

# SEG Student Section Activities at ISM, Dhanbad during August 16-17, 2008

Organized by  
SEG Student Section ISMU Dhanbad

Society of Exploration Geophysicists (SEG) Student Section ISMU Dhanbad under the association of Society of Petroleum Geophysicists (SPG) India had organized student interaction programme on August 16<sup>th</sup> followed by a workshop on “**Emerging Trends in Deep water Exploration and Exploitation**” on August 17<sup>th</sup>, 2008. This kind of interaction and workshop had been organized first time in India by the SEG Student Section ISMU Dhanbad. Interaction programme on August 16 was inaugurated by (Padmashree) Dr. Rabi Bastia, Senior Vice President (E&P), Reliance Industries Limited and Workshop was inaugurated by Sri Apurba Saha, Executive Director, Asset Manager Mumbai High, President SPG, India. Dr. Bastia spoke on the present scenario in the field of hydrocarbons and the challenges in deep water exploration. Sri Apurba Saha spoke on the role of SPG in deep water exploration, cooperation of oil industries in students’ activities, the activities of ONGC as well as the prospects of deep water exploration. Students from ISMU and various universities like IIT Mumbai, IIT Roorkee, Andhra University, Osmania University and Jadavpur University presented 24 papers at the student interaction programme. Students participated in the Debate “Is Seismic the only method for Deep water Exploration?” Professionals from British Gas, ONGC (Kolkata, Mumbai), Shell Technology India, National Geophysical Research Institute and Directorate General of Hydrocarbon presented six papers in the workshop. CULTECH programme in the evening of August 16, 2008 was presented by Geoscience students based on the theme “**Exploring Mother earth: A Geophysical look through Dance**”. The workshop “**Emerging Trends in Deep water Exploration and Exploitation**” was chaired by Sri P.K Pal, Chief General Manager (Exploration), CMPDIL, Ranchi and Dr. V. K. Srivastava, Head, Deptt. of Applied Geophysics. Sri Apurba Saha, President, SPG India declared the SEG student Section, ISMU Dhanbad as the nodal center of SEG Student Activity in India. A panel of judges from various industries and technical institutes announced the results of students’ paper presentation and debate competitions. SEG Student Section, ISMU, also organized a CULTECH programme where choreography on “Exploring Mother Earth: A Geophysical Look Through Dance” was presented. Sri Goutam Ghosh, General Manager (Exploration), British Gas India chaired the valedictory programme on August 17, 2008. He focused on the achievements of SEG Student Section at ISMU, Deep water exploration and the role of young talents in Industry-Academia activities.



Photographs of Student Interaction Programme & Workshop at ISM, Dhanbad held on 16<sup>th</sup> & 17<sup>th</sup> August, 2008.

## Technical Lectures organised by SPG's NE-Chapter, Jorhat

Society of Petroleum Geophysicist, NE-Chapter, Jorhat, organized three lectures within a short span of four months. These lectures were aimed to impart the latest trends in the field of data acquisition and reservoir characterization by the industry experts. Following is the list of the lectures:

1. VectorSeis - 3C Seis Acquisition System by Mr. Brian Donnelly, of M/s ION. In this lecture Mr. Donnelly dwelt, in detail, on the VectorSeis 3C acquisition tool which is being introduced in the north east for the first time.
2. Reservoir Characterization using Seismic Data by Dr. Rakesh Walia, M/s. CGG - Veritas. This lecture was the most well attended of all lectures which explained about the methodology for reservoir characterization using various geophysical, geological, petrophysical and engineering data.
3. An Introduction to Multi Component Seismic Technology by Dr. Robert Garotta (see picture below). The lecture mostly covered examples explaining the application of the P-S wave in the detection of fluids and described cases where this can be applied.

These lectures were supported by ONGC in its efforts to introduce the state of the art technologies in seis-data API

in the NE region. All these lectures were well attended and evoked keen response from the participants. It is hoped that this knowledge sharing by the industry leaders led to clearer perception of various challenges facing the Geophysical community in the complex geological setting of the North East.



Dr. Robert Garotta is being welcomed by Shri B.D. Sharma, Basin Manager (Officiating), A&AA Basin and Patron - SPG NE Chapter and Shri B.K. Das, President, SPG NE Chapter, Jorhat.

## IIT, Mumbai students visit survey vessel

The Student chapter of SPG at IIT, Powai had arranged, through Geophysical Operations, ONGC, a visit of M.Tech and M.Sc students to M.V. Sagar Sandhani on August 20, 2008.



A picture of the students with the marine crew onboard the vessel.