



Technical webinar organized by SPG, India on 8th October 2021 at Dehradun

A technical webinar was organized by SPG, India on “*Exploration Strategies for Frontier Petroleum Plays of Offshore India*” on 8th October 2021 by **Dr. D. M. Nathaniel, Nate Petroleum Development and Research LLP**.

The focus of the talk was on *novel concepts, modern technologies, research imperatives and experience* to realise the hidden hydrocarbon potential of deep- and ultra-deep provinces of India. They are: (a) the importance of Jurassic and Cretaceous sediments as rich source rocks; (b) requirement of overburden thickness for maturation of sediments on continental, transitional and oceanic crust types; (c) the pros and cons of volcanism on petroleum system; (d) fracture zones/transform faults; (e) Curie Isotherms; (f) Coriolis effects on Bengal and Indus fans; (g) technological requirements to characterise igneous bodies and means to enhance the imagery of sub-basalt stratigraphy; (h) sector-wise prospectivity of western and eastern offshore. Finally, it was emphasised that, exploration of such under explored provinces requires a product-driven petroleum-research approach as a part of the play-based exploration paradigm in unravelling the wide-spread hydrocarbon potential of the deep and ultra-deep waters of India

The webinar session was attended by the members of SPG-India from all over the country including geoscientists of KDMIPE, GEOPIC, Frontier Basins and professors and students from different Institutes. The lecture was well appreciated by all the participants and praised by one and all for its contents and thoughtful discussion provided by the presenter. During the webinar session participants actively participated on discussion and asked various question related to seismic data acquisition.

Earlier, Shri Shiv Kumar Sharma, President SPG-India gave the welcome speech. The vote of thanks was given by Shri C. B. Yadava, Vice President, SPG India. The entire webinar session was coordinated by Shri Shashwat Shubhra, Executive Member, SPG-India.

