

20th SPG Foundation Day Lectures at Dehradun on August 15, 2011

SPG-India organized 20th SPG foundation day lecture at Mini Auditorium KDMIPE Dehradun on 15th August 2011. Mr. M. Rajagopala Rao, founding President SPG India and Ex. Executive Director- Chief Knowledge Officer, ONGC was the chief guest and Mr. N K Verma, former Vice President APG India and Basin Manager, Frontier Basins was guest of honour on this day. Mr. A.G. Pramanik, former President SPG India and Ex. Executive Director ONGC, Dr. C.H. Mehta, former Vice President SPG India and Ex. Executive Director ONGC, special invitees from industry and academia and members of SPG graced the occasion.



Mr. M.R. Rao, founder President SPG India sharing his views in the foundation of SPG

Mr. A.K. Arya Vice President SPG India while presenting his welcome address emphasized upon revisiting the roots during the journey of an organization to restrengthen the thought process to equip ourselves to serve the professional society in an effective manner at tandem with industries growth. He lauded the efforts of former Presidents of SPG India Mr. M. Rajagopala Rao, Mr. Mr. A.G. Pramanik and current President SPG India Mr. Apurba Saha in making of SPG a professional society to reckon with.



Mr. A.G. Pramanik Former President SPG India sharing his experience in making of SPG

Mr. M R Rao in his speech, narrated the beginning and growth of SPG while Mr. A G Pramanik appreciated the

efforts of SPG executives in developing good image of SPG as professional society in industry and academia. On the occasion Dr. C H Mehta viewed the progress as remarkable over the years.



Mr. A.K. Arya Vice President SPG India presenting memento to Mr. M.R. Rao, founder President SPG India

Mr. A.K. Arya, Vice President SPG India, Mr. K.M. Shukla, Secretary SPG India, Mr. C.B. Yadava, Joint Secretary SPG India and Mr. S.S. Singh, Treasurer, SPG India presented mementos to veteran office bearers of SPG India. On the occasion of foundation day of SPG India, students of Class IX to XII who participated and won in essay and slogan competition were awarded by the chief guest Mr. M.R. Rao, founder President SPG India.



Mr. K.M. Shukla, Secretary SPG India presenting memento to Dr. C.H. Mehta former Vice President SPG India

Mr. M.R. Rao, founder President SPG India delivered thought provoking lecture on 'Objectivision in Decision Making in Exploration' on the occasion of 20th SPG Foundation Day. The talk dealt at length the intricacies of decision making and importance of transmission of skills to younger geoscientists in the field of hydrocarbon exploration. The talk was followed by a lecture dealing with continuous wave transform (CWT) on 'Spectral Decomposition in Thin Bed Analysis' by Mr. Vijayraj from Schlumberger. At last a lecture by Mr. A K Shrivastava covered attributes and reservoir characterization by dwelling on the topic 'Modern Practices in Attribute and Inversion of Seismic Data'

Mr. N K Verma, former Vice President APG India and Basin Manager, Frontier Basins, ONGC summed up proceedings of the 20th SPG Foundation Day. He termed SPG a torch bearer among professional societies narrating its phenomenal contribution to geoscientific community and industry at large. He concluded with the urge that the need of the hour is unification of professional societies in the

upstream sector to synergize their efforts to evolve a unified forum.

At the end Mr. K.M. Shukla, Secretary SPG India presented vote of thanks to dignitaries, invitees, participants and organizers of the 20th SPG Foundation Day.

SPG India at SEG-2011 Conference at San Antonio

SPG India has been participating in various conferences of International level like SEG, EAGE etc. In the recently concluded SEG International Exposition and 81st Annual Meeting of SEG held at San Antonio, USA during 18-23 September 2011, Shri. S.Durgaprasad, Chief Geophysicist (S), E&DD, Dehradun and Dr. S. Viswanathan, GM (GP)-SPIC, Panvel managed the stall of SPG, India. The prime objective of participating in these conferences is to spread and promote the functioning of SPG India, its contribution to the development of Geo-sciences through its year round technical activities of the local chapters, publication of various technical papers in its journal "Geohorizons" and biennial International Conference & Expositions being held in India. This apart,



SPG India's participation also exposes its member professionals to the contemporary global advancements made in the relevant fields through distinguished lecture series in collaboration with SEG and EAGE, which help in skill



enhancement of the members.

The response of the visitors in the SPG India stall at the SEG International Exposition was quite encouraging. The visitors showed keen interest in get to know about SPG and its activities which were aptly explained through different posters showcased at SPG stall. Most of the visitors were from professionals from industries, E & P Companies, University faculties, students and business managers.

The visitors were explained about the forthcoming SPG Conference to be held in Feb 2012 at Hyderabad. They also appreciated the growth of SPG-India in terms of its steady increase in number of members. They also admired the efforts of SPG in furthering the cause and awareness of petroleum geosciences in the region by the way of organising technical lectures and talks by eminent experts in the field and quiz programs.

SPG, India organized EAGE Education Tour-IV at Mumbai on 26th September, 2011

Society of Petroleum Geophysicists (SPG), India organized EAGE Education Tour (EET) IV on "Modern Seismic Imaging: A review of the Techniques, their principles and limitation by Dr. Etienne Robein, Ex-R&D Programme Manager in Geology and Geophysics M/s Total on 26th September, 2011 at Mumbai. More than 45 geoscientists from different E&P service companies working for petroleum exploration in India attended the one day course and got benefited on the important issue of the choice of right imaging techniques. Students from IIT Mumbai and MIT, Pune were also invited by the SPG India to attend the talk. The programme was coordinated by Shri CV Rao, DGM(GP), ONGC and Secretary, SPG Mumbai chapter and started with 'Sarasvati Vandana'. Shri Apurba Saha, ED-Asset Manager Mumbai High, ONGC and President, SPG India inaugurated the programme explaining the importance of the course and introduced Dr. Etienne Robein to the house. Dr. Robein graduated from IFP France in 1973 and has vast professional experience in acquisition, processing and interpretation. He has operational, research and managerial experience in France and abroad in companies like Shell and Elf (now Total).

Various seismic imaging techniques in time as well as depth domain used in oil and gas industry were explained in simple terms and their principles were well illustrated by figures, movies and examples. The merits and limitations of each technique were also pointed out by Dr. E. Robein. The session was interactive by asking questions/opinion from/of



Participants from various Companies from all over India.

the participants by him. The interactive session generated lot of enthusiasm in the participants and left them to opine that such programme should be conducted frequently and for longer duration. Dr. S Viswanathan, GM(GP)-Head SPIC, ONGC Mumbai appreciated the efforts by Dr. E. Robein in explaining each and every imaging technique and hoped that this will enhance skill and experience of geoscientists to select the right techniques of imaging for the given objective of the prospect as there is no single ideal tool for imaging. Participants from ONGC, Oil India, Reliance, Cairn Energy, WesternGeco/ Schlumberger, CGG, Paradigm, HPCL and other companies acknowledged SPG India for providing the opportunity to them by organizing the EET-IV in India. Shri Deepankar Dutta, ED-HGS, Mumbai, ONGC and President SPG, Mumbai Chapter spoke on the concluding session and Sri. C.V.Rao, secretary, SPG, Mumbai chapter presented the vote of thanks.

SPG, Dibrugarh University Chapter was reorganized in a promising note

A daylong meeting for the reorganization of the Society of Petroleum Geophysicists, Dibrugarh University Chapter was held at the auditorium of the Department of Applied geology, Dibrugarh University on September 15, 2011. The honorable Vice Chancellor of Dibrugarh University, Prof. K.K. Deka and other dignitaries, lighting the ceremonial lamp declared the opening of the session. In his inaugural address Prof. Deka expressed his pleasure for the initiative and urged that the experts from the OIL and the ONGCL would serve as the guest faculties in running the M.Tech (Exploration Geophysics) course in the Dibrugarh University. He also requested Dr. Rahul Dasgupta, the President, SPG, Duliajan Chapter to help organizing workshops and seminars for the benefit of the students.

Dr. Rahul Dasgupta in his speech informed the house that the SPG, being associated with the EAGE, AAPG, SPE etc. could transmit activities of this part to those forums in future. Moreover, Dr. Dasgupta was of the view that there would be strong coordination between the industry and the academia through the activities of the SPG.

The inaugural session was followed by a technical session. The first speaker of the session was Dr. Ranju Duarah, Scientist F, NEIST Jorhat and his topic was “*Seismicity status of the Upper reach of the Brahmaputra valley*”.

Mr. T. R. Murali Mohan, DGM(GP), Assam & Assam Arakan Basin, ONGCL was the next speaker of the technical session and he spoke on “*Frontier problems of geophysical*



Distinguished guests from left to right: Dr. P. Bhattacharyya, HOD, Applied geology, Dibrugarh University; Dr. Rahul Dasgupta, President, SPG, Duliajan; Prof. K. K. Deka, Vice Chancellor, Dibrugarh University; Mr. T R Murali Mohan, Vice President, SPG, Jorhat and Dr. Ranju Duarah, NEIST Jorhat

exploration in the NE India – scope for academic intervention”. Mr. Murali Mohan highlighted the constraints in data acquisition especially in the fold and thrust belts. He emphasized the role of tomographical solutions for signal conditioning and ground roll suppression.

The third speaker of the technical session was Mr. Pawan Kr. Singh, Sr. Geophysicist, OIL, Duliajan and he spoke on “*Interdisciplinary nature of geophysical problems & career prospect as a geophysicist*”. Mr. Singh explained in lucid language the nature of the inverse problems.