



PDEU PANDIT
DEENDAYAL
ENERGY
UNIVERSITY

Formerly Pandit Deendayal Petroleum University (PDPU)

UGC RECOGNIZED



IADC

PANDIT DEENDAYAL
ENERGY UNIVERSITY
STUDENT CHAPTER

2020-21 Annual Report

IADC PDEU Student Chapter

School of Petroleum Technology
Pandit Deendayal Energy University
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About PDEU

Pandit Deendayal Energy University's 100 acre campus is located in Gandhinagar, which is the capital city of Gujarat and located 23 Km North from a well developed city called Ahmedabad with a population of 8 million people. The city is famous for its remarkable cultural development and social life.

PDEU offers multiple courses ranging from engineering, arts and management along with maximum exposure and opportunities to its students through various national and International exchange programs with Best Universities worldwide. For development of its faculties and staff the University endeavors for various Joint Exchange and Research programs.

PDEU's vision is to emerge as a world class Institution of Excellence in Energy Education, Research and Innovation which will prepare and sensitize the youth and ultimately the society for radical yet sustainable societal transformation.

PDEU's mission is to undertake unique obligation for Education in Energy Engineering and Management with special responsibilities in domain specific aspects of Energy & Infrastructure. To seek to nurture students of extraordinary motivation and ability and prepare them for life-long learning and leadership in an increasingly knowledge driven world. Envisage to establish institutes of excellence in education, competitive edge in research and real time relevance with futuristic thrusts in offering of programmes and undertaking of activities and projects.



About IADC PDEU Student Chapter

IADC PDEU Student Chapter formerly IADC PDEU Student Chapter was established on 28th September, 2020 in the presence of Mr. Mike DuBose, (Vice President, IADC International Development) to be the only second IADC student chapter in India and ninth in the world.

In a very short period of time since its inception, IADC PDEU SC has marked its presence on the campus by conducting a series of Distinguished Lectures, Workshops, Technical skill enhancing seminars as well as soft skill development sessions.

Our aim at IADC PDEU SC is to help the students bridge the academia-industry gap and make them skilled and deployable in various facets of the industry.

Mission & Vision

- IADC-PDEU Student Chapter envisages in providing an interactive platform for the members to engage with the global drilling industry for meeting present and future requirements
- Stimulate young minds technically as well as professionally through skill-training and exchange of innovative technical knowledge by industry leaders around the globe
- Promote research interest for developing safer, reliable, efficient and eco-friendly solutions to present industry constraints



Inception of IADC PDEU Student Chapter

'Adjusting to Changing Times, Still Holding On To Unchanging Principles'

IADC Student Chapters provide an avenue for students to connect to global IADC activities, drilling industry professionals, and the industry as a whole. Chapter activities typically include opportunities to meet and exchange ideas, socialize, and learn about the drilling industry.



SPT-PDEU inaugurated the IADC - International Association of Drilling Contractors student chapter PDEU on 28th September 2020. It is the 2nd student chapter of IADC in India after MIT IADC Student Chapter.

The inaugural ceremony of the IADC PDEU student chapter was organized by SPT administration and Faculty mentor Mr. Gaurav Hazarika and Dr. Hari Sreenivasan along with the newly selected Office-Bearers of the Chapter on MS teams. Renowned dignitaries such as Mr. O.P Singh (Director T & FS, ONGC), Mr. Mike Dubose (Vice President, IADC International), Mr. Arun Karle (President, Askara Group) and many more were invited from the domain of the oil & gas industry.

The event got the enormous response during registration and was attended by most numbers of the invitees of the oil and gas industry such as Mr. Hisham Zebian, Mr. S. C. Soni, Mr. Ajit Kumar Hazarika, Mr. Aniruddha Pattnaik, Mr. Kanchan Kumar and many more.



The inaugural ceremony started virtually at 18:30 IST from the board room of PDEU. The dignitaries, faculty members, and students were greeted by the host Ms. Vidhi Bhalodia and Mr. Jayesh Bellani of the IADC PDEU SC. Over 100 students have joined the event and showed their support to the IADC-PDEU Student Chapter. Mr. Mike Dubose initiated the event, followed by address of Mr. Arun Karle. Due to unavoidable circumstances Mr. O. P. Singh could not join the event. Mr. Mike Dubose shared the presentation to give insights about IADC International. After which he declared the IADC PDEU Student Chapter open on virtual ceremony.



MIT IADC SC also participated with zeal in the ceremony and shared their journey through their inception in the inauguration ceremony. Highlights of PDEU were presented by the faculty Mentors of IADC PDEU SC along with a way forward plan of SC and was followed by the address of Dr. S. Sundar Manoharan (Director General, PDEU), Dr. R. K. Vij (Director SPT, PDEU), Prof. Subhash Shah (Shell Chair Professor, SPT, PDEU).



Faculty mentor announced the Office Bearers of IADC PDEU Student Chapter in which Mr. Parag Bhoraniya was selected as Chairman, Mr. Smit Prajapati as Vice-Chairman, Mr. Kripal Patel as Secretary and Mr. Virag Poshia as Treasurer for the year 2020-21. Various questions were asked during the Q&A session by the industry professionals and students which were addressed by Mr. Mike Dubose.



The Chairman of the IADC PDEU Student Chapter has addressed the virtual gathering and has announced the selected Executive Committee members of the chapter for the year 2020-21. A vote of thanks was given by Mr. Smit Prajapati (Vice-Chairman, IADC PDEU SC) and the virtual ceremony ended with a lot of joy and enthusiasm at 20:00 IST.

A special thanks to all the dignitaries, guests and participants for the successful accomplishment of the event.



International Well Control 2020 Conference & Exhibition



The conference began with a keynote presentation by Mr. Lars Jorgensen, Regional Director, IADC Europe and culminated with an eminent panel discussion.

The presentations covered a variety of topics all the way from well design & planning to blowout prevention technology. It not only introduced us to some of the challenges being faced but also shed light on the feasible solutions and how they are being tackled in the industry.

Introductory Session for PDEU Students

"Tell me and I forget. Teach me and I remember. Involve me and I learn"

Date	20th October, 2020
Time	6:30 PM to 7:30 PM
Platform	Online (Microsoft Teams)

After a resplendent inaugural ceremony, it was time to introduce IADC PDEU Student Chapter to the students of PDEU. Therefore, IADC PDEU SC core committee members decided to organise introductory session. The introductory session was hosted by IADC PDEU SC core-committee members.

During introductory session, Dr. R.K. Vij (Director, SPT) was also there. He talked about IADC organisation and its benefits to the students. He also talked about how the IADC PDEU SC will help students for their personal growth.



In this session, we talked about mission & vision of IADC PDEU SC, Annual agenda, how students can join IADC PDEU SC, what are the benefits for joining this student chapter, about other IADC Student Chapters around the world. We also clarified students doubts regarding student chapter by Q&A Session.

At the end of introductory session, we also organized a Quiz. We also gave existing prizes to the winners of the Quiz.

IADC Annual General Meeting

Date	4-6 November, 2020
Organiser	IADC International
Platform	Online (Zoom)

IADC's 80th AGM celebrated the achievements of the industry and the Association as well as hosted many notable speakers providing their invaluable insight and outlooks to attendees. 20 students from PDEU got a chance to attend that Annual General Meeting.



In a series of keynote and panel discussions, IADC's 2020 AGM covered a variety of topics. Keynotes speaker Dale W. Bradford, VP of Global HSE at Murphy Exploration and Production Company, discussed how he and his firm have focused on health, safety, and competency initiatives during the downturn to ensure that they are navigating this market slump the best way they can.

Clay Williams, Chairman, President & CEO at National Oilwell Varco, delivered his company's 67th Annual Rig Census and associated contractor survey, covering how the slump in demand affected the active rig count this year.

It was a great exposure for the participants to explore about the ongoing in the drilling industry and hearing from drilling experts. Virtual presentations from industry stalwarts were really helpful and aspiring.

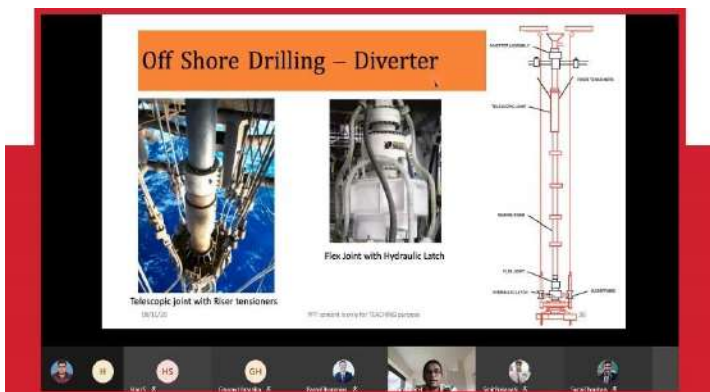
Webinar on Introduction to Onshore & Offshore Drilling Practices

"Learn as though you would never be able to master it; hold it as though you would be in fear of losing it"

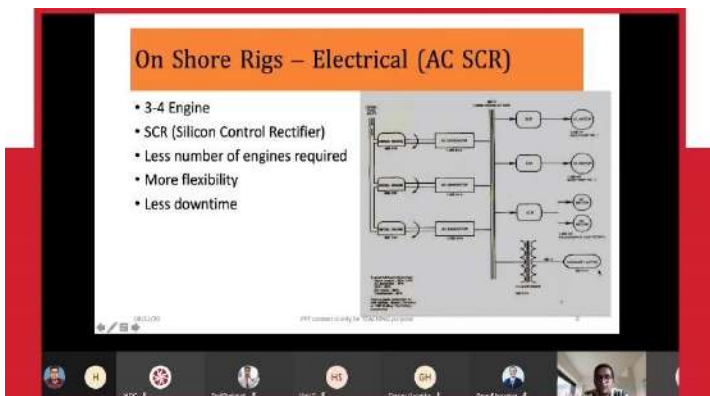
Date	8th November, 2020
Time	4:00 PM to 5:30 PM
Platform	Online (Microsoft Teams)

IADC PDEU SC conducted a webinar on the topic of "Introduction to Onshore & Offshore Drilling Practices" by Mr. Dipal Patel. He is an alumnus of the Pandit Deendayal Petroleum University itself and is currently working as an Assistant Drilling Engineer in ONGC.

From the very beginning, He tried to keep the session as much interactive as possible. Him being from the industry, knew exactly what was missing in the current syllabi and thus he covered a lot of aspects of the drilling subject which are not taught in the classroom.



Major topics covered during the session were Drilling Rig types, both onshore and offshore, Types of drilling equipment's used, and various stages of drilling operations. Real images of several industrial equipment's and accessories were shown for the sake of clear and better understanding.



In the end, the number of questions asked in Q&A round was a lot more than one would have expected. However, it is noteworthy that he answered them all to the point in a very plausible manner. He not only cleared the smallest queries of the final year students but also guided the first-year students on how to approach the wonderful journey of Petroleum Engineering.

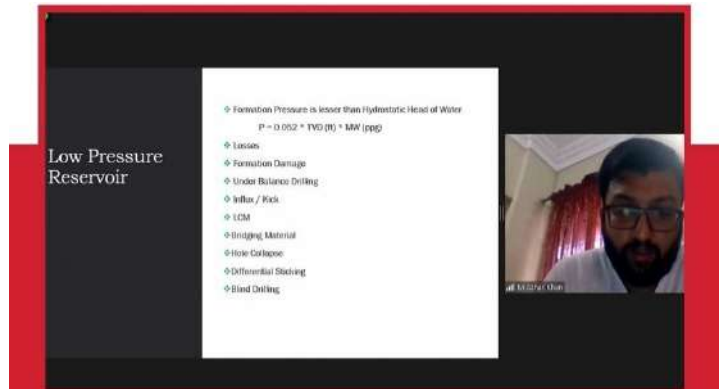
Webinar on Drilling Challenges in low Pressure Reservoir

"An investment in knowledge always pays the best interest"

Date	22 November, 2020
Time	10:00 AM to 11:30 AM
Platform	Online (Microsoft Teams)

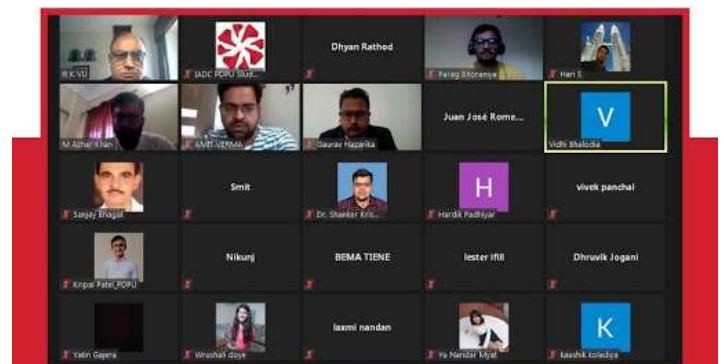
IADC PDEU SC conducted a webinar on the topic of "Drilling Challenges in low Pressure Reservoir" by Mr. Muhammad Azhar Khan. He is currently working as a Drilling & Workover Specialist.

The session was started with the speech of Dr. R. K. Vij, Director SPT. In his speech he explained that the importance of this webinar and how this topic will help in understanding more aspects of drilling engineering to the participants and he also welcomed the presenter of webinar Mr. Muhammad Azhar Khan. Then Further webinar was taken over by Mr. Muhammad Azhar Khan.



Major topics covered during the session were ways to overcome specific challenges in different wells, Challenges in HPHT wells, Factors affecting during low pressure reservoir drilling, important aspects while dealing with such reservoirs. The session was followed by a Case study which helped the participants in gaining a practical understanding of the topic.

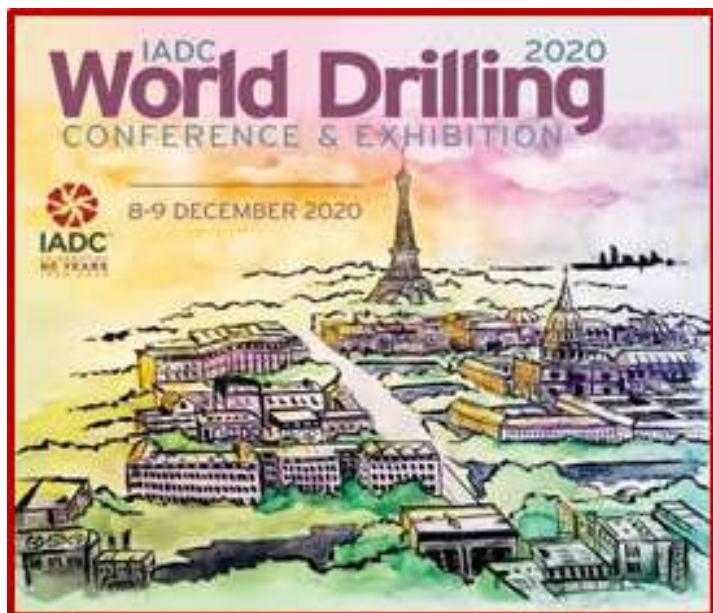
In the end, in the Q&A round, the number of questions posed was far higher than one anticipated. It is interesting, though, that he responded to them all quite plausibly, and he also clarified questions about others relating to drilling engineering.



IADC World Drilling 2020 (Conference & Exhibition)

Date	8-9 December, 2020
Organizer	IADC International
Platform	Online (Zoom)

The IADC World Drilling 2020 Conference examined to improving the value proposition from multiple perspectives for all stakeholders. 20 students from PDEU got chance to attend that Conference.



The conference provided a market outlook on the industry, Chart lessons learned by operations and safety experts, and Explore what good stewardship means in 2021, etc. It also provided information about new drilling technology in the industry through high-level panels and speakers and cutting-edge technical papers.

It was a brilliant experience for the participants to enhance their interests in various aspects of the drilling engineering domain.

IADC Drilling Middle East (Conference & Exhibition)

"Knowledge is like a garden, if it is not cultivated, it cannot be harvested."

Date	14-15 December, 2020
Organizer	IADC International
Platform	Online (Zoom)

IADC international organized the Drilling Middle East Conference in virtual mode. 20 students from PDEU got a chance to attend that Conference.

During this conference, industry leaders and drilling professionals discussed best practices to keep workers safe and healthy during a pandemic, Regional updates from IADC Southern and Northern Arabian Peninsula Chapters, and How human factors and technology are shifting drilling operations, etc.



The premier event also highlighted evolving approaches to safety and training, providing practical information on new tools and processes that can be used to improve HSE performance.

It was an unforgettable experience for all the attendees. The conference was followed by an exhibition of innovation in drilling technology and its usage for different drilling environments.

Workshop on LinkedIn Profile Building

"LinkedIn is no longer an online resume, It's your digital reputation."

Date	22nd December, 2020
Time	04:00 PM to 05:00 PM
Platform	Online (Microsoft Teams)

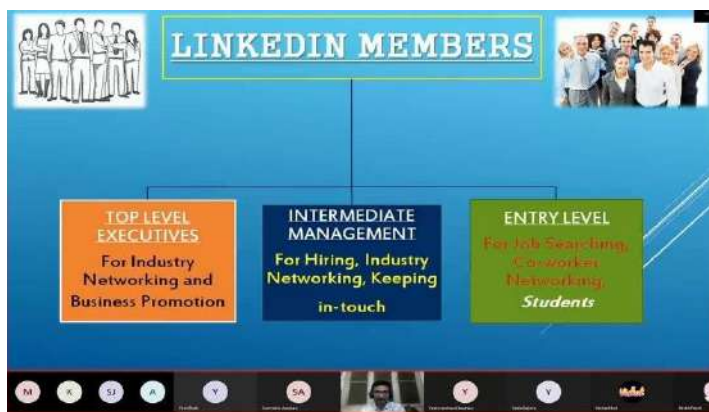
IADC PDEU SC organized and conducted a successful webinar on Profile building in software like LinkedIn. The mentor of this event was Mr. Parag Bhoraniya. He is the chairman of IADC PDEU SC and currently in the final year of Petroleum Engineering in PDEU itself.

The tone of the webinar was set from the very beginning by the host Mr. Vishal Bhoi. He welcomed the mentor and the participants. Later he introduced Mr. Parag and hand over the session to him.

Mr. Parag kept this session as descriptive as possible and touched almost every feature of the software. He started with the importance of LinkedIn. Later he covered topics like how to make a new profile on linked and he also gave a live demo by making a new LinkedIn profile, how to build a good LinkedIn profile, how to use LinkedIn etc. He explained all the features of LinkedIn.



Mr. Parag was very descriptive and lucrative in his speech, and the audience was very subtle which listened very keenly to him. The number of questions asked which were answered illustratively. This webinar guided and helped every year student in building a LinkedIn profile not only from PDPU but also from other universities.



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Webinar on Emerging E&P challenges in Oil & Gas Industry

"The Pessimist Sees Difficulty In Every Opportunity. The Optimist Sees Opportunity In Every Difficulty."

Date	23nd December, 2020
Time	10:00 AM to 11:30 AM
Platform	Online (Microsoft Teams)

The exploration and production activities are the important stages that have their significance in the oil and gas industry. Exploration and production activities have moved far-flung and logistically difficult areas, hostile environment that developed more challenges to carry out successful exploration activities.

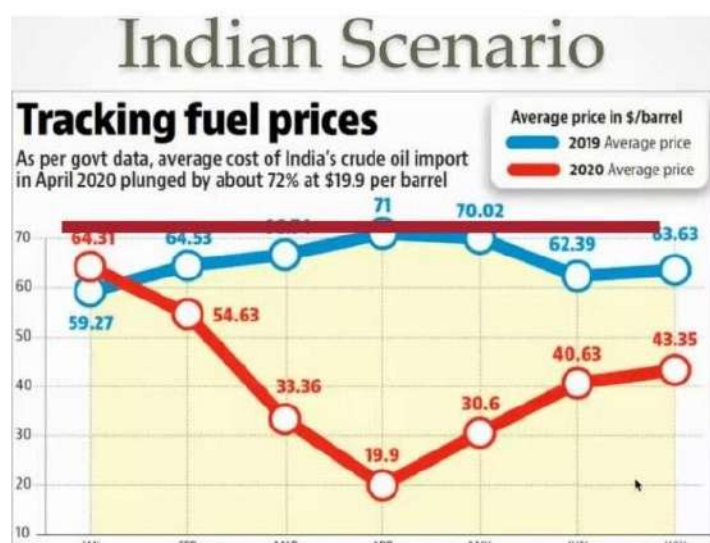
To introduce the challenges, a webinar was organized on the topic of "Emerging E&P challenges in oil and gas industry".

The webinar was conducted by Mr. Pramod Kumar Sharma (Ex-Director-Operations, IOL). He started the webinar by introducing the challenges in exploration activities. He also gave brief knowledge of unconventional hydrocarbon resources of India, hydrocarbon potential sources of the Indian sedimentary basin with opportunities and challenges developed for E&P activities of that resources.



He also shared an action plan to mitigate the developed and future challenges of production activities. He addressed the impact of Electrical vehicles on the demand for oil along with the impact of changed policy and reforms on the petroleum industry's activities. Disruptive technologies as well as the impact of the Covid-19 pandemic on the oil and gas industry covered within the webinar.

The webinar was attended by each year's students to keep themselves updated on challenges that evolved in the E&P industry. The webinar was concluded with the Q&A session. The webinar was a knowledge quest for the students.



INTERN TALK

"The road to success and the road to failure are almost exactly the same."

Date	18th January, 2021
Time	04:00 AM to 05:30 PM
Platform	Online (Microsoft Teams)

IADC PDEU SC had organized Intern Talk with an alliance of FIPI, SPE SEG-SPG-EAGE, and AAPG Student Chapters of PDEU where students from final year shared their experience of internships in known companies.

Interns have talked about how they got their internship in a particular company. They also shared their experience of internships and how internships helped them to understand Practical aspects which they learned in class.



They also discussed the points to remember when interning. They also shared some useful tips to perform better at the Internship.

Students from the Pre-final year attended the session as it was an integral part of their petroleum engineering curriculum. The session was really propounding and interactive as budding petroleum engineers got the crux of hard work, time management, and practicality of work.



IADC Sustainability 2021 (Conference & Exhibition)

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

Date	09-10 February, 2021
Organizer	IADC International
Platform	Online (Zoom)

IADC international organized the Sustainability 2021 Conference in virtual mode. 20 students from PDEU got a chance to attend that Conference.

IADC's 2021 Sustainability Conference & Exhibition hold a panel discussion "ESG and Sustainability." This panel includes onshore and offshore contractors discussing their current approach to sustainability - including challenges and successes of their journey thus far.



The panel session was proceeded by a session titled "How to Develop ESG at your Company - The Basics/How the Investment Community Looks at ESG Investments within Companies." Jade Strong, Sr. VP, Chief Administrative Officer, Nabors, was the keynote presenter for that session.

The sessions helped us to simulate new ideas and gain valuable insights from subject matter experts. Discussions on training the next generation talent, leveraging digital technologies, and industry's safety performance were the major attractions

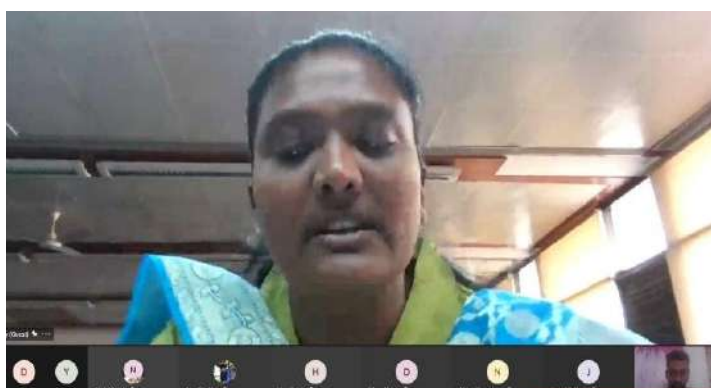
Webinar on Strategies to Improve Presentation Skills

"Words are, of course, the most powerful drug used by mankind"

Date	16th February, 2021
Time	11:00 AM to 12:30 PM
Platform	Online (Microsoft Teams)

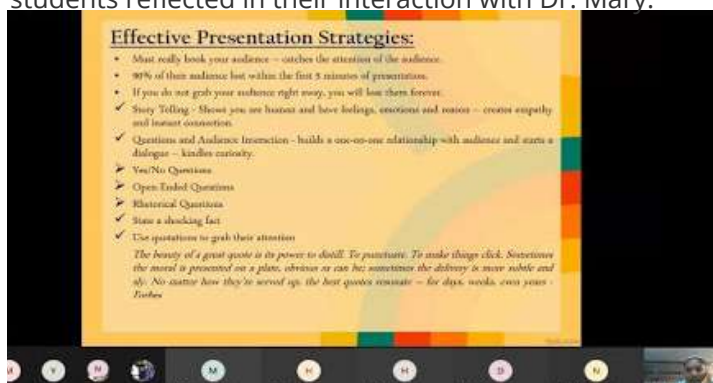
Presenting information clearly and effectively is a key skill in getting your message across. It is, however, possible to improve your presentation skills with a bit of work. These skills refine the way you put forward your message and enhance your persuasive powers.

IADC PDEU Student Chapter organized a webinar on "Strategies to Improve Presentation Skills" which was conducted by Dr. Mary Hepzibah, Assistant Professor, School of Technology, PDEU. Dr. Mary Hepzibah discussed fear of delivering a presentation, public speeches and ways to overcome it, the quality needed for effective presentation, developing presentation, different types and parts of the presentation, and tips for effective PowerPoint presentation.



She began her talk with some beautiful and inspirational stories. She explained some of the software for making an effective presentation and the role/importance/significance of storytelling followed by her experience.

The session was percipient and the enthusiasm of the students reflected in their interaction with Dr. Mary.



IADC Drilling CASPIAN (Conference & Exhibition)

"Innovation is the outcome of a habit, not a random act."

Date	23-24 February, 2021
Organizer	IADC International
Platform	Online (Zoom)

IADC international organized the Drilling CASPIAN Conference in virtual mode. 20 students from PDEU got a chance to attend that Conference.

IADC's 2021 Drilling Caspian Conference hold a panel discussion titled "Digital Technology in Tough Times: The Value Impact of Digital in Modern Operations"



This session was a high-level panel, featuring representatives from all segments of the global wells industry. This discussion introduced and discussed the practical improvements to operations and the commercial drivers behind the changing digital landscapes that will change our operational world going forwards.

The Panel discussion helped participants in knowing the innovative as well as productive possibilities in enhancing the performance of the operations

Panel Discussion on Women in Drilling

"There is no limit to what we as women can achieve."

Date	08th March, 2021
Time	04:00 PM to 05:00 PM
Platform	Online (Microsoft Teams)

IADC PDEU SC in collaboration with the SPE RGIPT SC organized and conducted 'A Panel Discussion on Women in Drilling' in the Indian Oil and Gas industry with admirable female drilling engineers as our guest speakers for the same. The event was commenced with a discussion by the presence of esteemed female engineers from renowned companies. Our first guest was Ms. Aakanksha Sadekar, Chief Executive Officer at Kaarada Drilling. The second guest was Ms. Shreya Pandey, Well Engineer at Schlumberger Asia Service Ltd, and finally Ms. Akanksha Sidar, Assistant Executive Engineer in ONGC.

The Panel Discussion was hosted by Ms. Yashi Vijay from RGIPT. They welcomed the panelists and all the audience.



The essence of the discussion was the role of women in the oilfield today, the opportunities available for them, and the culture required for the growth of women. To our pleasure, the panelists covered all the essential elements of our focus.



In the end, the three of them gave a general message to the undergraduate female. The panelists talked about their experiences with great friendliness and utmost honesty. This discussion was immensely helpful to not only the female students but all the students who would be contributing through their roles in the industry for the growth of women in the industry shortly.

Motivational Lecture on Personality Development & Interview Attributes

"The ones who are crazy enough to think they can change the world, are the ones that do."

Date	16th March, 2021
Time	11:00 AM to 12:30 PM
Hybrid	Offline (CLH3) + Online (Microsoft Teams)

IADC PDEU SC organized and conducted a successful session on Motivational Lecture on Personality Development & Interview Attributes. The mentor of this event was Mr. Mukesh Kumar. He is an executive engineer from Oil and Natural Gas Corporation Limited-Mehsana Asset. The event was held in hybrid form with more than 150 attendees in both virtually and on-campus mode.

The tone of the webinar was set from the very beginning by the host Setu Patel. She welcomed the mentor, director SPT, faculty, and all the attendees. The director of SPT- Mr. Rakesh Kumar Vij gave a few words of welcome and introduced Mr. Mukesh. Mr. Vij also explained the importance of personality development for interviews. Then the session was handover to Mr. Mukesh Kumar.



Mr. Mukesh kept this session as interactive as possible touching almost every aspect with some activities. He started with personality & its types. Later he covered topics like the role of self-esteem in our life, some important attributes for an Interview. One of the most important topics - Aligning passion with work through the concept of IKIGAI was very nicely explained by him. He also gave some useful tips for the internship.



Mr. Mukesh was very interactive and lucid in his speech, and the audience was very subtle which listened very keenly and interactive to him. Many questions were asked which were answered illustratively. This session guided and helped every year students in developing their personalities and very useful for a bright future.



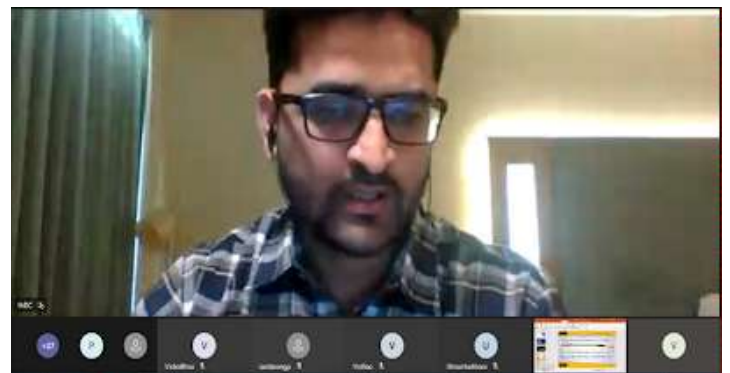
Webinar on MWD a Practical Approach

“Education is the movement from darkness to light.”

Date	27th March, 2021
Time	12:00 PM to 01:30 PM
Platform	Online (Microsoft Teams)

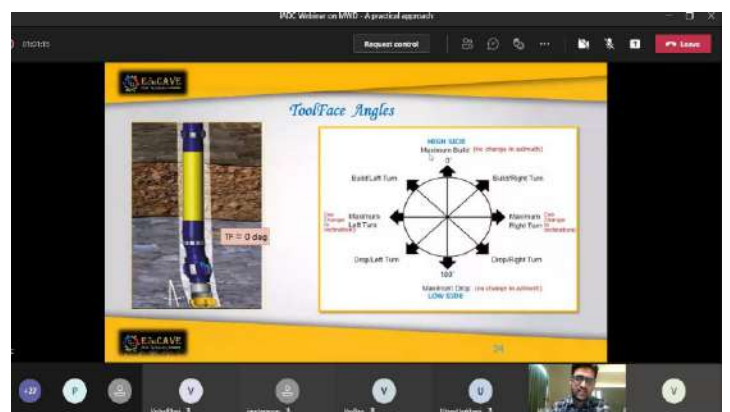
IADC PDEU SC conducted a webinar on the topic of “MWD – A Practical Approach” by Mr. Khalid Karajagi. He works as an MWD/LWD/RPS Field Engineer at Baker Hughes. He has 11 years of experience in the field of drilling services.

From the very beginning, He tried to keep the session as interactive as possible. His being from the industry knew exactly what was missing in the current syllabi and thus he covered a lot of aspects of the LWD practically which are not taught in the Lab classes.



Major topics covered during the session were formation evaluation both onshore and offshore, and data analysis along with some logging tools explained by him. Real images of several industrial types of equipment of Logging While Drilling and accessories were shown for a clear and better understanding of the LWD process.

Towards the end, the curious students started asking questions in the QnA round. However, it is noteworthy that he answered them all to the point very discreetly. He cleared the smallest queries of the students.



Internship on Health, Safety and Environment (HSG/ESG)

Mentor:

Mr. Anwar Momin

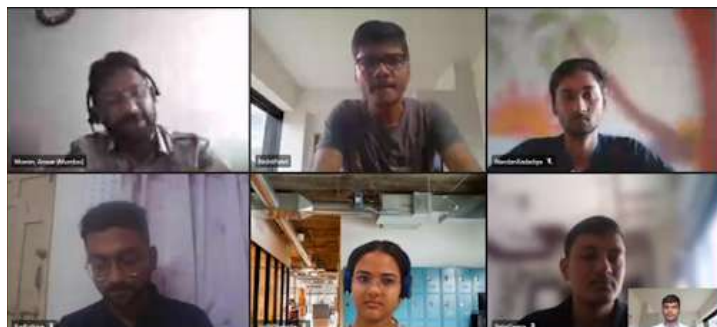
(QHSE Manager- Shelf Drilling)

Duration:

13/2/2021 to 08/04/2021

Under the mentorship of Mr. Anwar Momin, 6 students from IADC PDEU Student Chapter got a chance to do an internship on the topic of Health, Safety, and Environment. Students Yatin Gajera, Virag Poshia, Vidhi Bhalodia, Raj Kothiya, Nishit Patel, and Nandan Radadiya started the internship on 13th February 2021 and completed it by 8th April 2021.

In this internship, we learned about topics like Incident Classification and HSE Rewards & Recognition, The Total Recordable Incident Rate (TRIR), Leading and lagging indicators, Safety Observation Skills and Behavior of individual, Human Performance/Human Factor Awareness and Occupational Health issues, and concerns, and Environment Social Governance (ESG).



During this internship, we also discussed real incidents that occurred in the petroleum industry. We had very knowledgeable and healthy discussion sessions throughout this internship.

We absolutely admire the teaching style of Mr. Momin. We learned and had fun at the same time doing home assignments. Each task had a different and unique purpose which was linked subsequently to the topics of discussion for the upcoming week.

Internship on Dropped Object Prevention and Virtual Reality

Mentor:

Mr. Joachim Van Der Meulen

(Director- Drops Asia)

Duration:

March 2021 - August 2021

In a collaboration between Drops Asia and the IADC PDEU Student Chapter of the Pandit Deendayal Energy University in India, 7 students have got internships on the subject of Dropped object prevention and virtual reality in March 2021. Students Nisarg Patel, Jayesh Bellani, Nikunj Kuvadiya, Virag Poshia, Vidhi Bhalodia, Kunj Patel, and Vishalkumar Vyas are learning to create 3D environments through Blender. Students will learn about dropped object prevention from industry leaders such as Wayne Bauer, Sagar Raut, Simon Walker, Amitabh Bhattacharya, Duncan Fraser, and Joachim van der Meulen during their internship period.



Normally, as part of their curriculum, they would be visiting a drilling rig during the course. Due to the Covid-19 lockdown restrictions, we are unable to do so. Besides training, DROPS Asia is also providing a platform using the Drops Forum app to present, collaborate, and network.

Interns will be applying their learning and will create a scenario related to the subject and will be presenting to the industry at the end of the internship in August this year.



Webinar on How to Write a Technical Paper

"There is none of their business that you have to learn how to write. Let them think you were born that way." limit to what we as women can achieve."

Date	28th April, 2021
Time	04:00 PM to 05:00 PM
Platform	Online (Microsoft Teams)

Technical Papers in any field play an important role. In the petroleum industry, it has extensive importance as it helps beginners and researchers as well.

During the busy month of April, IADC PDEU organized one more distinctive webinar on 'How to write a Technical Paper.' which received the highest number of registrations for any of our events so far. The webinar was mentored by Dr. Pawan Gupta. He is an assistant professor at the School of Petroleum Technology – PDEU. He gained fame by publishing more than 20 publications to his name to date.

With a friendly tone, the event was started by the host Anand Pal. He introduced Dr. Gupta. Mr. Gupta started with words of appreciation. He appreciated organizing a webinar on such a topic. Being a professional in his field he was able to explain almost all the relevant topics of writing a technical paper. He started with the importance of paper writing. He connected the research with the art of technical writing very well. He also shared ideas about a suitable time for writing and a platform for publishing our technical paper.

The structure of a technical paper was the heart of the webinar. Dr. Gupta spent most of his time explaining the structure. Topics were Title of Technical Paper, Abstract, Introduction, Methodology, Results & Discussion, and Conclusion. Then he explained such technical terms as Plagiarism, Reproducibility, Falsification, etc. which are very crucial in the career of a researcher. Mr. Gupta gave a message to participants regarding plagiarism – "Be Original and Don't Plagiarize." In the end, he gave some tips and a checklist that is important to give the final touch of a technical paper.

In the end, everyone communicated that the event was exceptionally good and Mr. Anand wrapped up the session with a vote of thanks

Webinar on Gas While Drilling

"Learning is not attained by chance; it must be sought for with ardor and attended to with diligence."

Date	29th April, 2021
Time	05:00 PM to 06:30 PM
Platform	Online (Microsoft Teams)

IADC PDEU SC conducted a webinar on the topic of "Gas While Drilling." The mentor of the webinar was Dr. Mareb Ahmed. He is a Ph.D. scholar from the Pandit Deendayal Energy University and worked as a Well site and Reservoir Geologist in TOTAL E&P.

The webinar was hosted by Mr. Vaidik Chaudhari. He welcomed all the participants and introduced Mr. Ahmed to them. Then he turned over the arch of the webinar to Mr. Ahmed. In beginning, Mr. Ahmed gave some introduction of Hydrocarbon Gas and Gas Liquids which is really helpful for us to brush up our knowledge. After that, He shared his knowledge and industrialized thoughts of Gas System Components which we can't learn in the classroom.

3 Days Short Course on Well Test Analysis using MS Excel

“An investment in knowledge pays the best interest”

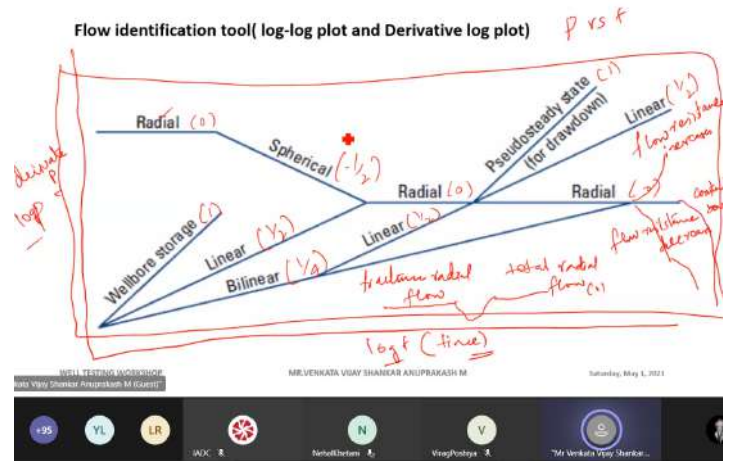
Date	1st May 2021 to 3rd May 2021
Time	04:00 PM to 05:00 PM
Platform	Online (Microsoft Teams)

IADC PDEU SC organized a distinctive training course on ‘Well Test Analysis using MS Excel’ in collaboration with Petroleum Engineers Association. The course instructor was Mr. Venkata Vijay Shankar Anuprakash. Sir is an assistant professor in department of Petroleum Technology at Aditya Engineering College. He has specialties in the field of Numerical simulation and Fast well testing.

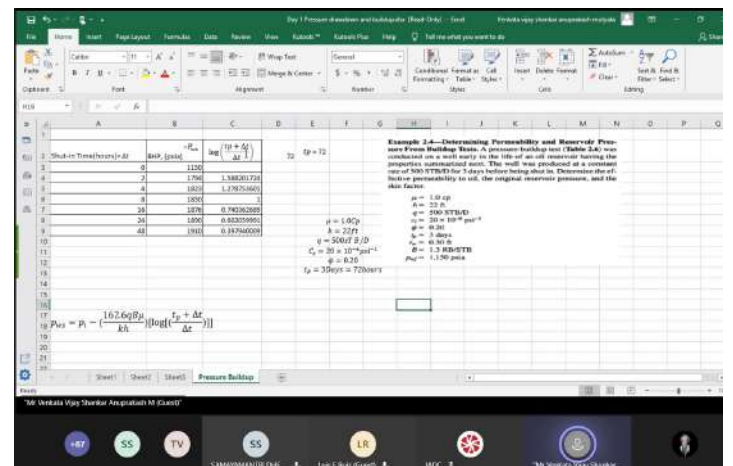
It was three-day training course. With a friendly tone, the session was started by the host Mr. Raj Kothiya. He introduced Mr. Venkata Vijay Shankar Anuprakash. Mr. Anuprakash started the session from the basics of Well Testing. Later he covered types of well testing - Build-up testing and Drawdown testing. The significance of well test interpretation followed by controlling and processing of well test data for efficient well test interpretation were very deeply explained by Mr. Anuprakash. This indicates the practical approach of well test interpretation. Moreover, there was hands-on experience in MS Excel with some example of build-up and drawdown tests. Mr. Anuprakash explained some good feature of MS Excel that are very useful tool in well testing. Question answer session was conducted at the end of the day.



The 2nd day of course was all about Gas Well Testing. Mr. Anuprakash explained types of Gas well testing and how they differ from oil well testing. First of all, he explained all theoretical aspect and then showed some more powerful tools of MS Excel. At the end of the day, he also shared some practice material. Some questions were asked by the audience, which was satisfactory answered by him.



On the last day of the course, Mr. Anuprakash focused on injection testing and multi-rate testing. As the culture of the training course set by him, he explained all-important theoretical aspects and then jumped to MS Excel for some practice examples. At the end of the training course, all told about some new technologies and innovation in the field of Well Testing and Reservoir Modelling Simulation. In the end, everyone communicated that the event was good and they really enjoyed the course with a good learning experience



In the end, Mr. Raj Kothiya wrapped up the session with a thank-you note. It was a great learning experience for all.

Day-3 Workshop on Matured Reservoirs in Association with Petroleum Engineers Association
Mr. VENKATA VIJAY SHANKAR ANUPRAKASH M
 Assistant Professor In Department of Petroleum Technology
 Aditya Engineering College

Online Initiative : Drill the Odd One Out

To acquire knowledge, one must study; but to acquire wisdom, one must observe.

Drill The Odd One Out (DTOOO) is an online initiative through which the social media handles (Instagram, LinkedIn, Facebook) of the IADC PDEU SC post a collage of four images related to the drilling industry out of which one is unique and doesn't fit in a category with the rest of the images.

The motive of the initiative is to learn about the different aspects of the drilling industry and develop observation, application, and analytical skills. The students give their answers in the comments section and the correct answer with the explanation is posted along with the DTOOO of the next week. We have posted 20 questions of DTOOO so far and getting a good response.

DRILL THE ODD ONE OUT



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DTOOO - 01

REACH US AT






DRILL THE ODD ONE OUT



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DTOOO - 11

REACH US AT






DRILL THE ODD ONE OUT



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DTOOO - 07

REACH US AT






Social Initiative : Donate for a Cause

"Alone we can do so little; Together we can do so much."

IADC PDEU SC organized a Donation Drive to collect money for COVID Relief. We believe that even a smallest contribution from our side can make a huge difference in the lives of the people suffering. The donation drive was successful as the funds generated through our small effort exceeded our expectations. We thanked all the faculties and students who contributed personally.



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IADC PDEU SC is conducting a donation drive for the needy during these tough times.

You can do your bit, in this fight against COVID-19.

The collected amount will be donated to the **KARMA FOUNDATION.**

The donations will be collected upto **May 3, 2021**



Donate Here:







vkposhiya3669eokicici

The Karma Foundation where we directed the whole collected amount also recognized our efforts and sent a gratitude letter thanking us for the same.

Statistic

7

Webinars

1

Guest Lecture

2

Internships

1

Panel Discussion

1

Workshops

1

Short Course

1

Online Initiative

1

Social Initiative

2

Other Events

15+

Total Events

1000+

Students Sensitized

Office Bearers 2021-22



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12

Core Committee
Members

17

Executive Committee
Members

6

Sub Committee
Members

Way Forward

Major Tentative Events for the year 2021-2022

- Drilling Hackathon
- Basics of Drilling Lecture Series
- Online National Level Quiz
- Mud Preparation Workshop
- Oil & Gas Model Making
- Technical Impromptu Competition
- Annual Fest





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Formerly Pandit Deendayal Petroleum University (PDPU)

UGC RECOGNIZED



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