

Guest Lecture by Prof. V.P. Dimri, Padma Shri & Former Director, CSIR-NGRI, Hyderabad on 7th April, 2016.

A guest lecture on the topic: "CO₂ Sequestration-Enhanced Oil Recovery" was conducted by SPG Student Chapter, IIT Roorkee on 7th April, 2016. The lecture was attended by wide fraternity of the institute.

The speaker was felicitated by Mr. Nikhil Singh (President, SPG IIT Roorkee) before the lecture. Prof. Dimri started his lecture by explaining few basics of research in geophysics. He started with fundamental concepts and made the lecture more interactive. Further, he extended the lecture to wide domain of complexity of different phases of acquisition, processing and interpretation in geophysics. He then explained the environmental effects of CO₂ and the need to reduce carbon

dioxide by sequestration techniques. Various techniques for enhanced oil recovery were discussed and the benefits of sequestration were highlighted. Different case studies for discussing the suitable geological sites were presented. He then concluded the lecture by discussing the future possibilities in this field.

The speaker was presented with a memento by Mr. Vishal Mulchandani (Vice President, SPG IIT Roorkee) as a token of gratitude. An interactive session was arranged with Prof. Dimri, for the faculty members. The students achieved a greater understanding of the topic due to this lecture.



Speaker delivering his lecture



Faculty and students at lecture