

# List of Seminar Topics

1. Renewable Energy Source Biomass.
2. Matteran Energy.
3. Fusion Technology.
4. Electronic Ballast.
5. Stepper Motor & its Application.
6. Radial Feeder Protection.
7. Solar Tower Technology
8. Electric Locomotive.
9. Reactive Power Consumption in Transmission Line.
10. Flexible A.C. Transmission.
11. D.C. Arc Furnace.
12. Performance Evaluation & EMI/EMC Testing of Energy Meter
13. Feeder Protective Relay.
14. Hydrogen The Future Fuel.
15. Quality of Electrical power.
16. Phase Locked Loop
17. Architecture of an Electric Vehicle
18. 66 K.V. Switch Yard
19. Flexible Photovoltaic Technology.
20. DSP For Motor Control.
21. Vector control Of Induction Motor
22. Uninterrupted Power Supply
23. Protection of Distribution System
24. Arc Fault Circuit Interrupters
25. 66kv Receiving Sub-Station
26. Nano Fuel Cell
27. Hybrid Electrical Vehicles
28. Relay Performance Testing With High Technology
29. Production of & Protection against Surge
30. HVDC Converter
31. Static Relay
32. Earth Leakage Circuit Breaker
33. Mild Hybrid Electric Vehicle
34. Controller Of Electric Vehicle
35. Geothermal Energy
36. Electrical Energy Management & Audit
37. Traction System
38. Utilization Of Solar Energy
39. Evacuated Tube Solar Collector
40. Automatic Meter Reading
41. Load Shedding
42. Automatic voltage regulation of alternator used in UKAI PP
43. Numerical Relay

44. Automatic Circuit Recloser
45. Switched Reluctance Motor
46. Comparative Study Of Maximum Power Point Tracking
47. Cathodic Protection
48. Grid Connected PV Systems
49. Deregulation Of Energy Sector & Price Determination
50. Battery Charger
51. Power Factor Correction
52. Less Flammable Transformer Insulating Fluids
53. Prospects Of Nanotechnology
54. Magnetic Levitation And Its Application
55. Magnetic Levitation And Its Application
56. Excitation System for Alternator & AVR
57. Distributed Control System
58. EHV AC Transmission
- 59 Smart Grid
60. Solar Battery Storage Pump
61. Reactive power management
62. Advanced less flammable transformer insulating fluid.
63. Extra high voltage transmission line
64. Robotics Sensor
65. PWM technique applied to induction motor
66. Synchronization of alternator with grid.
67. Micro stepping of stepper motor and application
68. Paralleling of LTC transformer.
69. Static excitation system for alternator
70. Static excitation system for alternator
71. Electronics Ballast
72. Micro electro-mechanical system
73. Feeder protective Relay
74. Linear Induction motor
75. Stenography
76. Expert system as applied to power system
77. Geothermal Energy
78. Solid State Interlocking
79. Motor Protection
80. Protection Against Blackout
81. Condition Monitoring of Electrical equipment.
82. High Voltage Transmission Line
83. Energy Efficient Motor
84. Wireless fidelity
85. Surge Arrestor
86. Installation Maintenance and application of power transformer
87. Microprocessor based Protective relay
88. Automation of temp. rise test for L.T Switch gear
89. Energy Audit

90. Variable Reluctance Motor Drive
91. Electrical fuses & its Application
92. Flexible AC transmission System
93. Impacts of harmonics on power quality
94. Speed control of DC shunt Motor Using PWM
95. Power Grid & Smart Grid
96. Sensor less speed estimation of I.M
97. Load sharing between the inverters operating.
98. PMDC Motor
99. Different Type of Excitation scheme on alternator
100. Cascade Tripping
101. Cascade Tripping
102. Magnetoencephalography
103. High voltage testing of Transformer
104. Traction Drives
105. Microprocessor based Xâ„¢mer Protection
106. Lighting
107. Train lighting on railways
108. Protection through switchyard equipment
109. Protection through switchyard equipment
110. Electromagnetic Bomb
111. High voltage test techniques
112. Wireless power transmission
113. H.V.D.C converter
114. Permanent magnet D.C. Motor
115. Liquefied Natural Gas (LNG) & itâ„¢s future
116. Two phase Neural Network
117. Energy conservation
118. Fiber optics Communication
119. Generator Protection
120. Modern Trends & Evolution of C.B.
121. Direct torque Control Method for Speed control of Induction Motor
122. Microprocessor Based Protective Relays.
123. Magnetic Levitation & itâ„¢s Application
124. Solar Tower Technology.
125. Review of Electricity Act -2003
126. Hydrogen fuel cell in India.
127. Ocean Thermal Energy Conversion
128. Kalpsar Project Capturing Tidal energy
129. Battery charger
130. Field oriented control drives without shaft sensors
131. Power factor improvement
132. Harmonic elimination techniques
133. Maximum power point tracking
134. Power quantity standards
135. Testing of 3 phase induction motor and trouble shooting

136. Storage batteries
137. Demand side management and energy audit
138. HTS power cables
139. Earth leakage circuit breaker
140. Fuel cell vehicle
141. Missile Technology
142. Feeder protection
143. Artificial Neural Network
144. Position Emission Tomography
145. Vacuum Circuit Breaker
146. Renewable energy
147. Power line carrier communication
148. Microprocessor based protective relays
149. Hydrogen as an alternative fuel
150. Power supply for electrical traction drives
151. Introduction of Batteries
152. Traction Drives
153. Testing of transformers
154. Static starting device
155. Gas insulated switchgear
156. Availability based tariff scheme
157. Generator protection
158. Wind & Diesel systems
159. Implementation of PLC
160. Mercury removal in coal burned power plants by electro catalytic oxidation
161. Fault prediction & diagnoses
162. Medical Imaging Techniques
163. Effect on generating units caused by loss of excitation
164. Solar Tower Technology
165. HTS power cables
166. Production & protection against surges
167. A report on series compensation
168. Power Grid
169. H.V. Testing of Circuit Breaker
170. Latest trends in nuclear power station
171. Operation & Maintenance of Substation
172. Static relays
173. Power system stability
174. Numerical relays
175. H.V. tester
176. Virtual Instrumentation
177. Automation of temperature rise test for switchgear
178. Localization of faults
179. E.H.V transmission lines
180. Geothermal
181. Electrical Fuses, its types & Applications

182. Robotics and its application
183. Power distribution grid
184. Power EC based distribution transformer
185. Direct torque control of AC drives
186. Advanced less-flammable transformer Insulating Fluid
187. Variable Reluctance Motor
188. Dust collection & scrubbing tech
189. Fuel cell driven vehical
190. Fuel cell driven vehical
191. Power system reliability
192. Losses reduction system in power
193. Magnetic Resonance imaging
194. Stepper Motor
195. Bone growth using electrical simulation
196. Cathodic protection
197. Micowave genration & its application
198. Ocean thermal energy conversion
199. Biomedical Instruments (EEG)
200. Industrial fire safety
201. Conducting polymers & plastic batteries
202. wind power generation
203. DC circuit breaker
204. static relay
205. Capacitor voltage transformer
206. Feeder protective relay
207. Magnetic Train
208. Green Power
209. Electrical & Electromagnetic interfearence
210. Pace maker
211. Fibre Optic Communication
212. Fusion Energy
213. PLCC
214. Fusion
215. Different types of energy storage system
216. Train Lighting on Railways
217. Hydrogen Fuel cell
218. Control of excitation system
219. Combined cycle power plant
220. Static starting device for gas turbine
221. Modern trends in thermal power station
222. Energy conversition
223. V/F method of speed control
224. 66 KV receiving station design
225. Bridge capacitor bank in EHV system
226. Multiterminal D.C. supply (MTDC)
227. Night vision

228. HVDC back to back converter & transformer
229. EHV transmission system
230. ACSR & alloy
231. Gas Insulated Transformer
232. Development & compensation of transm line
233. Wire less power transmission
234. Solar cell
235. Design of solar power plant
236. Non conventional source (biomass)
237. Non conventional source (Geothermal)
238. Tidel Power plant
239. Lighting protection of over head
240. Transducer
241. Medical imagining techniques
242. Fiber Optic Communication
243. Protection of overhead transmission against lightning
244. Effect of Under Frequency on Generating Units
245. Upgrading generator protection using multiple replay
246. SF6 circuit breaker
247. Relay performance & testing
248. Wind Power
249. Maintenance of Distribution Transformer
250. Failure of Distribution Transformer
251. Transformer Oil
252. Transformer Protection
253. Energy convection tower
254. Solar power generation
255. Tidal power
256. Vector control of an induction motor
257. Hybrid Electrical vehicles
258. Energy Conservation in Electrical equipment
259. Energy Conservation by Soft Start
260. Flexible AC transmission
261. Power Factor Improvement
262. Laser and its application
263. DC UPS
264. Neural Networks application in Induction motor
265. Magnetic material used in static rotating machines.
266. Super conductor
267. Electroencephalogram
268. AVR in Alternator
269. Internet telephony
270. Electrocardiogram
271. Cable fault localization
272. Optical current transducer & its fault location in substation
273. Data Acquisition System

- 274. Laser based application
- 275. Iridium Satellite Phone
- 276. Satellite solar power station
- 277. Global Positioning System
- 278. Wireless Application protocol
- 279. Speech Synthesis
- 280. Alternator synchronization
- 281. Brush less DC motor
- 282. UPS
- 283. Missile guidance system
- 284. Internet through power lines
- 285. High Voltage A.C. Transmission
- 286. High Voltage D.C. Transmission
- 287. Solar electric vehicles
- 288. Fuel cell & Fuel cell power plant
- 289. Electrical vehicles