



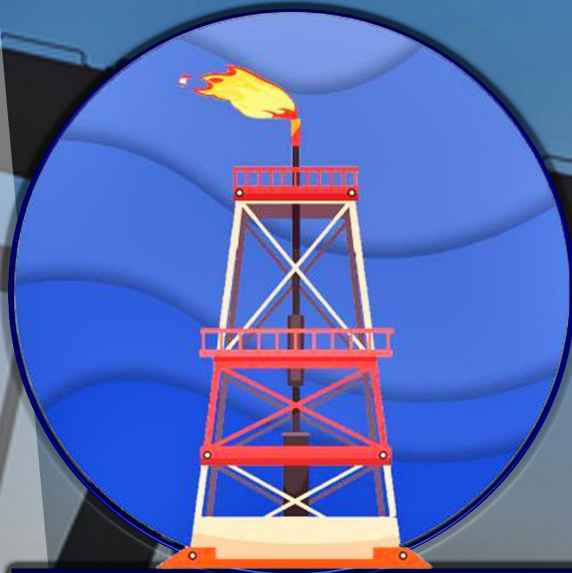
Dibrugarh University
SPE Student Chapter



ডিব্ৰুগড় বিশ্ববিদ্যালয়
Dibrugarh University

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PETROFEST

DATE: 24-26 MARCH

SPE DIBRUGARH UNIVERSITY STUDENT CHAPTER

CHAPTER NO. 6112

PRESENTS

**PETROFEST
2022**

FUELING THE FUTURE

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ABOUT THE UNIVERSITY

Established in 1965, Dibrugarh University, the easternmost University in India with a vast sprawling campus of area of 550 acres, is situated at Rajabeta, five kilometres to the south of the Dibrugarh town. Dibrugarh, which is one of the commercial and industrial hubs of North East India is internationally known as a rich tea producing district, and is also on the global map for its rich reserve of minerals like coal, oil and natural gas. Primarily a research, teaching, affiliating and examining body involved in promotion of Arts, Science, Commerce, Engineering, and other branches of learning, the University has a prolific and productive Industrial academia interface. Dibrugarh University has received certification from the International Organisation of Standardisation (ISO) for its infrastructure, academic processes and administrative system. With its strong global links in teaching and research programmes, the University offers dynamic educational experiences that prepare the next generation to lead and make a difference and thus contribute to the society at large.



About The Departments

Department of Petroleum Technology

The Department of Petroleum Technology was established in 1969 to cater to the need of the oil industries for proficient manpower. The Department belongs to the School of Earth, Atmospheric Sciences, Environment & Energy of Dibrugarh University. Since its inception, it has been offering M.Tech in Petroleum and Exploration and Production and PhD programs. The faculty members have been undertaking research in national and international projects, sponsored by various project agencies such as UGC, DST, DBT, AICTE etc.

Department of Petroleum Engineering

The department of Petroleum Engineering, started in August, 2009 as one of the principal branches in Dibrugarh University Institute of Engineering and Technology (DUIET), Dibrugarh University, visions to be department of global standing as a centre of excellence in education in the area of petroleum and engineering for developing professionally competent talent contributing to nation building and development of society through excellence in grooming leadership, entrepreneurial talent and research.





COMMITTEE MEMBERS



DR. BORKHA MECH
(Faculty Advisor)



SHARAHNAN PUZARI
(President)



ANANYA DUTTA
(Chapter Officer)



MD. AZHARUL FARDIN SATTAR
(Secretary)



ANGSHUMAN CHETIA
(Vice President)



SOHAIL HASSAN CHOUDHURY
(Communication Chairperson)



NAZRANA YASMIN
(Treasurer)



ARFAAZ MASOOM AHMED
(Program Chairperson)



CHINMOY DAS
(Communication Chairperson)



SHREOSHI ROY CHOUDHURY
(Program Chairperson)



MRIGANG TAYENG
(Membership Chairperson)



MADHURJYA KASHYAP
(Membership Chairperson)



BHASKAR JYOTI DEKA
(Social Activities Chairperson)



BIKASHITA SHYAM
(Social Activities Chairperson)

SOCIETY OF PETROLEUM ENGINEERS DIBRUGARH UNIVERSITY STUDENT CHAPTER

SPE DUSC

The chapter is a non profit technical student organisation seeking to promote the propagation of invaluable erudition concerning the oil and gas industry. Established in the year 2012, the chapter has been pushing forward with the drive to elaborate the standards of excellence to unprecedented heights and in recognition of our extensive efforts we have been conferred the SPE gold standard award for the year 2016 and 2018. The chapter conducts a number of events throughout the academic year such as distinguished guest lecture programs, soft skill development seminar , quizzers, enthralling workshops and a number of contests that emphasizes on professional as well as technological growth and also promotes industry academia alliance.



OUR ACHIEVEMENTS

SPE Dibrugarh University SC

Chapter No. 6112



**GOLD STANDARD
AWARD
2016 AND 2018**



**STUDENT CHAPTER
EXCELLENCE AWARD
2020**



**TEN YEARS MILESTONE
ANNIVERSARY AWARD
2021**



**BI ANNUAL MEMBERSHIP
RETENTION AWARD
2021**



Dibrugarh University
SPE Student Chapter





ABOUT THE FEST

'Petrofest 2022' is an oil and gas extravaganza to be organized by Society of Petroleum Engineers, Dibrugarh University Student Chapter from 24th-26th March, 2022. The theme of the festival is set to be 'Fueling the Future' which relies on fueling the foundation of the future to be established on the basis of the pillars of knowledge, expertise, experience and sustainability to efficiently drive the petroleum industry.

The primary aim of the extravaganza is to disseminate knowledge and clear the needs of the oil and gas industry by enhancing connections all around and simultaneously strengthen the industry-academia symbiotic relationship. The fest includes a wide range of technical as well as non-technical events out of which paper and poster presentation, case study and bidding challenge, oil and gas quiz, well log interpretation, symposium, interview, treasure hunt, and photography are a few in handful.

The most governing and remarkable event of the fest is the conference which is themed as 'Hydrocarbon to fuel the future- Adaptation and Advances' to be graced by honourable dignitaries from different reputed organisations in order to share and discuss the present Petroleum and Natural gas scenario of the world. In a nutshell, the technical extravaganza shall be a source of illuminating different dimensions of the Oil and Gas Industry and associated academic prospects.

12+ EVENTS / 20+ INDUSTRY DELEGATES

PRIZES WORTH

UPTO ₹ 1 LAKH



SPE
International

07

VC'S MESSAGE



I am quite pleased to note that the SPE Dibrugarh University Student Chapter is going to host the PETROFEST 2022 an oil and gas Technical extravaganza during 24.03.2022 to 26.03.2022 at Dibrugarh University.

I congratulate the society of Petroleum Engineers, Dibrugarh University Student Chapter (SPE DU SC) for the same.

This year the event is empowered by the thought 'Fueling the Future', which amplifies the combined diligent efforts of the Petroleum Engineering and Petroleum Technology Departments of the Dibrugarh University in preparing aspiring energy leaders to become the agent of change.

The fest, lined with lot of interactive and exciting events, aims to initiate the participants' awareness and responsibility in creating innovative solutions for current energy situations.

PETROFEST provides the future of energy leaders a platform to envision and make a blueprint of the better future TODAY!

I am eagerly looking forward to our young energy enthusiasts' participation and wish PETROFEST 2022 a great success!

With best regards,

(Prof. L K Nath)
Vice-Chancellor i/c
Dibrugarh University

PETROFEST



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SPE
International

08

REGISTRAR'S MESSAGE



I am delighted to be acquainted with the information of organizing the Petrofest, an Oil and Gas Technical Extravaganza by the society of Petroleum Engineers Dibrugarh University Student Chapter w.e.f. 24th March, 2022 to 26th March, 2022.

A well admitted fact concerning the industrial sector of the country is that due to the advent of Information Technology, stipulation of improving quality to meet the requirements as per global standards has been laid to a large extent, and as an outcome, there have been concerned efforts all throughout to promote cooperation between academia and industry. Since past several decades, industries are coming forward soliciting support from the academia and special focus has been laid by the industries to strengthen cooperation with academia for improving productivity, unless which interface between the two entities can potentially give rise to disparity between demand and supply, which in turn, can even cause disruption in the market. Correspondingly, a good number of institutions of learning seem to have been coming forward in tandem with the industries.

The objective of this Technical Extravaganza is to bring top management professionals from the industries, academicians, researchers and students together, providing an opportunity for exchanging ideas on different aspects of industry-academia integration. The core focuses of the event have been made to develop upon critical issues arising in the integration of industry and academia, to identify potential areas of mutual participation of industry and academia giving rise to synergies, to assess the increasing interdependence between academia and industry through innovations, to discuss development of innovative models, to facilitate the exchange of perspectives between industry and academia, to find plausible solutions in the fields whenever or wherever necessity arises, to provoke symbiotic partnership and to take proactive steps towards augmenting employability for the students by making them ready for the industry, which needs to be treated as an inevitable responsibility of the academia in the present perspective. I hope that cluster of events including the technical and interactive sessions that have been incorporated in the Petrofest would be immense assistance for the participants in building professionalism.

We are especially thankful to our sponsors for their generous support in materializing the event. I express my sincere gratitude to the organizers and all concerned behind bringing out the event.

With best regards,

(Prof. Jiten Hazarika)
Registrar i/c
Dibrugarh University

PETROFEST



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HOD'S MESSAGE

Dibrugarh
SPE Student Chapter



I take the pleasure in welcoming you to the forthcoming series of technical events under Petrofest 2022 to be organised by the Society of Petroleum Engineers (SPE), Dibrugarh University (DU) Student Chapter (no. 6112) from 24th-26th March'22. SPEDU Student Chapter was awarded Gold Standard of South Asia and the Pacific for 2016 and 2018.

Petrofest is a program dedicated to the proper growth and development of each and every student for a better career prospect. Petrofest 2022 is all set to bring out the potential within each student and provide proper guidance so that their potentials can be utilized to make them future petroleum technologists capable of meeting any challenge that will be faced by them. The program will provide full support to improve their critical thinking abilities in the area of oil and gas with emphasis to improve the creativity particularly in problem solving abilities and contribute their best to the society and to the country.

Petrofest 2022 lectures will be delivered by a team of highly qualified, experienced and dedicated faculty and industry partners who devote their time not only to teaching but also for the overall development of the students. Further, industry partners and faculty from other renowned industries and institutions are invited to deliver guest lectures to augment their studies in the line of present day developments. We are confident that Petrofest 2022 will help the students to boost their technical knowledge, confidence and leadership skills.

Regards,

Subrata Borgohain Gogoi, Ph.D.
Professor & Head,
Department of Petroleum Technology





FACULTY ADVISOR'S MESSAGE



At the very outset, it gives me immense pleasure to introduce and welcome you to the most awaited Technical Extravaganza, “Petrofest 2022” to be organised by the Society of Petroleum Engineers, Dibrugarh University Student Chapter.

Society of Petroleum Engineers is the largest individual -member organization serving managers, engineers, scientists, and other professionals in the upstream segment of the oil and gas industry. The Dibrugarh University Student Chapter, under the Duliajan section was established in the year 2012. The chapter was honoured with SPE Gold standard award twice, 2016 as well as in 2018 and Student Chapter Excellence Award in May, 2020 in recognition for its efforts in technical knowledge dissemination, operations, member benefits, society and community outreach and innovation. Amidst the covid pandemic, the chapter has amplified its prominence by successfully organizing numerous webinars and workshops by distinguished industry as well as academia personnels.

I believe, the very aim of strengthening the industry-academia relationship, making the students industry ready, increasing the level of competence amongst them and bringing the youth of varied discipline together under one roof will be attained by this 3 days event. It is indispensable to mention that this fest came into life because of the sheer dedication and untiring efforts of all the members, leaving behind innumerable hurdles on their way. I wish them very best for the smooth running of all the events.

We are also thankful to our sponsors for their constant support and hope to collaborate with them in the days to come.

Regards,

Dr. Borkha Mech
Faculty Advisor
SPE DU SC





OIL INDIA LIMITED MESSAGE

11

It gives me immense pleasure to learn that Department of Petroleum Technology, Dibrugarh University is organizing Petrofest 2022.

As we all know, our country is the world's third largest consumer of oil. Being the second most populous country in the world, the energy demand is bound to rise further. India's energy policies are therefore largely governed by this increasing energy requirement, where along with scouting for locating more and more oil and gas reserves within and outside the country, endeavours are also being made towards developing alternative sources of energy including nuclear, solar and wind.

To improve the national oil security and reduce import dependency, our country is ambitiously planning to augment domestic production by implementing major reforms in upstream activities and also initiated measures to boost-up dedicated strategic crude oil storages. Of the many hurdles faced by the Oil & Gas industry, the most significant are to reduce costs to remain competitive, improve performance to ensure effective asset's turnover and also reduce the environmental footprint by meeting increasingly stringent standards.

We all realize that the year 2020 has been very challenging for the human society at large due to the COVID-19 pandemic. This had a significant impact on the global economy across all sectors and the petroleum industry was no exception. Falling demand for crude oil and natural gas during the pandemic situation led to further slump in crude prices. Exploration & Production business being a cost intensive activity was severely constrained in maintaining planned capital expenditure towards exploration, development and operational costs. But hopefully, with the situation improving, the Oil & Gas Industry will quickly get back on track in the post pandemic world, and we will witness normalization of operations in the near future.

I am confident that Petrofest 2022 will provide young academicians and other experts an excellent platform for in-depth discussion on pertinent issues related to the Oil & Gas business and its future and will bring in new ideas and technological solutions. The event will be going to be a very interesting one that you all will enjoy to the fullest.

I wish the organizers all the very best for a successful Petrofest 2022.



Mr Sharma

DR. MANAS KUMAR SHARMA,
DIRECTOR (EXPLORATION AND DEVELOPMENT),
OIL INDIA LIMITED



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Dibrugarh University
SPE Student Chapter



SPE TECH TALKS



It is one of the flagship events of PETROFEST 2022 comprising of a series of technical lectures under the broad theme of petroleum exploration and production. The tech series will be held in two different sessions sub themed as **PETROLEUM EXPLORATION AND PETROLEUM PRODUCTION** respectively to be delivered by distinguished personalities from reputed academic institutions and industries. The tech series will develop the requisite skills in the mind of future energy technocrats in the domain of Oil and Gas.

EVENT COORDINATORS

ANGSHUMAN CHETIA	(97066 78080)
SHARAHNAN PUZARI	(80116 78292)
FARDIN SATTAR	(86381 38695)



EVENTS IN PETROFEST 2022

13

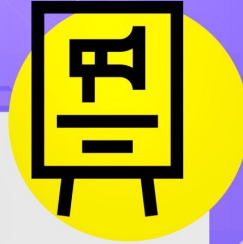
COMPETE

TO WIN

EXCITING PRIZES

01

AFISHE



Afische as the name indicates will be a technical poster presentation competition centered around upstream and downstream domains of petroleum industry. The technicality of the abstracts for the poster shall govern their acceptance which will be followed by on spot presentation during the fest. Both research and review based posters are acceptable in the respective domains.

02

MRIGANA



It's a paper presentation competition for students, professionals, researchers and academicians to present their innovative work in a wide range of fields and discuss the new technologies with eminent industry professionals and experts.





EVENTS IN PETROFEST 2022

14

COMPETE

TO WIN

EXCITING PRIZES

03

FETCH THE FORMATION



A well log interpretation competition where participants need to use their logical ability to interpret the well log data. The event allows them to employ the basic postulates of well logging in decoding the Petrophysical properties of the formation and its geological condition. The event will allow the participants to obtain the elementary knowledge of well log interpretation and also give them a realistic exposure of the formation.

04

FILTH TO FILTRATE



Drilling Mud is the vital fluid that runs all through the well and culminates stability and safety to the well. In this challenge, the team will have to formulate and prepare a drilling mud having some prerequisite properties.





EVENTS IN PETROFEST 2022

15

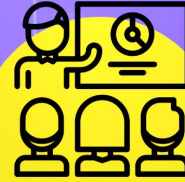
COMPETE

TO WIN

EXCITING PRIZES

05

PETRO' SHALA



A workshop based on any aspect of petroleum. Petro'shala will surely prove as a great opportunity to enhance the technical competence of the participants.

06

FACE THE FEAR



'Face the fear' will be a competitive event where participants shall be made to face the reality of today's world and to know where they stand amongst the masses. Each individual job skill and intellect shall be tested by the panel. The one with the READY-TO-CRACK interview skill triumph.





EVENTS IN PETROFEST 2022

16

COMPETE

TO WIN

EXCITING PRIZES

07

CASE STUDY



The participants will be given a real-life problem related to Oil and Gas. They need to do a detailed study of the specified topic/ statement and describe, compare, evaluate and understand different aspects of the problem and prepare a presentation with respect to that.

08

SNAPITTO



It will be a photography competition where participants will be required to send images online. The theme for the same will be announced days before the main fest. The photos send should be recent and in context to the theme.





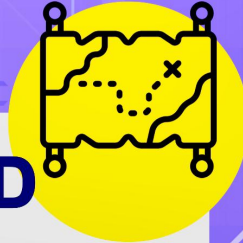
EVENTS IN PETROFEST 2022

17

COMPETE

TO WIN

EXCITING PRIZES



FIRST TO FIND

09

First to Find is a treasure hunt competition where the participants need to decode the clues and move forward in search of the remaining ones. The fastest group to find and reach the goal will be the winner. The event will run through out the DU campus.



QUIZ-EXCELSIOR

10

it is a quizzing event where a witty retort from the entrant helps to get past others. So, put your thinking cap on and get ready to be the quizzard of the fest.





EVENTS IN PETROFEST 2022

18

COMPETE

TO WIN

EXCITING PRIZES

1 1

UNSCRIPTED



The event is based on discussion of general studies subjects like current affairs, history, geography, political science, sports, science and technology etc. in the form of extempore wherein the participants need to express their views and opinions in a justified manner. The judgement of the event will be focused on the participants eloquent and presentation skills.

1 2

SPILL THE INK



It is an article writing competition based on societal issue. The judgement will be based on originality and clarity of the content.

1 3

VOLTA



The event will be a 5 side football game played on a grass or hard court, smaller than a football field. It is a game for great skill development which involves quick reflexes, fast thinking and pin point passing.





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Dibrugarh University
SPE Student Chapter



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Schlumberger

COVID GUIDELINES

LET'S ALL DO OUR PART

- 

1 Wash hands frequently with soap
- 

2 Wearing of mask is compulsory during the Fest.
- 

3 Cover your mouth with a tissue paper when coughing or sneezing
- 

4 See a doctor if you feel unwell

STAY SAFE, STAY HEALTHY.

Petrofest 2022 will be organized following all the Covid-19 norms/guidelines given by the Indian Medical Association & the Local Authority





NEED HELP ?

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