/A/362	362
240	Analysis of Power system under fault condition	Harpreet Kaur	Apr-15	EE/A/286	286
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242	Feasibility & Economic Analysis of solar photovoltaic power plant in Punjab A Case Stdy	Ankita	May-15	EE/A/276	276
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244	Electrical Energy Conservation measures in multiplexes (A case study of Silver Arc Ludhiana)	Amrinder Singh	May-15	EE/A/284	284
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246	FACT based power system optimization by using NR Technique	Arshdeep Kaur	Jun-15	EE/A/272	272
247	Power Line fault diagnostic using offline fault locator: a case study at 400 KV SS Dhuri	Jashwinderpal Singh	Jun-15	EE/A/275	275
248	Optimal Placement of shunt capacitor compensation in distribution system integrated with wind turbine generator	Vanika Jain	Jun-15	EE/A/277	277
249	Design & feasibility of microhybrid Solar, Biomass & Biogas power Plant	Nitin Bakhshir	Jul-15	EE/A/274	274
250	Data envelopment analysis based approach for transmission system expansion planning	Shubham Gupta	Jul-15	EE/A/280	280
251	Analytic treatment of hybrid solar-biomass system for continuous power generation	Jajwinder Singh	Jul-15	EE/A/281	281
252	Technical analysis of Microhydel plant in Punjab: A case study of 750 kW Hydel Plant	Parminder Singh	Jul-15	EE/A/330	330
253	Short term Load Forecasting of Punjab Region using Arima Method	Sarabjit Singh	Jul-15	EE/A/354	354
254	Harmonic Mitigation Techniques by using Harmonic Filter in Textile Mill	Amandeep	Jul-15	EE/A/358	358
255	Design & Feasibility of hybrid power plant: A case study of nlock sehna, Barnala, Punjab	Pardeep singh	Aug-15	EE/A/283	283
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258	Energy optimization in an industrial building: A case study of Henkel Anand India Pvt. Ltd.	Shivinder Singh Mehta	Dec-15	EE/A/366	366
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263	Economic Load Despatch Problem for various test unit systems using AI technique	Ramandeep Kaur	Feb-16	EE/A/289	289
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267	Implementation of energy conservation building code and ISO 50001-Energy management system in commercial Establishment (A case study)	Harleen Kaur	May-16	EE/A/294	294
268	Automation of mill using PLC and drives to increase the production,energy saving & protection of equipments	Sukhchain Singh	May-16	EE/A/295	295
269	Analysing the different methods of optimal PMU placement in PSAT and its utilization nin power system	Sumeetpal Kaur	May-16	EE/A/296	296
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274	Generation scheduling and short term unit commitment problem of electric power system	Paramjeet Kaur	May-16	EE/A/378	378
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276	A load flow based approach for reactive power procurement in deregulated power system	Deepika Jindal	Jun-16	EE/A/302	302
277	Fuzzy logic based power system stabilizer to improve dynamic stability of power system	Harpal Singh	Jun-16	EE/A/303	303
278	Implementation and monitoring of smart traffic control system with programmable logic controller	Ramanpreet Kaur	Jun-16	EE/A/304	304
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280	Stability improvement in micro grid using thermal storage system	Simrandeep Kaur	Jun-16	EE/A/306	306
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283	Technical parameter estimation and cost analysis of a modeled solar power plant(case study)	Ramanpreet Kaur Boparai	Jun-16	EE/A/309	309
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286	Automation of carding machine using PLC,HMI and drives - an industrial case study	Harkirat Kaur	Jun-16	EE/A/312	312
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293	Feasibility study of hybrid;solar and biomass power plant	Aanchal Jain	Oct-16	EE/A/318	318
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304	Design and Analysis of Solar PV Sheds for GNDEC campus in parking area	Simranpreet Singh	Jul-17	EE/A/324	324
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307	Support Vector Machine based model design for short term Load Forecast in Distribution System	Manmeet Kaur	Aug-17	EE/A/327	327
308	Improvement of Powr Quality using Photovoltaic Dynamic Voltage Restorer	Saliha Arif	Oct-17	EE/A/329	329
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325	Analysis of Technical and non technical losses in power system using MATLAB	Sukhpal Singh	Jun-18	EE/A/379	379
351	Power Quality improvement in three phase generation system using shunt active power filters	Ramandeep Singh	Jun-18	EE/A/400	400
326	Energy saving of BFP using an application of VFD: A case study at GHTP (Lehra Mohabbat)	Jaspreet Kaur	Sep-18	EE/A/328	328
327	"Availability analysis & maintenance priorities decision for Steam Flow cycle of a Process Plant"- a case study at Guru Gobind singh Oil Refinery	Geetanjali	Sep-18	EE/A/348	348
328	Reliability Analysis of Wind Turbine System	Kiran Pal Kour	Sep-18	EE/A/351	351
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