



SPG India, Kolkata Chapter organizes technical lecture on 'Nuclear Magnetic Resonance technology as DHI: Derisking the exploration' on 11th July 2025

The SPG Kolkata Chapter organized a technical Lecture on the topic "Nuclear Magnetic Resonance technology as DHI: Derisking the exploration" on 11th of July 2025 at 16:30 hrs at MBA Basin, Kolkata. The lecture was delivered by the invited speaker Mr. Subhasis Sett, GM, Business Development, Wave Geo Services Pvt. Ltd. The technical session was chaired by officiating patron of SPG India Kolkata Chapter and officiating Basin Manager, MBA Basin, Shri Jayanta Sarkar, CGM (Geol.). Shri Rahul Kumar Singh, Treasurer, SPG India, Kolkata Chapter briefly introduced the speaker.



(Technical session chaired by officiating patron)



(Officiating patron welcoming the speaker)

The session commenced with a formal welcome of the speaker, Mr. Sett, by the chair followed by a welcome address by Shri G. N. Baruah, Vice President, SPG Kolkata Chapter, who introduced the guest speaker and briefed the audience on the importance of the topic.



(Welcome address by Vice-President SPG Kolkata Chapter)

Mr. Sett briefly shared his expertise on the application of Remote Sensing Nuclear Magnetic Resonance (NMR) technology in reducing exploration risks as a Direct Hydrocarbon Indicator (DHI).



(Mr. Sett sharing his expertise on RS-NMR)



(Mr. Sett replying to the queries by the participants)



(Mr. Sett being felicitated with a memento)

The lecture was highly informative, covering various aspects of NMR technology, its integration in exploration workflows, and case studies highlighting its effectiveness in de-risking hydrocarbon prospects. The session was interactive, with active participation and discussions from attendees, making it a productive learning experience for all present.

At the end of the talk the speaker Mr. Sett was felicitated by a token of appreciation by officiating patron SPG India, Kolkata Chapter.

The event concluded with a vote of thanks delivered by Shri Vivek Kumar Singh, Secretary, SPG Kolkata Chapter, who expressed gratitude towards the speaker, participants and ONGC MBA Basin for their contributions to the success of the session.



An excellent exposure showing bedding planes and joint patterns, useful for understanding local stratigraphy and structural history (Photo courtesy: Santosh Kumar Chatla and Subrata Singha)