

Report on Industry Seminar on “Power Distribution & Storage” on January 21, 2013 at NIT, Agarpara

The above Seminar was inaugurated by Dr. Jayanta Kumar Das, The Principal at 10-30 am. He also delivered the inaugural speech. Dr. Amitava Das, Dean (R&D) was The Chief Guest. He delivered his speech and highlighted the importance of an industry oriented Seminar. The Welcome Address was presented by Prof. Amlan Chakrabarti, Head of the Department – Electrical Engineering. Other dignitaries present were, Prof. (Dr.) Nisit Kumar De, Electrical Engineering, Prof. Jagadish Chandra Guha, Head of the Department – Civil Engineering, Prof. Gautam Kumar Chaudhuri, Civil Engineering, Prof. Subal Chandra Bera, Head of the Department – Mechanical Engineering.

Mr. Rupankar Shome presented various technical and commercial issues faced in Distribution by WBSEDCL. He also spoke about the advanced technologies implemented by WBSEDCL in their Customer Care Center and Customer Billing. He spoke about advanced metering technologies and their implementation at WBSEDCL.

Mr. Surajit Chakraborty spoke about the Civil Engineering Planning and Design of the Purulia Pump Storage Project. He also highlighted the importance about this electrical storage project where the efficiency can be as high as 85% and electricity may be consumed in lean hours @ Rs.4.00 per unit and delivered during the peak hours @ Rs.8.00 per unit. He also discussed about the prospects of 3 more pump storage projects in the same area where he is involved in planning and design. He highlighted the nature’s gift in such projects where construction cost is negligible compared to the benefits.

Mr. Brata Narayan Sarkar spoke about the electrical motor-generator sets, the electrical connections and protection systems in the Purulia Pump Storage Project. He spoke about the design and capacity of various electrical equipment in this project. He also spoke about the desirable minimum and maximum levels in the two reservoirs and the built-in automatic controls to stop motor or generator operations when these levels are reached. He spoke about the necessity of isolating the equipment in case of excessive voltages in the power grid and how the project equipment was isolated during the recent grid failures in July, 2012.

The above Industry Seminar was attended by a total of 107 participants whose Attendance have been recorded and Registration process completed.

The Vote of Thanks was offered by Mr. Dipu Sarkar, Asst. Professor – EE and the Seminar was closed at 2 pm followed by lunch hosted in favor of the guest speakers.

Rupankar Shome

Email ID: rupankar.shome@yahoo.com

Carrier Objective:

To enhance & contribute the best of my knowledge & experience in achieving organizational goals & personal growth.

Academic Profile:

Education Date of Passing University/Board

BE(E) 1976, Bengal Engineering college, Shibpur. Calcutta University

Professional Experience:

- Planning & Engineering of Hydro Project
- Distribution System
- Commissioning, Operation & Maintenance of Hydro Power station at west Bengal and also outside of West Bengal
- Commissioning of Blub Turbine with Japanese experts
- Handling of different Bulk consumers
- In the charge of Districts for Operation & Maintenance of Distribution System
- Discharging responsibility of Distribution System under Kolkata Zone

Key Responsibilities:

- Designation: Addl.CE & Zonal Manager, Kolkata (D) Zone
Duration: From 1982 till date

Professional Experience:

- Attended a course on Operation & Maintenance of Hydro Generation at Rurki University under Water Resource Development Department.
- Attended training of Distribution Management System at Staff Training College, Hyderabad, Government of India.
- Training in abroad: Attended 3 month training at Fuji Electrical Company, Japan.

Some words about Mr. B. N. Sarkar, Adviser (Electrical)

Mr. Brata Narayan Sarkar is an Electrical Engineer with vast experience in the field of Electrical Engineering related to Thermal Power Stations as well as big & small Hydel Power Projects. He was one of the key Engineers those were responsible for successful completion and running of Purulia Pumped Storage Project (4 x 225 MW). He acted as Project Site-in-Charge of Purulia Pumped Storage Project and afterwards as Chief Engineer & Project Manager of Purulia Pumped Storage Project. Presently, he is working as Adviser (Electrical), WBSEDCL.

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Some words about Mr. S. Chakrabortty, Addl. Chief Engineer :

Sri Surajit Chakrabortty passed B.Tech. in Civil Engineering from Jadavpur University. He was associated with the work of Design, Construction, Erection & running of Purulia Pumped Storage Project (4 x 225 MW) since inception of the project. He has got vast experience in the Civil Engineering related to construction of Pumped Storage Project and also acquired knowledge regarding Hydro-Mechanical Equipments installed in the project. Presently, he is posted as Additional Chief Engineer, Planning Investigation & Design Department, WBSEDCL and looking after the job of upcoming Pumped Storage Projects.

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