Speech on Surface Production Facilities & Operations in Oil-Gas Industry

Event Date: 31st December 2019

Event Venue: Video Conference Hall, Petroleum Engineering Department, NED University of Engineering & Technology.

Topic: Surface Production Facilities & Operations in Oil-Gas Industry.

Guest/Speaker: Mr. Sheikh Mubeen Ashraf from **Mari Petroleum Company Limited.** He is a graduate of Petroleum Engineering Department from NED University of Engineering and Technology, currently working as a Production engineer in MPCL.

Highlights:

Figure 1 Mr. Mubeen delivering his speech

Figure 2 Prof. Adnan ul Haque (right) presented token of appreciation to Mr. Sheikh Mubeen Ashraf

Figure 3 SPE NED Executive Body along with the speaker

Summary: Surface Production facilities are the most essential part of the mechanism in oil and gas industry. In our session related to this topic, the surface facilities from Well Head to Processing Plant were discussed among the petroleum enthusiasts in order to enhance their knowledge about field operations. The session provided information about the fundamentals and principles of the surface production facilities including the production fluid behavior, conditioning, and processing from the wellhead to the transfer of raw and refined petroleum. The students learned oilfield production handling at the surface, the treatment equipment and the processes. Natural gas and oil physical characteristics, processes, equipment, measurement, transportation, piping designs and all the production operation information was covered for the know-how of operational efficiencies. Designing and operating the surface facilities production equipment and processes were discussed. It was an interactive session by the speaker, with cooperation of the students. Also, an animated visual of the **Sujawal Field** of Mari Petroleum Company was displayed so a much clear view and concept could be delivered to the attendants. In the end, token of appreciation was presented to our honorable speaker.