

SEG ANNUAL REPORT 2018-19

PANDIT DEENDAYAL PETROLEUM UNIVERSITY, INDIA

April
11, 2018

3. Selection of Chapter Officers





August
'18

4. Introductory Session (August 3, 2018)



Freshers undergoing SEG-SPG_EAGE PDPU Chapter Orientation and Introductory Session

5. Workshop on MATLAB by Dr. Dishant Pandya (August 11-12 , 2018)



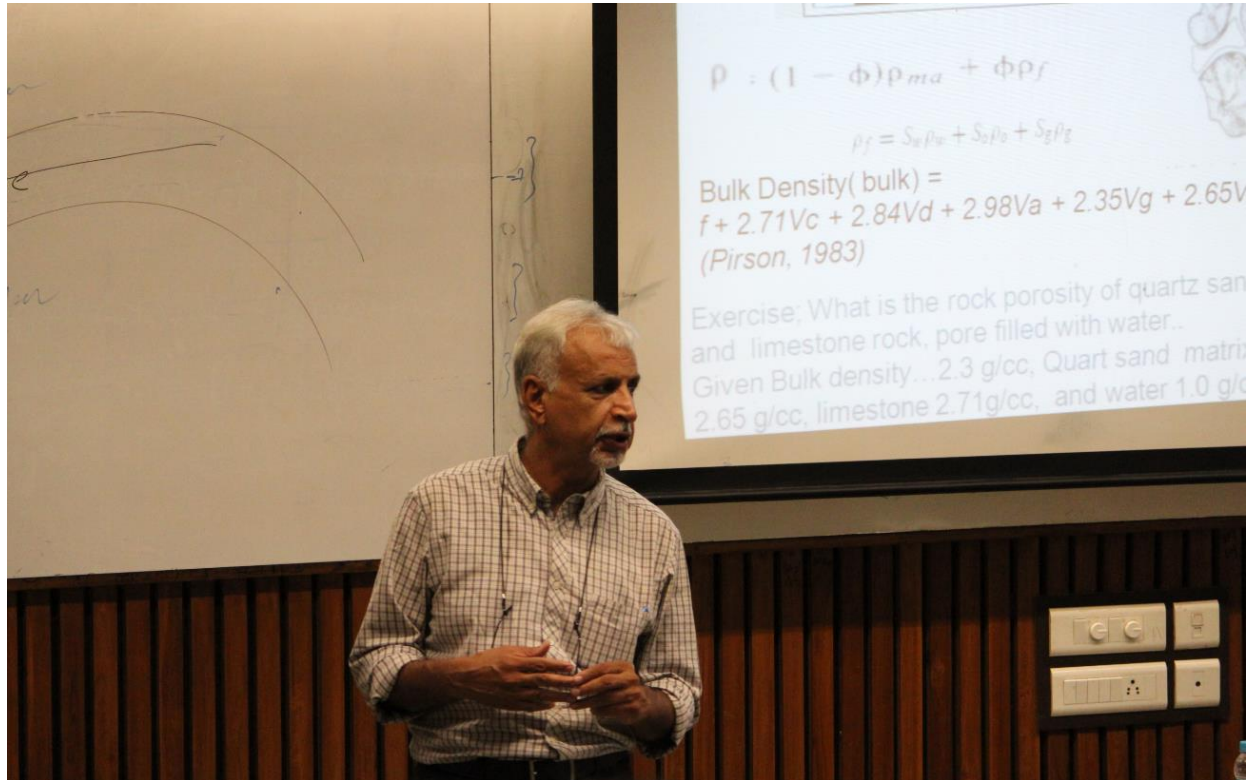


7. RIG VISIT (August 20,2018)



September 12, 2018

GUEST LECTURE By Dr. Naresh Khatri on Petroleum Exploration



November 19, 2018

SN BOSE Memorial Conference on Macromolecular Characterization of Coal and Hydrocarbon Components for Future









January
-15,
2019

3. SEG Distinguished Lecture on “ Reservoir Characterization of the next generation –
by Subhashis Mallick “



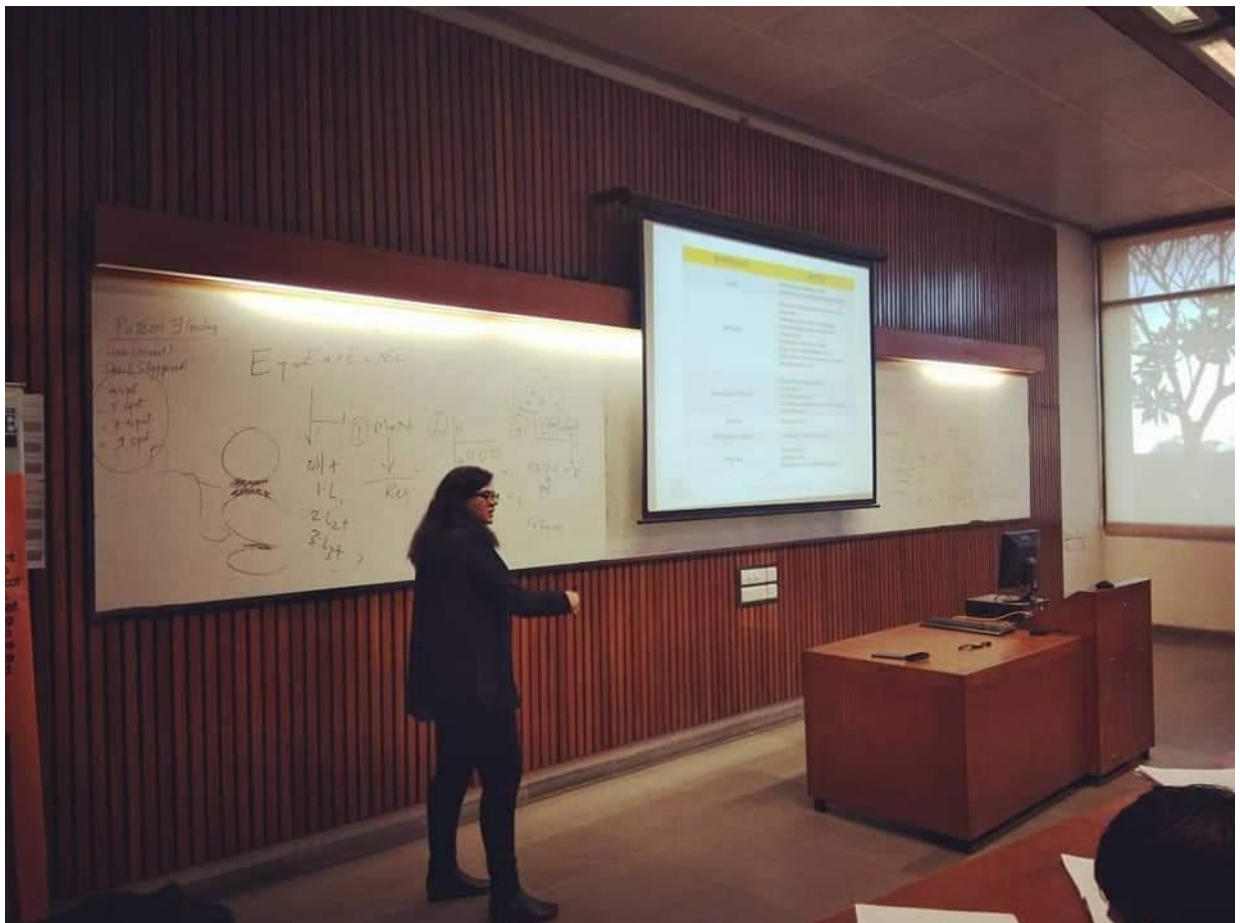
Nov'18
– Feb
'19

SOFTOPHILA – Workshop on CMG, Prosper, MBAL, Decline Curve Analysis



Feb 23,
2018

KNOWLEDGE_QUEST 1.0



Date: 11th-12th August, 2018

Event: Guest Lecture by Dr. Dishant Pandya

Timing: 9:00AM-5:00PM

Venue: PDPU, C-Block, Lab-1

Overview:

"Wisdom is not a product of Schooling but of lifelong attempt to acquire it."

Workshops are one of the most significant and important events conducted by SEG-SPG-EAGE PDPU Student Chapter. After assessing the need of a popular Software 'MATLAB', a Two day workshop was conducted by SEG-SPG-EAGE PDPU Student Chapter in collaboration with FIPI PDPU Student Chapter. In this Two day workshop, most of the concepts right from the basic operators to advanced programming were covered in detail. Dr. Dishant Pandya tirelessly explained the steps involving the programmes and assisted the students in case of queries.

The Students attended the workshop sincerely and got to learn the software which would help them in their professional lives.

Name of Event: Rig Visit 2018

Date of Event: 20 august, 2018

Location of Event: ONGC Ahmedabad Asset

Attendees: B. Tech Students from 1st, 2nd and 3rd year

Duration: 6 hours

"Knowledge is of no value unless you put it into practice"

We at SEG-SPG-EAGE PDPU Student Chapter exhorted it by organizing "A Drilling Rig Visit" for the First and Second year students on September 14th and September 17th. The visit was aim to give students the exposure to Rig Life and Hands on Experience of some drilling Operations. Students were briefed on each and every tools on the rig. We are delighted to have constructive feedbacks from the students and wishes them a very successful journey ahead.

We Sincerely appreciate the Support and Encouragement accorded by Oil and Natural gas corporation Ltd., ONGC and our Mentors Mr. Hari Ganesh and Mr. Manan Shah during the visit.

Date: 29th August, 2018

Event: Guest Lecture by Mr. Hemang Hajariwala

Timing: 16:00PM-18:00PM

Venue: PDPU, C-Block, LH-1

Overview:

"Safety is the utmost priority in Oil and Gas Industry."

The 1st event of the SEG-SPG-Eage week 2.0 was based on the 'Industrial Safety in Petroleum Industry'. Our guest Mr. Hemang Hajariwala, who has been an HSE coordinator at Shell (Hazra), delivered a lecture on safety in not just petroleum but as well as any type of industries. He started the session with a discussion on some industrial safety related words like Risk assessment, near miss, accidents and incidents etc. He conveyed us that how safety is very important topic in any industries and how most of the industries keep neglecting it and finally it results into loss of lives of many employees. Then, he discussed the hierarchy of controls during some incidents or accidents. The session also included the steps to be taken by industries which are facing some hazards. After this, he took the session towards petroleum industries in which he discussed some main hazards faced by the industry and how they can minimize these risks. He also talked about H₂S gas which comes out of the earth surface during petroleum exploration, how it affects the employees working in the industry and how the incidents happening due to H₂S can be minimized. Finally, he shared some past incidents happened in the industries due to careless nature and miscommunication happened in the industries. After the event our guest was felicitated with a memento.

Date: 12th September, 2018

Event: Guest lecture by Shree Naresh Khatri on Petroleum Exploration and Well Logging

Timing: 11:00AM-01:00PM and 02:00PM-04:00PM

Venue: PDPU, C-Block, LH-3

Overview:

Petroleum exploration and well logging are two very important things when it comes to oil and gas industry. Our guest Shree Naresh Kumar Khatri who has been a DY General Manager of Geophysics department in ONGC delivered a lecture on 'Introduction to Petroleum Exploration and Well Logging: Basic to Advanced'. The whole event was divided in two sessions, the first session was on petroleum exploration and the second was on well logging. In the first session, sir conveyed that how our knowledge about the formations beneath the earth and proper techniques for drilling leads to maximum amount of oil exploration. He taught that the Exploration process includes the study of hydrocarbon deposits beneath the earth. So, your proper knowledge in petroleum geology helps you getting oil from the earth. In the second session, sir delivered lecture on Well Logging Interpretation. He conveyed that well logging is basically a detailed record of geological formations penetrated by boreholes. He laid out different types of logging, borehole imaging and also about porosity logs, and lithology logs. With this, the event ended successfully and SEG-SPG-EAGE student chapter felicitated Mr. Naresh Khatri with a memento.

Date: 21st february,2019

Event: Enhanced oil Recovery Workshop

Timing: 1:45PM-4:00PM

Venue: PDPU, C-Block, Lh-4

Overview:

“To Contrive is nothing, to Construct is something and to Produce is everything!”

-Edward Rickenbacker

With an aim to enhance SPTians knowledge in the domain of the core Petroleum Topics, we organized another Informative workshop event, the “Knowledge Quest 1.0” .The First workshop under the Knowledge Quest was on Enhanced Oil Recovery. This lecture was conducted by SEG-SPG-EAGE PDPU Student chapter which was delivered by the core committee members of the student chapter Sachin Nambiar, Simran Dhingra and Nahid.

Topics that were covered,

-Types of Recovery

-EOR vs IOR

-Chemical EOR

-Thermal EOR

-Microbial EOR

-Gas injection

-Low Saline water flooding

-Selection criteria of EOR

We hope this knowledge will help the attendees to outstand in interviews and in their professional life.

Duration: fall 2018 and Spring 2019

Event: "SOFTOPHILIA"- A 7 software Workshop events

Timings: 10:00am to 5:00pm on weekends

Venue: PDPU, C-Block, Lh-1

Overview:

"Software is a great combination between artistry and engineering" - BILL GATES

To Upskill the expertise and enhance students knowledge in the domain of software, our chapter has launched "SOFTOPHILIA"- A 7 software Workshop events, that aims to cover the main aspects of Reservoir, Production and Geophysics.

DAY-1 16th Nov'18

The session was organized to give brief introduction to the students regarding the Decline Curve Analysis falling under the Reservoir Category.

Day-2 17th Nov'18

The session organized was to give brief introduction to the students regarding the RESERVOIR MODELLING AND SIMULATION falling under the Reservoir Category.

Day-3 9th Feb'19

The session organised was to enhance the knowledge on Monte Carlo Simulation, Volumetric and Recovery Factor Calculations and Material balance simulation Using MBAL.

Day-4 24th Feb'19

The session organised was to give detailed Introduction to Artificial Lift system and Modelling of ESP through PROSPER Software.

Chapter Respects and is thankful to our seniors Mr. Sachin Nambiar ,Ms. Nahid Shaikh, Mr. Dipal Patel, Ms. Simran Dhingra, Mr. Rajesh Tundiya and Mr. Subhramaniam Chandra who gave there constant efforts for mentoring the events. Mentors also prepared and provided quality Materials and Softwares to the attendees, including Modules, Presentations and books.

All the attendees appreciated the efforts of the chapter and especially the tutors as most of the doubts of the students were cleared after the session.

Chapter is thankful to all the Mentors for providing such a great opportunity and enhance our knowledge