

The SPG, Chennai Chapter organized a Lecture on “ Seismic processing to Image Processing” under its Technical Forum on 09.03.2011. The lecture was delivered by Dr.G.V.R.Kumar, CG(S), ONGC, Chennai. The lecture high- lighted the usage of a Open source software, called ImageJ, for generating various attribute displays of a seismic section or data. The software on JAVA platform has many utilities which are equivalent to the seismic processes of Decon, FK filter, Spectral decomposition etc. Dr.G.V.R.Kumar showed examples of effective use of this software for removal of acquisition footprints, coherent noise and aliasing . The software can be used for cubic spline interpolation and a special filter called Von Gogh filter as an anisotropic diffusion filter which is not available in general seismic software at present.

The main advantage of this software is that it can be used on JPEG image of a seismic section or time slice as well as the entire data on laptop or desktop. It will be very handy to look at DHIs (direct hydrocarbon indicators) on sections or channels on the time slice, in a different perspective and as a fast track approach. In short it has applications which can be used by the interpreter very effectively, limited only by his/her imagination.

Earlier, the Technical Forum was presided over by Sri. G.Sarvesam, GGM(GP), ONGC & President SPG, Chennai chapter. In his brief address Sri.Sarvesam remarked that the SPG technical forum gives a platform for sharing knowledge and experience in G & G activities and invited all to actively take part. He told the gathering that lectures have been planned for every month and will be delivered by in-house as well as out-side experts. The lecture session was attended by the members of SPG, Chennai and other Geoscientists of KG & Cauvery basins. Sri. K.Sridharan, Secretary SPG, Chennai chapter welcomed and thanked the gathering for their active participation.



Secretary, SPG, Chennai Chapter