



**SOCIETY OF PETROLEUM ENGINEERS
NED UNIVERSITY**

ANNUAL REPORT 2022

Fueling The Future.



About us.

The Society of Petroleum Engineers (SPE) - NED Chapter, founded in October 1st, 1999 is one of the largest individual-manner, world-wide forum, and professional organization whose stated aim is to encourage the technical, professional and social bond between every student of petroleum engineering and the oil and gas industry.

Why Choose Us?

The SPE NED Student Chapter always appreciate to contribute an operating framework for society activities at a university level. The chapter has distinguished itself as one of the top seven distinguished SPE chapters around the globe and has twice been crowned with the outstanding Chapter award (OCA) & Golden Status since 2010



**Fresh
ideas**

- Hyper competitive Petrobowl.
- Adaptive learning lectures.
- Field visits
- Sports week
- Social internships
- Growth sessions



**More
grow**

SPE has always been proud to meet like-minded people, develop new skills and expand their horizons while studying. It also enlarges awareness for role for SPE. The year-long Student Chapter Membership Competition motivates and rewards student chapter's efforts to retain members.



**Good
Management**

The role of the committee is to provide venues for professional growth in addition to technical opportunities. It is also charged with identifying gaps between the non technical skills that members need and . SPE manages OnePetro and PetroWiki, in addition to publishing magazines, peer-reviewed journals, and books.



speneduet@gmail.com



<https://www.spe.org/en/chapter/5698>



Annual Progress Report 21-22

SPE ACTIVITIES ONSITE/ ONLINE 2021-2022

EXECUTIVE COUNCIL BODY 2022

INTRODUCTION

SPE NEDUET Student Chapter is founded on October 1st, 1999. The utmost purpose of this society is to connect dots between industry and students. This chapter has been running actively from the past years and has successfully achieved several milestones such as Petro-bowl, Field Visits, community service, technical lectures conducted by Industry Professionals and Sports Week which has truly inspired a large number of petroleum student to join SPE eagerly. Our first event was unveiling the executive council body for the tenure 2022 which were disclose through social media accounts on November 3rd, 2021.



GENERAL BODY

- | | |
|----------------------------------|--------------------------------------|
| 1. Zaigham Jawed | President |
| 2. Syed Muhammad Faiq Ali | Vice President |
| 3. Ale Javed Siddiqui | General Secretary |
| 4. Syeda Fiza Sehar | Executive Director Marketing |
| 5. Zunaira Nadeem | Executive Director Media |
| 6. Ghulam Haider | Communication & Outreach Chairperson |
| 7. Sahrish Nasir | Social Activities Chairperson |
| 8. Furqan Rashid | Treasurer |
| 9. Taimoor Azeem | Program Chairperson |
| 10. Hamza Saeed | Membership Chairperson |

MESSAGE FROM PRESIDENT.

It was an honour serving SPE as 'President' for the tenure' 21-22. This platform has played a vital role in the development of technical and personal growth for myself as well as for my team. I hope the upcoming office bearers will take the society to new lengths and make this platform beneficial for the new members as well as for themselves



ZAIGHAM JAWED
President

SPE HISTORICAL EVENTS



PETROLEUM A.D 2021

SPE NED chapter 2022 hosted its first event, Petroleum Annual Dinner on April 10th, 2021. In this momentous event, a warm farewell party was organized for our pass out senior Petroleum Engineers (Batch 2017). Moreover, certificates were also distributed among the students who had finished their social internship at The Bridge School (TBS). In the end, ablaze Qawwali and singing performance revived the mood of crowd.



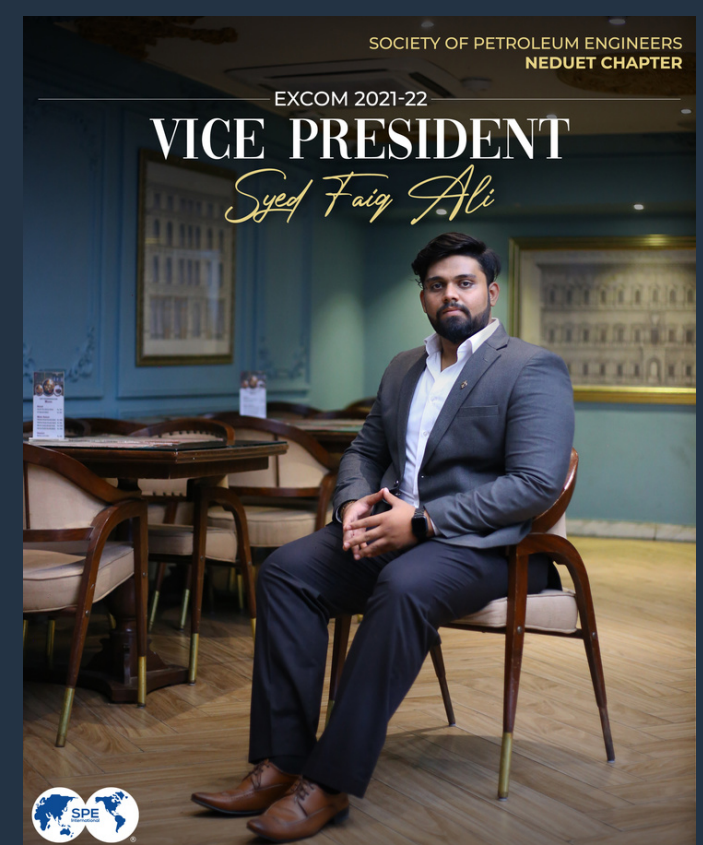
THE PETROLEUM GATSBY 2.0

Another phenomenal event, The Petroleum Gatsby 2.0 was laid out in Petroleum Garden of NEDUET on Saturday, 4th December 2021. In which an interactive project seminar took a significant interest by alumni. Moreover, Alumni and previous SPE Executive body was imparted with shield and certificates to acknowledge their roles and performance.



MESSAGE FROM VICE PRESIDENT.

Society of Petroleum Engineers SPE is an international society whose principal aim is to provide an unparalleled insights, share expertise and to stimulate community strength intending to fuel the success of its members and for the future of industry.



SYED MUHAMMAD FAIQ ALI
Vice President



MEMBERS RECRUITMENT DAY.



SEMINAR

SPE NED Chapter is always superintend to arrange adaptive learning lecture, seminar and webinars where professionals showcase their expertise in their technical fields.

These two seminars including "*Oil Field Emulsion And Its Challenges* " whose fluent speaker was highly qualified and esteemed personality "Shiekh Mubin Ashraf" (REL Field Incharge, MPCL) conducted on Tuesday, 28th December 2021 and "*Industrial Application Of Data Science*" conducted this session on Monday, 3rd January 2022. whose motivational orator and great mentor was "Syed Umaid Shah".

These two silver-tongues seminar proved to be very successful for freshers as well as final year students. Its provided a great exposure, awareness ,valuable data in their respective fields.





MS.YOGASHRI PRADHAN.

"Reservoir Engineering for Unconventional Reservoirs" the first noteworthy webinar conducted on January 8th, 2022 by one of the prestige Personality Ms. Yogashri Pradhan (Reservoir Engineer in USA) where she shared her extensive knowledge on development and production of unconventional reservoir with the prospects of how unconventional resources is needed to meet global oil and gas demands.



MR. MUHAMMAD IZHAN SABIR

Another elementary virtual session "Reservoir Modeling and simulation using MBAL and PETREL " was conducted from January 9th-12th by Mohammad Izhan (a graduate Engineer at ENI Pakistan Limited). In this webinar, students were briefed about how to predict future performance of well using MBAL and PETREL in broader aspect. The webinar not only aided students in simulating of dynamic Reservoir model but also helped them manage their Final Year Design Projects (FYDP's)..



MR.YASIR ALI

SPE NEDUET solicit Mr. Yasir Ali -a coiled tubing professional to conduct an online session on "Matrix stimulation design and Execution". This session was conducted on January 10th, 2022 where he advanced his knowledge on bypassing wellbore area to enhance productivity which made students to attended the entire session with zeal. Question Answer session was also conducted at last for entertaining queries and increase grip of students on said topic.



Annual Progress Report 2021-2022

SPE Classroom Lectures



LECTURES BY RESERVIOR ENGINEERS

The sole purpose of our team is to provide SPE sections with outstanding speakers for section meetings, and to recognize the professional contributions of the selected Distinguished Lecturers. which include Mr. Syed Saud Uz Zafar ,a Senior Reservoir Engineer at Xodus group who showcased their fruitful comprehension on "Gas Condensate Reservoir" on January 22th, 2022., which highly inspired student of Petroleum Engineering to go well for Reservoir Engineering in future..



A CAREER COUNCELLING SESSION BY SPE NED

SPE career counselling session by Mr. Mohsin Yousuf (Lecturer, PED) brought the conversation to you verbally that help you adapt to the current challenges and inspire new opportunities for growth.



INDUSTRIAL VISIT

MARI SUJAWAL GAS AND CONDENSATE FIELD, THATTA



MPCL IS 100% Operating company, commenced its production in March 2th ,2013. It is cureently prodcuig around 14MMSCFD Gas & 100BBL condensate per day along with supervising four producing wells including Sujjawal X-1, Sujjal-1 and Aeeq-1..



1

Significances

SPE got significant increment in its membership after this visit. Around 60+ students under supervision of department's faculty Lecturers and ExCom 2022 participated in this fruitful visit.

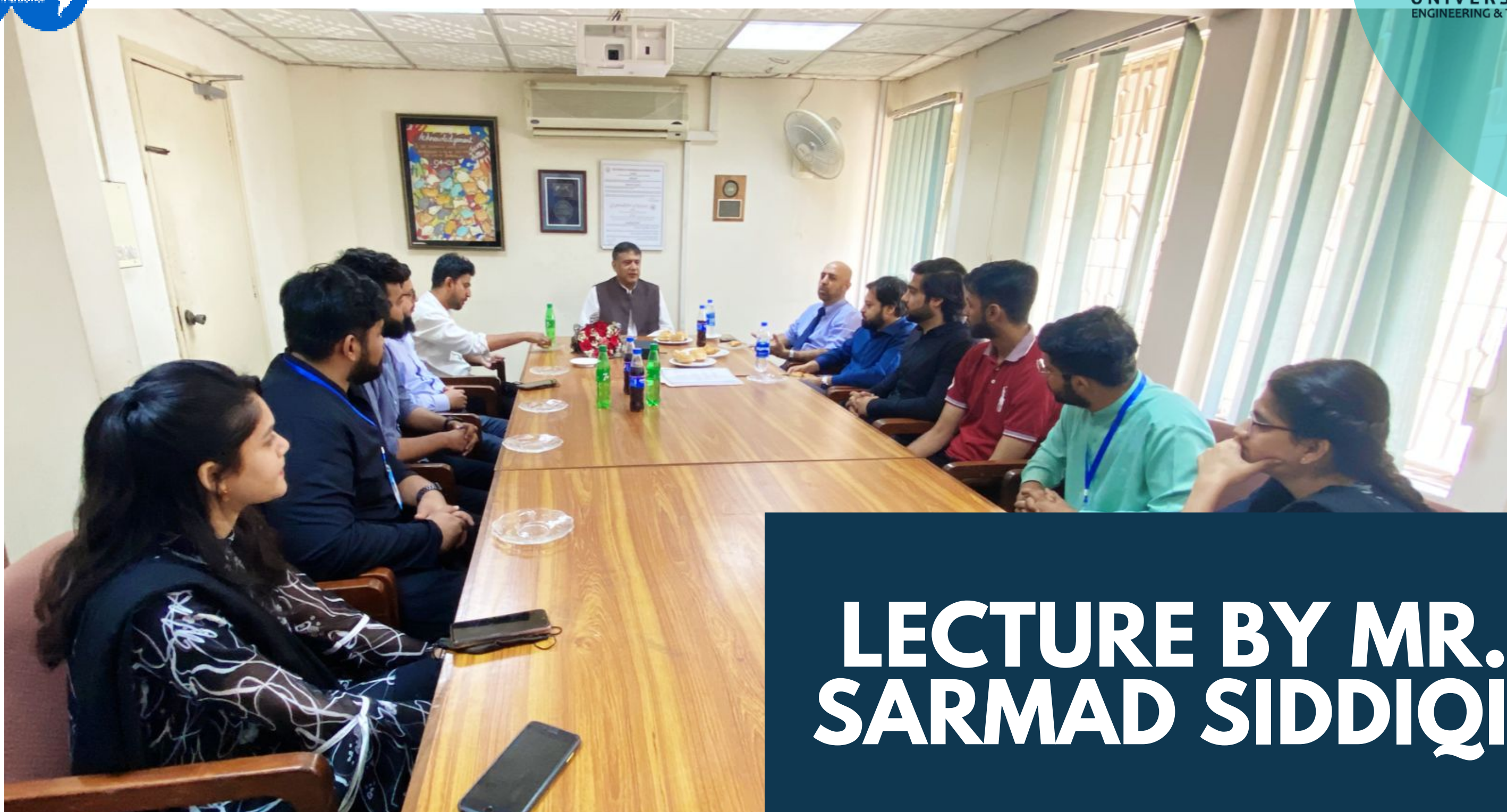
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About MPCL Management

SPE NED Chapter organized MPCL Field visit where Field Incharge Mr. Saqib Abbas, the HSE advisor Mr. Abid, , production Engineer Mr. Bilal Akram and process Engineer Mr. Hamza pledged SPE member a tour of entire production and process facility.



19th March 2022,



LECTURE BY MR. SARMAD SIDDIQI

About him

"Future of the Fossil Fuel and climate change" the most noteworthy seminar of all times in SPE was conducted by one of the prestige and reputative Personality *Mr. Sarmad Siddiqi* who is head of field development and Reservoir Modelling at Pakistan Petroleum Limited (PPL)

About Lecture.

In this valuable session , Mr. Sarmad delightfully shared his phenomenal knowledge on how Fossil Fuel have been extensively fulfilling our demands since industrial age. He also gave an insight about Pakistan's objective to move towards clean energy by 2030 as the future of fossil fuel is key element in predicting future of energy as whole.

Tuesday, March 29th, 2022
AV Hall, Petroleum Engineering
Department, NEDUET





PETROLEUM ENGINEERS.

FUN AND THRILLS OF PETROLEUM ENGINEERS 2022

ABOUT SPE.

this society is not only lookout for career guidance and connectivity with industry Professional but it also take care of its each and every member's bliss and endure and stay thrill to celebrate forthcoming occasion excitedly.

BLACK DAY

November 26, 2021



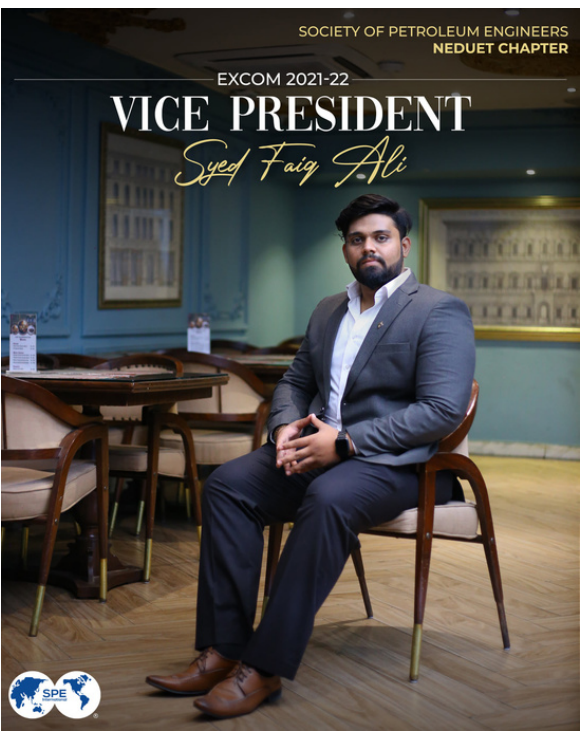
FLAG CERMEONY

23rd March, 2022

Society of Petroleum Engineers
SPE NEDUET STUDENT CHAPTER



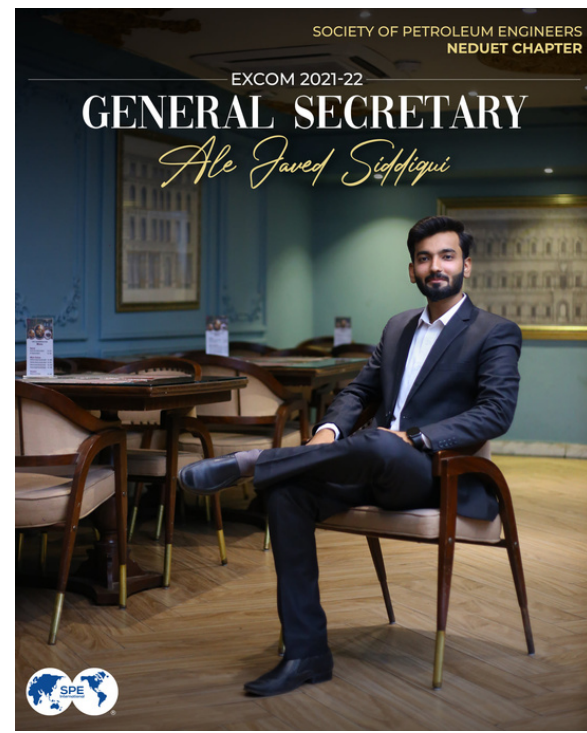
SYEDA FIZA SEHAR
Executive Director
Marketing



SYED FAIQ ALI
Vice President



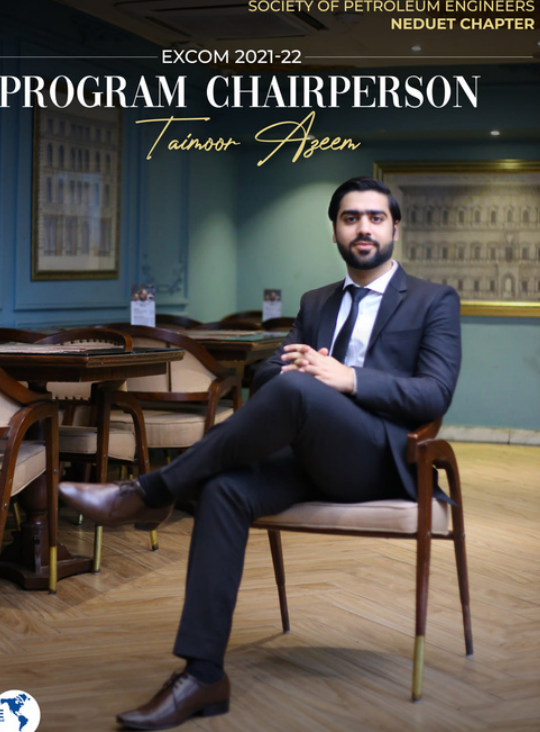
ZAIGHAM JAWED
President



ALE JAVED SIDDIQUI
General Secretary



ZUNAIRA NADEEM
Executive Director
Media



TAIMOOR AZEEM
Program chairperson



GULAM HAIDER
Executive Director
Industrial Liaison



SAHRISH NASIR
Social Activities
Chairperson



FURQAN RASHID
Treasurer



HAMZA SAEED
Membership
Chairperson



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Magazine Journalist



Voila, tenure 22" !

Myself Fiza, i am a final year student at NEDUET, currently majoring in Petroleum Engineering. While being trainee at SUPARCO, PCSIR and NFTP, I've also been perusing a certificate in Creative designing, Arduino and solid work from different institutes of Karachi. The start of my professional career actually began in 2018 when I joined SPE (Society of Petroleum Engineer) as a creative member, Later honored to be entitled as director.

From people saying "Fiza! This isn't worth it" to "I am so proud of you", University life felt like a rollercoaster ride and the times with SPE are the thrilling experiences of the ride where I got to discovered, challenged and improved the best of myself.

If it was not SPE, I would not have been standing where I am today. Kuddos to the years spent, working with a bunch of amazing people in SPE.

I, Syeda Fiza Sehar, Executive Director Marketing for the tenure 2021-22, pledge to serve this amazing society with all my heart for one last time before I graduate and make sure to conduce the best of my abilities for the growth and development of SPE.

Syeda Fiza Sehar

EXECUTIVE DIRECTOR MARKETING, SPE

FOR CONTACT:

fizasehar918@gmail.com



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