

# SPG, Ahmedabad Chapter organises Lecture on Passive Seismic Tomography

Society of Petroleum Geophysicists, Ahmedabad Chapter, conducted a lecture on “Passive Seismic Tomography (PST), QC and application of PST-derived velocity for seismic imaging” by SEG honorary lecturer Dr. JVSSN Murty at Hotel Metropole on 19th June, 2017.

Session started with brief introduction about the objective of the program by the Secretary SPG, Ahmedabad Chapter Shri Harjinder Singh, DGM (GP). In his welcome address he told that this program was an initiative for Knowledge Sharing and to get better subsurface imaging for Enhanced oil recovery (EOR). He communicated to the house that Dr. Murty developed many software for the benefit of organization. He inform that Dr. Murty is contributing a lot to ONGC and Research guide in Gujarat Energy Research and Management Institute (GERMI).

President SPG, Ahmedabad Chapter Shri Saroj Kumar Mekap, DGM (GP) welcomed Dr. JVSSN Murty. He recalled his association and appreciated the contribution of Dr. JVSSN

Murty in the field of Processing and Seismic Software Development in ONGC.

During his lecture Dr. JVSSN Murty, detailed the concept of passive seismic tomography. He explained that Passive Seismic Tomography (PST) method uses both P-wave and S-wave travel times from naturally occurring low-intensity earthquakes recorded over a period of time. Field example was also presented to understand concepts, benefits and the limitations of PST.

In the feedback session it was perceived that the knowledge imparted through presentation and deliberations in the session were of great importance. The participants appreciated the talk and found it very informative.

The lecture concluded with vote of thanks by Shri Paritosh Chaturvedi, DGM (Geology) Vice-President of SPG Ahmedabad chapter, Ahmedabad.



Dr. J.V.S.S. Narayana Murty delivering the lecture



Lecture in progress