

## Technical presentation by SPG, Chennai Chapter on 12 July,2017 at Chennai

SPG, Chennai Chapter organized a technical lecture/presentation by Dr. Somen Mishra, Consultant to ONGC, on "Petroleum System & Evaluation" on 12th July, 2017 at 10th Floor Conference Hall, CMDA Tower-I. The event was graced by Shri. T. Rajendran, GGM-Basin Manager-Patron of SPG, Chennai Chapter and coincided with the ongoing BExB of KG-PG Basin on the same day.

The Vice-President, SPG, Chennai Chapter Shri. A.K.Sharma welcomed all the participants and, in particular, mentioned that after his taking over as B.M, Cauvery Basin, today's meeting is the first forum for him as the Patron of SPG, Chennai Chapter.



Shri. A. K. Sharma welcomes all the participants for the Presentation

The President, SPG, Chennai Chapter Shri. Matibar Singh welcomed the Patron, SPG, Chennai Chapter Shri. T. Rajendran, GGM-Basin Manager and detailed about the various activities undertaken by the present SPG body so far.

He then requested Patron of SPG to welcome the guest Speaker and also address the gathering. The Patron, in his



Shri. Matibar Singh welcomes the T. Rajendran, GGM-BM, Patron, SPG, Chennai Chapter

inaugural address, stressed upon the importance of understanding of Petroleum System of the Basins. He also outlined on the concepts of Yet-to-find (YTF) while elaborating the evolution of exploration of Basin from the initial days of anticlinal theory and wished that such technical presentations should be organized periodically to benefit all.

Shri. A.K. Sharma gave the brief about presentation by the Speaker Dr. Somen Mishra and requested Shri. J.M. Silvester, GGM, Head, Specialist Group to provide further professional details about the Speaker. Accordingly, the detailed profile of Dr. Somen Mishra was read out.

After the inaugural formalities, the day's topic of "Petroleum System & Evaluation" was presented by Dr. Somen Mishra in a lucid manner. He elaborately covered the topics/concepts of Types & dimensions of Petroleum Systems, workflow & evaluation along with Case Studies. The relevance of unconventional Petroleum System & its evaluation and the current status were deliberated. Various types of modeling (viz) 1D, 2D, 3D Modeling were explained.



Dr. Somen Mishra making the Presentation

The important features of Thermal Modeling, Pressure & Migration Modeling, Kinetic Modeling were discussed along with burial history, ToC, Hydrogen Index (HI), Vitrinite reflectance (Vr) and Basin Modeling.

The presentation concluded with deliberations of participants. It was followed by felicitation of the Speaker by the President, SPG, Chennai Chapter along with GGM, Head, Specialist Group.

Shri. A. Sampath, Secretary, Chennai Chapter gave vote of thanks to both Basin Managers of Cauvery and KG-PG Basins, Head Specialist Group and all the participants for the successful conducting of the beneficial presentation. It was requested to prepare and submit Abstracts of Technical Papers for the forthcoming SPG Bi-Annual Conference to be held in November, 2017 at Jaipur.



Shri.Matibar Singh and Shri.Jamestain honouring Dr. Somen Mishra



Shri. A. Sampath proposing the Vote of thanks