

Event for New Ideas (2nd February 2016)

The SPG student chapter (IIT Roorkee) organized a presentation cum recruitment event on 2nd February 2016. We received a huge participation from different batches. The event was judged by the Faculty advisor and the president of the chapter. 12 teams participated in a group of 2. We came across various ideas some of which are: Earth Science treasure

hunt, geo-modeling, debate on recent topics, visit to data acquisition site, workshops and exhibitions. The top 2 teams got direct entry to the SPG IIT Roorkee student chapter as office bearers. It was highly informative and interactive session and we got some really innovative ideas.



Participants presenting their innovative ideas to the central team of SPG.

Guest Lecture by Mr. Chirag Tyagi, Industry Co-Chair, CUSP, Schlumberger, (29th February 2016)

The SPG student chapter (IIT Roorkee) organized a guest lecture by Mr. Chirag Tyagi (Industry Co-Chair; CUSP, Schlumberger). The topic of lecture was "Concept and advances in Seismic data acquisition, processing and imaging". He started his lecture with the major challenges like: Ambient noise, broadband, illumination and reservoir estimation followed by their possible solutions: fold based acquisition, azimuth or offset. Introduction to improved acquisition techniques like: NAZ, WATZ and improved

acquisition technologies like Q-marine, O/U were given by him. He then talked about new survey design like: over-under, DISCover, obliQ and isometric. He then moved forward to processing part and emphasized on Signal to Noise ratio, multiple removal and velocity model. He also discussed the imaging part and challenges faced like: non-uniqueness and inadequate acquisition. He concluded his lecture with a summary of the talk. The webcast was attended by about 80 students. It was highly informative for the students.



Speaker delivering his lecture.



Faculties and students listening to the speaker and discussing their queries.