

Industrial Tour to Ashulia Power Station (Summit Power Ltd.) by the students of EEE Department, Permanent Campus.

The students of Permanent Campus of the Department of Electrical & Electronic Engineering (EEE) of Daffodil International University (DIU) undertook an industrial tour on November 3, 2017 to Ashulia 44.75MW Power Station of Summit Power Ltd(SPL), the first independent power producer (IPP) in Bangladesh. The tour was organized for the students of Power System Protection course and arranged by the course teacher **Mr. Md. Ashraful Haque**, Senior Lecturer, Department of EEE in order to introduce the students with the power station operation and maintenance concepts.

The tour was held as a part of the university's Industrial Tour to help the students perceived from different evaluation that intellectual ability needs to be exercised to develop Practical based better performance in their real-life situation in the field of power sector, where 33 senior students of EEE (Day & Evening), were present.

At first they gathered at Permanent Campus and reached Summit Power Limited (SPL), Ashulia via DIU transport. On arrival, teacher and students were greeted by the plant manager and plant engineers of the power station. The students were then given introductory speech about the gas engine power station by two plant engineers. They were demonstrated about the working principle of gas engine power station, description of the cycle, financial activities, mechanical system, load factor, operation and maintenance schedule, electricity supply system, plant safety etc. The students were divided into two groups and were then taken to visit the gas engine rooms, switching yard, gas yard, control room, radiator on the rooftop places. The students got a practical idea about the working principle of a gas engine power station. It was a good learning experience for them to see the actual management operations too.

The industrial tour contributed greatly to the students, reflected in their participations and their queries during the classroom. **Prof. Dr. Md. Mostofa Kamal**, Dean, Permanent Campus and **Prof. Dr. Md. Shahid Ullah**, Head, Dept. of EEE provided their continuous support for the arrangement of the tour. The Department of EEE extends its profound thanks to the Ashulia Plant Manager Engr. Santosh Baroi, Plant Engineer Abu Hossain & Sohel and Maintenance Engineer Uzzol Hossain of

Summit Power Ltd. for their support & hospitality and DIU administration for providing the administrative support as always.



Students were on the way to SPL by DIU Transport



Students were snapped together in front of SPL



Attending the speech of Project Manager at SPL Conference Room



Project Manager presented about SPL @ Conference Room



Gas Engine of the SPL



Students observed 11MVA Substation



Discussed about Step Up Transformer



Control Panel of SPL



Plant Maintenance by using computer and software is designed WARTSILLA



Students with plant Engineer in front of SPL