

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
ELECTRICAL ENGINEERING DEPARTMENT
M.TECH (ELECTRICAL ENGG.)

| S.No. | Name | Roll No. | Thesis Topic | Guide | DRC recommendations |
|-------|---------------------|----------|--|------------------------|---|
| 1 | MALVIKA KATOCH | 1508269 | Novel approach of optimization for economic load dispatch by hybrid swarm intelligence and genetic approach | Pf. Harmeet Singh Gill | To concentrate on Indian Scenario. Data collection to be identified. |
| 2 | PREET MANI SINGH | 1508270 | Hybrid Metaheuristic Optimization algorithm for solving unit commitment problem | | PRESENTATION PENDING |
| 3 | RATNA RAM BISHNOI | 1508271 | A comparative analysis of improved power quality using UPQC with particle swarm base fuzzy control technique | Pf. Khushdeep Singh | Use of fuzzy and PSO for power quality improvement. Day ahead load forecasting of PSPCL using hybrid model to be done. |
| 4 | SUKHIOT SINGH SIDHU | 1268418 | Short Term Load forecasting | Dr. Arvind Dhingra | |
| 5 | NASEEB SINGH | 1268414 | Home Energy management of Residential load with rooftop solar and energy storage under different retail pricing scheme | | PRESENTATION PENDING |

Cc: DNB/ All Thesis Guides/ Departmental Website

O /C M.Tech (Electrical Engg.)