

HANDS ON TRAINING WORKSHOP ON OIL AND GAS TRAP IDENTIFICATION, WELL LOG INTERPRETATION AND WELL LOG CORRELATION ON 22ND AND 23RD MAY 2023

Department of Applied Geology, Dibrugarh University organized a hands-on training workshop on oil and gas Subsurface Trap Identification, Well Log Interpretation and Well Log Correlation on 22nd and 23rd May 2023 in collaboration with Oil India Limited, Duliajan amongst the students of M.Sc. Applied Geology and M.Sc. Tech Applied Geophysics in the Department of Applied Geology. Mr. Bhabagrahi Sahu and Mr. Saikat Banerjee, Superintending Geologist, Petrophysics Group, Geology and Reservoir Section of Oil India Limited conducted the workshop as Resource Person. Mr. Sahu, who is a M.Sc. Tech Geology from Indian School of Mines, Dhanbad, joined Oil India Limited in 2016. Mr. Saikat Banerjee, who is a graduate from Presidency College, Kolkata and M.Sc. in Geology from Indian Institute of Technology, Bombay joined Oil India Limited in 2017 and have been presently working in petrophysics group.

On the first day 22nd May Dr. Diganta Bhuyan, HoD, Department of Applied Geology, Dibrugarh University extended welcome to the Resource Persons Mr. Bhabagrahi Sahu and Mr. Saikat Banerjee from Oil India limited and the participants. In total 50 students participated in the workshop. Mr. Sahu initiated the workshop with a lecture and slide presentation on the



different types of oil and gas entrapment and their identification in the subsurface citing examples from upper Assam Basin in the pre lunch session. In the post lunch session students were provided with practical problems for identification of oil and gas traps. Both the resource

persons shared their experiences with the students and helped them in solving the problems with utmost care till 6PM in the evening. Dr. Devojit Bezbarua spoke few words sharing his own experiences. As a token of love and gratitude Mr. Anirban Pathak and Mr. Himangshu Bora felicitated both the resource persons with fulam gamocha. On behalf of the participants and the department Prof. Kalpana Deka Kalita proposed the vote of thanks.

On the second day 23rd May, Mr. Saikat Banerjee initiated the pre lunch session with the



lecture on well log interpretation and well log correlation in slide presentation describing different types of well logs and the processes of identification of lithology, porosity, permeability, density and other aspects from well logs. Mr. Banerjee explained about the well log correlation in details. In the post lunch Mr. Banerjee trained the participants to interpret well logs and their correlation from exercises and logs till 7PM in the evening. Students expressed feedback with highest

satisfaction.

At the end Prof. Kalpana Deka Kalita of the Department of Applied Geology extended heartiest thanks and gratitude to Mr. Bhabagrahi Sahu and Mr. Saikat Banerjee for rendering hand on training to the students with dedication that benefited them to a greater extent. Prof. Kalita also extended thanks to Mr. Trailokya Borgohain, Chief General Manager, Geology and Reservoir section and Oil India Limited for sharing two resource persons for conducting the workshop successfully.

