

SPG, Hyderabad Regional Chapter Organizes

Annual Meeting-2012-2013

The annual meeting (2012-2013) of the Society of Petroleum Geophysicists, Hyderabad Chapter was held at the premises of CSIR-National Geophysical Research Institute, Hyderabad on July 20, 2013. Dr. Bijendra Singh, President of the Chapter formally welcomed the members to the meeting. Appreciating the efforts and progress of SPG activities at Hyderabad Chapter, Dr. Singh mentioned the new gesture initiated by the Chapter in organizing a family get-together along with the general body meeting.

Prof. Mrinal K. Sen, Patron of the Chapter and Director, CSIR-NGRI emphasized the need for propagation of geophysical exploration through increased participation of student members and organization of short courses and workshops at institute level. Deriving inspiration from Society of Exploration Geophysicists (SEG), USA, Prof. Sen mentioned its outreach activities targeted to high school and college students and guiding them through various innovative research projects. He suggested that the SPG Hyderabad Chapter could take up similar activities, which could bring awareness about the indispensable relationship of energy, science and society. He encouraged the members to submit papers on geophysical exploration and allied areas to the Society's journal 'GEOHORIZONS' and proposed to publish a special issue on geophysical exploration including seismic, gravity, magnetotelluric, shallow surface geophysics, geothermal and unconventional energy resources by NGRI scientists and students. He requested Dr Bijendra Singh to coordinate this task and set a time limit of one month for submission of manuscripts.



Dr. V.P. Dimri, Distinguished Scientist, CSIR-NGRI, addressed the gathering and appreciated the activities of the SPG Hyderabad Chapter. He emphasized the need for participation and involvement of the scientists and students in the annual conferences and exhibitions of SPG. On the SPG Biennial Conference to be held later in the year in Kochi, Dr. Dimri asked the researchers to present key scientific results in the form of papers / posters at the conference. He also suggested that local chapter workshops should be organized regularly as part of SPG activities. He noted with happiness the significant increase in membership during the past two years and sought everyone's contribution to raise the membership to about 100 by the next year.

Dr. Sukanta Roy, Secretary of the Chapter presented a brief Annual Report of activities. Notable among them were:

- (i) Successfully organizing the International Workshop on 'Exploration and Exploitation of Shale Gas', held at CSIR-NGRI during 19-20 December, 2012 that attracted six international delegates as well as several national delegates representing the major organizations / Institutes / Companies engaged in shale gas

exploration and exploitation. Students from regional chapters of SPG were also invited to participate. Dr Roy recorded the appreciation by members for the generous support provided by Shri S.K. Das, President, SPG-India to host the International Workshop.

- (ii) Hosting the SEG-South and East Asia 2013 Honorary Lecture by Shri D.P. Sinha on 'Earth Velocity Estimation – Bridge the Gap of Interdependency between Geology and Geophysics' on April 16, 2013.
- (iii) Welcome and introduction of a new life member, Dr. Pallavi Banerjee Chattopadhyay, who recently joined NGRI after completing a postdoctoral assignment in USA. She was previously the President of the Student Chapter at NGRI.

Dr. Roy recorded the appreciation received from members on the Chapter's initiative to add a social event to the Annual Meeting by inviting spouses and children over dinner following the meeting.

Dr. A.M. Dayal, Treasurer presented the financial statement for the year 2012-2013. The statement of Account for the period from 1.04.2012 to 31.03.2013 was approved by the members.

Dr. Ajay Manglik, President Student Chapter, NGRI Hyderabad gave suggestions for encouraging the student participation in SPG events. It was decided to invite the President and Secretary of the Student Chapter to the meetings of the SPG Hyderabad Chapter.

Dr V.K. Rao wondered whether it was possible for the Society to partially sponsor a few retired but active members to the SPG Biennial Conference. Others mentioned that additional financial resources (beyond the sole earning from membership dues) could be generated from the Industry to cater to increased activities of the Chapter.

The meeting concluded with the vote of thanks by the Vice President of the Chapter, Dr. Kalachand Sain.

Activity for the Month of July 2013. SPG Student Chapter **Andhra University, Visakhapatnam.**

A distinguished lecture on “SEISMIC MODELLING AND INVERSION” was delivered by Prof. Mrinal K. Sen, Director, NGRI, Hyderabad at the SPG Students Chapter, Department of Geophysics, AU on 25-07-2013. The lecture was attended by Head, Department of Geophysics Prof. P. Rama Rao, members of SPG, faculty from Earth science Departments of Andhra University and Students of Department of Geophysics, A.U., Visakhapatnam.

Prof. P. Rama Rao, Head, Department of Geophysics, A.U. welcomed Prof. Mrinal K Sen and briefed about the Department and plan of activities under SPG student chapter for the year 2013-14. Prof. Mrinal. K. Sen highlighted the importance of Seismic modeling and inversion through different real case histories and emphasized the role of porosity and density in velocity determinations. Before the lecture Prof. Mrinal K. Sen inaugurated SPG Student Chapter with its new Executive Body constituted for the year 2013-14. The Office bearers of the new body are as follows:

GOVERNING BODY MEMBERS: 2013-14

President	:Prof. P. Rama Rao, Head of the Department
Vice President	:G. Someswara Rao, III M.Sc. (Tech) Geophysics
Secretary	:T. Manoj Kumar, II M.Sc. (Tech) Geophysics
Treasurer	: J. Madan, II M.Sc. Marine Geophysics
Students Event Manager	: D. Suri Babu, III M.Sc.(Tech) Geophysics
Geophysical Field / Industrial Trip coordinator	: M. Siva Rama Krishna, II M.Sc. Marine Geophysics

ACTIVE MEMBERS

1. P. Lavanya, II M.Sc. (Tech) Geophysics
2. B. Madhavalatha, II M.Sc. Marine Geophysics
3. D. Hanumanthu, II M.Sc. (Tech) Geophysics
4. D. Gopinadh, II M.Sc. (Tech) Geophysic
5. V. Lakshmana Rao, II M.Sc. (Tech) Geophysics

Preliminary round of Quiz competitions in Earth Science was conducted for Visakhapatnam high school students on 27-07-2013 at 3:00 P.M by SPG student's chapter, Department of Geophysics, Andhra University. Thirteen schools from Visakhapatnam, namely A.U. English medium school, Saint Antony school, Quincy school, A.P.S.W.R. Centre of Excellence school, Sri Prakash Vidyanikethan 4 branches (TPT branch, Seethamadhara branch, Pendhurti branch, Upland Asilmetta brach), Alwardas Public school, Timpany school, Sri Chaitanya, Little Angels, A.P.T.W.R School, participated along with their science teachers. Ten schools were short listed out of thirteen schools for the final round and are as follows as per their ranking.

1	Timpany School	6	Sri Prakash Vidyaniketan, Seethamadhara Branch
2	Sri Prakash Vidyaniketan, TPT Branch	7	Little Angels
3	Alwardas Public School	8	Sri Prakash Vidyaniketan, Uplands Asilmetta
4	Sri Prakash Vidyaniketan, Pendhurti	9	APSWR Centre of Excellence – B
5	Sri Chaitanya Techno Schools	10	APTWR School, Marikavalasa
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Prof. I.V. Radhakrishna Murthy, a renowned expert in Gravity & Magnetic interpretation and National Mineral awardee delivered special lectures for two days i.e., on 29th & 30th July, 2013 on “what is gravity anomaly?” Through his lectures, he highlighted the significance of series of corrections applied to gravity data and oriented the students to solve a variety of problems useful for CSIR-NET exam.

Dr. Nirmalendu Bhattacharya, Retired Deputy General Manager, ONGC, gave a Popular talk on Natural Gas, the Indian scenario and the related aspects on 29-07-2013 and responded to several clarifications asked by students.

Prof. P. Rama Rao, Head of the Department, explained the importance of earth sciences and the career opportunities to the participating students at the beginning of the Quiz competitions. All members of SPG student chapter and the faculty of Geophysics Department participated in this event, along with parents, supporting students of the respective schools and their teachers. The final Quiz will have a Semi Final Round from which three schools will be selected for Final Round. The Topics for final Quiz competitions were also circulated to ten schools. The final round will be conducted on 03-08-2013 in the department of Geophysics.



Prof. Mrinal K. Sen delivering his talk on “SEISMIC MODELLING AND INVERSION”



“What is Gravity anomaly ?” A special lecture by Prof. (Retd.) I.V. Radhakrishna Murthy of Geophysics, A.U



Dr. N. Bhattacharya, Deputy General Manager (Retd.) ONGC, delivering his Lecture on “NATURAL GAS”



Preliminary round of Quiz competition on 27-07-2013.



Quiz Master conducting Quiz competition to High School Students. Few Faculty members are also seen.



Prof. Mrinal K. Sen, Inaugurating the SPG Students Chapter at Dept. of Geophysics, A.U. on 25-07-2013

SPG-Mumbai Chapter Organizes Quiz Competition

Mumbai Chapter of Society of Petroleum Geophysicists organized a Quiz for secondary and higher secondary schools students on 30th July, 2013 at SPIC, WOB, ONGC, Panvel. More than twenty schools located in Mumbai/Navi Mumbai were contacted for sending a team of two students for participating in the quiz competition. With the constant persuasion with the schools by SPG executive members, 14 schools confirmed their participation. Heavy rain on the day could not dampen the enthusiasm of the teams and out of fourteen schools confirmed for participation, thirteen team reached on time. Kendriya Vidyalaya, Koliwada could not send the team due to heavy downpour in the area.

The programme started with opening remark by Shri D. Chatterjee, GM(GP)-Head SPIC, ONGC who encouraged students to opt Geo-science/Geophysics as the subject for their career. A lot of opportunities in India as well as internationally are available for them in these subjects. A presentation was made by Mr. DRR Satti on the occasion about the SPG, its regional & student's chapters; activities of SPG, about the earth-science subjects and what do geophysicists do? What are the various applications of Geophysics? And which are the companies/institutes involved in geophysical activities in India? This was well appreciated by many teachers and students which was evident with their feedback taken from the teachers in the end of programme. In-fact, our objective was fulfilled well before the starting of actual quiz. Glimpses of past conference and exhibition as well as geophysical activities were also shown to encourage them to put their best to win the competition for securing the invitation to participate in quiz competition during Kochi-2013.

All the team members were introduced to the house before the start of quiz. In Preliminary round questions from Physics, Chemistry, Biology, History and General Knowledge in different formats of quiz were asked. Team of Kendriya Vidyalaya, ONGC, Panvel could not make to the next round however this was the team who attempted most of the questions (answering either right or wrong) in all the round including buzzer round. Top seven teams from this round were selected for final round. The final round witnessed a tough competition and there was a tie for third place. Hence, a round was extended to decide the second runner-up. Team of Master Sparsh Maurya & Master Arjeet Ghosh of Kendriya Vidyalaya, IIT, Powai was the winner and will be participating in School Quiz to be held during Kochi-2013. Teams of Apeejay School, Kharghar and Kendriya Vidyalaya No.2, Colaba were first and second runners up respectively.

Mementoes were given to all the teachers and participating students. The winning team, first and second runners-up were awarded with the prizes. Travelling expenses were also reimbursed to all the teams. Programme concluded with the vote of thanks by Mr. Lavendra Kumar on behalf of SPG India. Management, Principal, Teacher and Students of all the participating schools were acknowledged for accepting the invitation from SPG and participating in the event. Encouragement and support from ONGC Management; Shri D. Chatterjee, GM(GP)-Head SPIC, Quiz Master Shri U. Bhattacharjee, DGM(GP),ONGC and Judge Shri CV Rao, DGM(GP), ONGC were also acknowledged.

The Glimpses of the Events



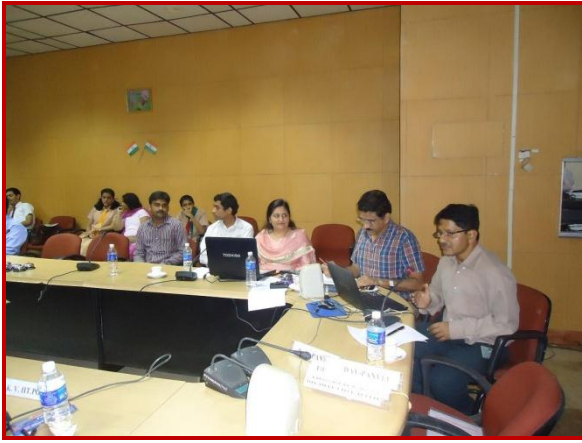
Opening Remark by Shri D. Chatterjee, GM(GP)-Head SPIC to the house



Presentation on SPG activities



Team from DPS, Nerul being introduced



Quiz Master and his team



Shri CV Rao, DGM(GP)- Judge



Quiz in progress



Feedbacks from the teachers



Team of KV-2, Colaba; Third Prize



Team of Apeejay Kharghar; Second Prize



Team of KV-IIT, Powai; Winner



KV-IIT Powai Team with their teacher