



SPG India, Gauhati University Student Chapter organizes technical lecture on 'An overview of the seismic reflection method for hydrocarbon exploration' on 8th May 2025

The SPG Gauhati University Chapter organized a lecture entitled, '*An overview of the seismic reflection method for hydrocarbon exploration*', on 8th of May 2025, in collaboration with the Department of Geological Sciences, Gauhati University.

The main objective of the lecture was to improve students' comprehension of seismic reflection method, a vital technique in hydrocarbon exploration. The session aimed to connect academic knowledge with practical applications in petroleum geophysics. The lecture was given by Mr. Binod Chetia, a retired geophysicist from Oil and Natural Gas Corporation (ONGC), who possesses many years of field and research experience in petroleum geophysics.

The event attracted enthusiastic participation from postgraduate students, research scholars, and faculty members. Mr. Binod Chetia introduced the basic concepts of seismic reflection methods, discussing wave propagation principles, data acquisition, seismic processing, and interpretation techniques. Leveraging his experience with ONGC, Mr. Chetia presented case studies and shared valuable insights into the practical obstacles and advancements in seismic exploration.

The session wrapped up with an engaging Q&A segment, where students actively interacted with the speaker.



(Students, research scholars and teachers attending the lecture)



(Mr. Binod Chetia delivering the lecture)