

“POWER INDUSTRY FAMILIARIZATION PROGRAM” FOR PG STUDENTS AT PETARC (POWER ENGINEER’S TRAINING & RESEARCH CENTRE) MOOLAMATTOM - 26-09-2016 TO 30-09-2016

Overview:

The PETARC institute is situated in a serene natural setting far away from the urban din and bustle supported and nurtured by KSEBL. The major objective of the training program is to produce technically trained manpower for the power industry and it included classroom lectures focussing on the theoretical and technical knowledge, case studies and group discussions, and visits to some prestigious projects of KSEBL. Day 1 was very impressive and awe-inspiring for the participants. We had an initial lecture letting us get down to the nitty-gritty of the power generation, especially hydel. The lecture covered almost all the layers of practical engineering aspects among generation, distribution, transmission and its economics. Then we were explained about the prestigious underground power house and the Idukki arch dam neatly giving an insight about the functionalities and different components adhered with it. Not alone the opulence of its glory and eminence were delivered but also the shortcomings, discrepancies and anomalies were also pointed towards us with a few examples of disasters and accidents. With such strong establishment of its picture in our mind, we were taken towards the underground power house and showed us the edifice functioning in full swing. The various departments of electrical engineering were being practically reflected among us with the visit to the power house. Not alone just the power systems behind the power generation, but the importance and use of control systems were also pointed out. Later days, we had detailed discussions about the governor mechanisms and its characteristics leading us to have a distinct picture of the practical control system aspects. Also the present and advanced communication protocols and standards were also clearly delivered to us. The practical implementation of SCADA and its components in our practical electrical systems was highlighted. Finally, with a visit to the Load Dispatch Centre at Kalamassery, we were able to have the complete picture of our Electricity distribution and Power System Dispatch happening in our country. A brief picture about the regional LDCs and Central LDC were provided to us. The training program was not just helping us gain technical knowledge but also gave an insight to imbibe the ideas of practical engineering issues and ways to tackle them. Before bidding adieu to the institute, we had an interactive session which made us think about the value of education and also the substance of living as a social being. The training program laid seeds among the heart of each participant to embark on a new journey using the engineering knowledge to suffice the society around us.



LIST OF STUDENTS ATTENDED THE TRAINING PROGRAMME	
SI No. ▼	NAME ▼
POWER SYSTEMS	
1	ABDUL BASITH M B
2	ABHINAV VAISH
3	ABHISHEK SHARMA
4	AKHILA A L
5	ASHITHA T
6	ASHOK GUDE
7	DEEPENDRA RASTOGI
8	G NAGESWARA RAO
9	GUNA NAGA VENKATA MOHAN
10	JAYANT KUMAR SAHOO
11	K RAJASHEKHAR
12	NISHANT TYAGI
13	NIYAS M
14	T SUDHEER KUMAR REDDY
15	Y SRINIVAS
INSTRUMENTATION AND CONTROL SYSTEMS	
16	ADITHYA P K
17	NAVYA S
18	NOBLE JOSE
19	U P ABHIJITH
20	Y BHASKER REDDY
HIGH VOLTAGE ENGINEERING	
21	ANAGHA A P
22	ANAGHA PALERI
23	ARUNKUMAR M
24	DHANISH MON N
25	RAM S NARAYAN
26	SHIBIN S
27	SHILPA MOHAN
POWER ELECTRONICS	
28	J NAVEEN
29	R NARESH
30	P SRIKANTH
31	SATISH D
32	RAGHUNATH M
PhD	
33	ATHIRA RAJU