

ANNUAL INDUSTRY INSTITUTE INTERACTION PROGRAM 2011

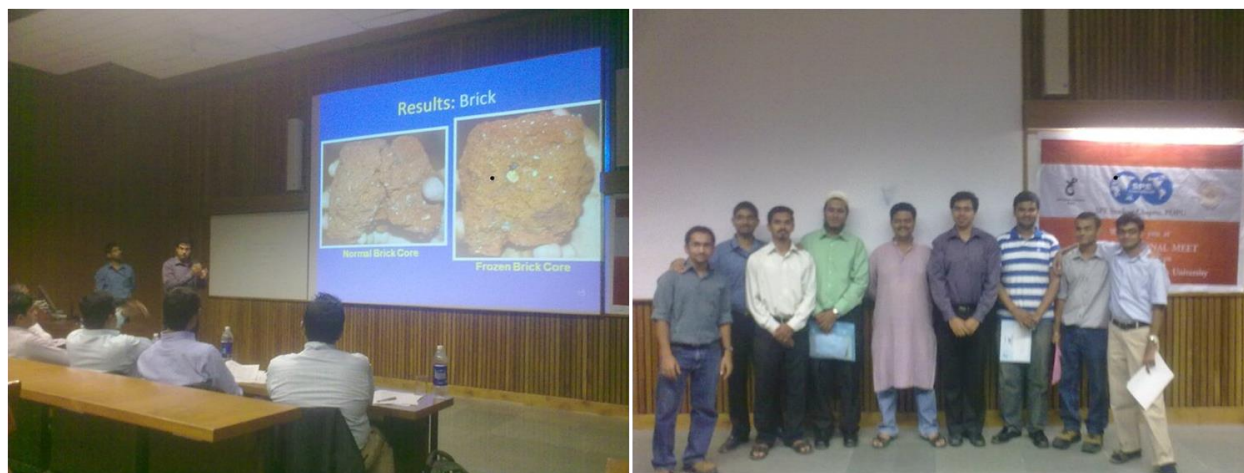
SPE MIT STUDENT CHAPTER ACTIVITIES

The MIT-SPE Student Chapter (No. 5684) takes an active part in undertaking lot of student-centric activities throughout the year. The students from Second, Third and Final Year are encouraged to join SPE and enjoy the fruits of membership.

Due to the persistence and enthusiasm of its members, the Student Chapter won the Gold Standard for 2011.

Only 25 out of more than 200 student chapters throughout the world won this coveted award. The Gold Standard is an exceptional standard at which the student chapter performs in the categories of membership, planning, education, professionalism, service, support, and fundraising. As a result, the chapter has been formally invited to the 2011 Annual Technical Conference & Exhibition (ATCE).

Additionally SPE offers a number of opportunities for the students to attend various conferences and seminars. Students from Third and Final Year have also attended various “Distinguished Lectures” organized by SPE Mumbai Section. Members of MIT-SPE Student chapter have served as scribes and student delegates at various Oil and Gas Conferences being hosted in India.



MIT Students participating in the SPE Sub-Regional Contest at PDPU

The students have participated in various contests and conferences have won laurels at various levels:

- a) Mr. Kutbuddin Bhatia and Mr. Levin Chacko presented a paper “Ni-Fe nanoparticles: An Innovative Approach for Recovery of Hydrates” in SPE Regional Paper Contest after winning 2nd prize at the SPE Sub-regional Contest. They secured 2nd position among contestants from various countries. This paper has also been selected for 2011 Brazil Offshore Conference and Exhibition.
- b) Mr. Aman Arora, Mr. Chaitanya Padalkar and Mr. Abhishek Bihani won the 3rd prize at the SPE Sub-regional contest for their paper titled “Sidewall Coring : Advanced In-Situ Freeze Core Technique”. This paper has been selected for the International Petroleum Technology Conference, 2011 in Thailand.
- c) Mr. Abhishek Punase presented a paper- “Soybean Slurry - A New Effective, Economical and Environmental Friendly Solution for Oil Companies” at SPE Middle East Turbo Machinery Symposium Doha, Qatar in February 2011.
- d) A paper titled “In-situ combustion using Sugar dust” by Mr. Panchamlal has been selected for presentation in 2011 Asia Pacific Oil & Gas Conference and Exhibition, Jakarta, Indonesia.
- e) Mr. Saket Javeri, Mr. Zishaan Haindade and Mr. Chaitanya Jere’s poster on “Mitigating Loss Circulation & Differential Sticking Problems Using Silicon Nanoparticles” has been selected for exhibition at SPE/IADC Middle East Drilling Technology Conference 2011.

The current membership of the MIT-SPE student chapter exceeds 150 which include students’ from F.E to B.E. and M.E as well. The chapter holds meetings regularly for organization of various events and guest-lectures conducted round the year.

Following was the Executive committee of MIT-SPE Student Chapter 2011

President	Abhishek Bihani
Vice President	Ajit Muley
Secretary	Jitin Kazhakupurayil
Treasurer	Sharanya Sharma

SPE MIT STUDENT CHAPTER AIIP AND RELEASE OF MITSPECK 2011

The SPE Students Chapter of MIT organized its Annual Industry Institute Interaction Program 2011 on the 18th, 19th and 20th March 2011. A symposium, “New and Innovative Technology in Upstream Oil Industry” was organized as a part of the month long series of technical competitions. The prize distribution

function and panel discussion were held on the 19th evening for which Mr. P. K. Borthakur, Executive Director, Asset Manager, Bassein and Satellite, ONGC, Mumbai, was the Chief Guest.

The symposium was divided into two parts

- a) Presentations of innovative ideas by students and
- b) Panel discussion and Industry Institute Interaction

The Student Paper Presentation contest was held on Saturday, 19th March, 2011. The contest was based on the guidelines provided by SPE International and was judged by six eminent professionals who were drawn from oil and gas industry in India and outside.



Industry Judges and Student Paper contestants for the Paper Presentation Contest

- 1) Dr. Joneik Hage, Lead Petroleum Engineer, Shell Bangalore,
- 2) Mr. S. R. Athawale, Executive Director, ONGC
- 3) Mr. Juju Mathew, Head, Oil and Gas Division, L & T, Mumbai,
- 4) Mr. Arnabh Mukherjee, Sr. Scientist, Nalco, Pune,
- 5) Mr. Wilfred Lazarus, Drilling Engineer, Schlumberger,
- 6) Mr. Vikash Schlumberger, Mumbai and
- 7) Mr. Sanjay Lale, Chief Engineer(D).

Following papers were presented by students during the contest:

Enhanced CBM	Amit Raina
Shortcrete for Cementation	Abhishek Rai
Freeze Coring	Aman Arora
Elastomer Plunger	Prajakta Kulkarni
Independent Rotating Cone Bit	Nitin Gandare
Stop Gas Coning by Sago	Aaditi Jaiswal
New Gas Hydrate Recovery Using Nano-particles	Kutubddin Bhatia
Lamp Black in Casing for Annular Pressure Buildup	Avi Jakulwar
Electrolysis for CBM Wells	Abhishek Bihani
Relative Permeability Modifiers Smart Biopolymers	Anshul Gupta
Aloevera for Hole Problems	Kunal Bachav
Magnetic Field Induced SRP	Aditee Kulkarni
Condensate Blockage Reduction by CMG	Lokranjan Mishra
EOR Surfactant Screening Study	Mohammed. N
Drilling Jars Using Ferrofluids	Sadaf Chisti
Scale Inhibitin using Silicate Nanoparticles	Deepak Kumar

During the lunch break, the poster presentation and photography competition was held judged by Dr Joneick Hage, Lead Petroleum Engineer, Shell Bangalore and Mr. Suryakant Pande, HR, Shell Bangalore.

SPEECHES & PANEL DISCUSSION

The panel discussion and prize distribution was held on March 15, 2011.

Dr. L. K. Kshirsagar, Principal, MIT-Pune, felicitated the Chief Guest, and other distinguished Guests of Honour on the dais and acknowledged the help from the industry. He also thanked Petroleum Industry Experts and alumni for attending the function and encouraging the young Petroleum Engineers.

Mr. Abhishek Bihani, President, MIT-SPE Student Chapter, spoke about the chapter achievements.

Dr. P. B. Jadhav, Head, Department of Petroleum Engineering, highlighted the achievements of the department and the help we are constantly receiving from SPE Mumbai and alumni.

Mr. P. K. Borthakur encouraged the students to opt for blue collar jobs, as they are the foundation blocks for the oil industry.

Dr. L. K. Kshirsagar, chaired the panel discussion for which the theme was “It Will Never End”. The panelists were Mr. P. K. Borthakur, Dr. Tarun Chakraborti, Head, ONGC Academy, Dr. R. V. Marathe, Dr. Joneik Hage, Principal Reservoir Engineer, Shell Technology Center, Bangalore, Dr. S. V. Deshpande, Cambay Petroleum, Mr. Abhijeet Baneerjee, HR Manager, Weatherford, Ms Laxshmi Suresh, Mr. Atul Rathod, Mr. Sumit Bhat, Mr. Vikash Kumar, Mr. Juju Mathew, Mr. U. Singh Jadon, BG India.

Many industry professionals present in the audience also participated in the interaction session. They all agreed that hydrocarbon resources will never end and there is a great need to explore unconventional sources like shale gas, CBM and gas hydrates.

Girls were keen in asking questions pertaining to work culture and opportunities in the petroleum Industry. Dr Achala Danait and Mrs. Laxmi Suresh answered their queries.

An exhibition was also organized as a part of AIIP giving details of achievements of the Petroleum Engineering Department in last twenty five years.

Abhishek Bihani explained the history of events to Dr. Chakraborti, Dr. Marathe, Dr Joneick Hage and Mr. Borthakur.

Mr. Sumit Bhat, alumnus and Country Manager, Production Enhancement, Halliburton, gave the “LNNN Scholarship” to Mr. Nishant Panigrahi.

Dr. Joneik Hage announced the “Shell Outstanding Student Award” which went to Kutubidin Bhatia of Final Year Petroleum Engineering. This was inclusive of a cash award of 10,000 rupees, and a certificate

The icing on the cake was the announcement of the **ONGC Scholarship** by Dr. Tarun Chakraborti, Head, ONGC Academy, Dehradun, who formally signed an MOU with Dr. L. K. Kshirsagar, offering two scholarships, one each for undergraduate and postgraduate student.