

Technical Lecture on “Deep water Deposits-Processes and Facies” by Prof S Ganapati , MSU, Vadodara

SPG, Vadodara chapter organized a talk by eminent academician Prof S Ganapati, professor of geology in the MS University of Baroda on 15th March, 2013. He deliberated the scope of deep water exploration, its huge



Prof Ganapati being welcomed by
Mr A V Sathe, President, SPG, Vadodara Chapter

potential, the different deep water processes, historical developments, how lithofacies get assembled in deep water and what are different depositional elements and facies associated with those elements?, forming of slope channels and their importance. He also brought out the fact that no single model could explain all the facies in the complex deep water environments. The major role is played by gravity and the grain size, the shelf and deep water physiography with turbidity currents controlling these processes.

He emphasized that deep water silicic-clastic systems have significant proportion of world's hydrocarbon reservoirs. Understanding the variability of these systems helps in predicting reservoir trap and seal combinations in turn driving exploration and development strategy in frontier & mature hydrocarbon provinces.