

STUDENT
ENERGY
@ NED UNIVERSITY

**STUDENT ENERGY NEDUET
CHAPTER'S
END OF TENURE REPORT
2019-2020**

Executives of Student Energy NEDUET Chapter for the Tenure 2019-2020

Syed Talha Tirmizi – Founder and President

Maarij Ahmed Khan – Executive Vice President

Muhammad Sarmad Mirza – Secretary

Muhammad Haris Hassan Qureshi – Outreach Coordinator

Faculty Advisors

Dr. Javed Haneef

Ph.D, University of Leeds, UK

Assistant Professor,

Department Incharge,

Petroleum Engineering Department,

NED University of Engineering and Technology, Pakistan.

Mr. Mohsin Yusufi

MS, Universiti Teknologi PETRONAS, Malaysia

Lecturer,

Petroleum Engineering Department,

NED University of Engineering and Technology, Pakistan.

Table of Contents

1) Lecture, “Energy Industry Trends, Leadership and Building a Robust Career” by Mr. Syed Asim Rashid (CEO and President of Creative Swans Harvard, MIT) 9 th December 2019.....	1
2) Petroleum Engineering Entrepreneurship Program 9 th January 2020	2
3) Interactive Virtual Event “Current Economic Standings and Career in Petroleum Industry” by Mr. Sarmad Siddiqi 29 th March 2020	2
4) 4 days Course on “Hydraulic Fracturing” by Engr. Hernan Buijs (Hydraulic Fracturing Subject-matter Expert and Well Stimulation Engineer, Wintershall Dea, Germany) 13 th April 2020 to 16 th April 2020.....	3
5) International Screening of “Switch On” across all six continents Throughout April 2020 and May 2020	4
6) International Virtual Event for Sustainable Energy Future for North America and South America (USA, Canada, Mexico, Brazil and Bolivia) 2 nd May 2020.....	4
7) International Virtual Event for Sustainable Energy Future for Europe, Asia and Africa (United Kingdom, Netherlands, Turkey, Nigeria, Palestine and Pakistan) 9 th May 2020.....	5
8) Technical lecture “Pressure Testing of Oil and Gas Equipment” by Engr. Silvia PIZZIGONI Production and Planning Engineer, Petrovalves, Italy. 10 th May 2020	5
9) Interactive Session on “Success Journey from NED University to Stanford University and Silicon Valley” by Engr. Arhamna Batool Haider (Alumni of Petroleum Engineering Department, NEDUET)	6
10) Online Technical Lecture “Energy in Developing Countries: Palestine as Case Study” by Eng. Abdelnaser Dwaikat (President of Association of Energy Engineers, AEE, Palestine) 10 th July 2020.....	7
11) Student Energy Regional Meeting (SERM) 2020 19 th July 2020.....	7
12) International Switch Energy Case Competition 27 th August 2020.....	8
13) Global Call Presentations.....	8
14) New Executive Selection for tenure 2020-2021	8

Introduction

Student Energy NEDUET Chapter (SENC) is always looking to provide such opportunities, where students can learn, grow and can increase their intellectual level. We have arranged numerous informative sessions till date and planned furthermore. As the world fights against pandemic and all the operations are on a break, we took this as a challenge and arranged virtual meetings/ webinars, technical sessions, free online courses and talks with the professionals. Our chapter consisted of more than 50 active working body members, including the executives, vice presidents and team leads. The details of all the events conducted by Student Energy in University are mentioned below:

1) Lecture, “Energy Industry Trends, Leadership and Building a Robust Career” by Mr. Syed Asim Rashid (CEO and President of Creative Swans| Harvard, MIT) 9th December 2019

The very first tenure in the history of our chapter, we had a profound learning experience in this technical cum motivational lecture delivered by well-renowned Mr. Syed Asim Rashid, who is alumni of NEDUET, Harvard and MIT. He has delivered numerous lectures in universities, seminars and conferences all over the world. In our event, he made the students well-acquainted with the current trends of energy industry, motivating and teaching them to learn leadership skills. The lecture also included an interesting guidelines of developing the resume and ways to develop a prosperous career. The lecture was very well-received by the students and they showed interest to attend similar lectures in future as well.



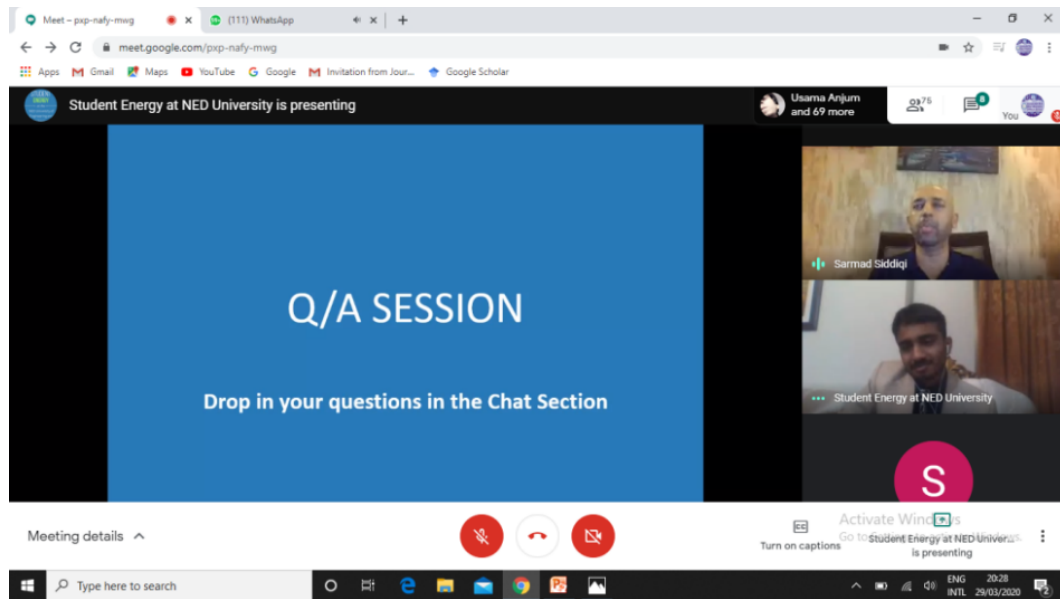
2) Petroleum Engineering Entrepreneurship Program 9th January 2020

The inauguration session of PEEP (Petroleum Engineering Entrepreneurship Program) was conducted on 9th January 2020, it is a unique idea to provide platform to engineers, particularly petroleum engineers, to showcase their talent on international platforms and transform their business ideas into reality by providing them guidance and financial support.



3) Interactive Virtual Event “Current Economic Standings and Career in Petroleum Industry” by Mr. Sarmad Siddiqi 29th March 2020

Mr Sarmad Siddiqi, a well-known professional of petroleum industry in Pakistan, is the Head of field development at PPL. He holds 20 years of experience in oil and gas sector. Looking at current downfall of oil prices in international market and sharp decline in job opportunities, we decided to have an interactive session with Mr Sarmad Siddiqi in which shared his views regarding current downfall in oil prices and declining opportunities in oil & gas industry. The event was attended by more than 100 people, registrations of which had exceeded 200 people. The session was followed by Q&A session with the attendees, in which Mr. Sarmad Siddiqi answered numerous queries from the students and young professionals of the petroleum industry.



4) 4 days Course on “Hydraulic Fracturing” by Engr. Hernan Buijs (Hydraulic Fracturing Subject-matter Expert and Well Stimulation Engineer, Wintershall Dea, Germany) 13th April 2020 to 16th April 2020

An online course on “Hydraulic Fracturing” was arranged by Student Energy NEDUET Chapter, which was of high interest to petroleum engineering students. The 4 days online course was well-attended by the students and industry professionals which provided them with deep understandings of the basics and advanced topics of Hydraulic Fracturing. The registrations for this event had exceeded our registration limits within two hours of the announcement of this course on our Facebook page.



5) International Screening of “Switch On” across all six continents Throughout April 2020 and May 2020

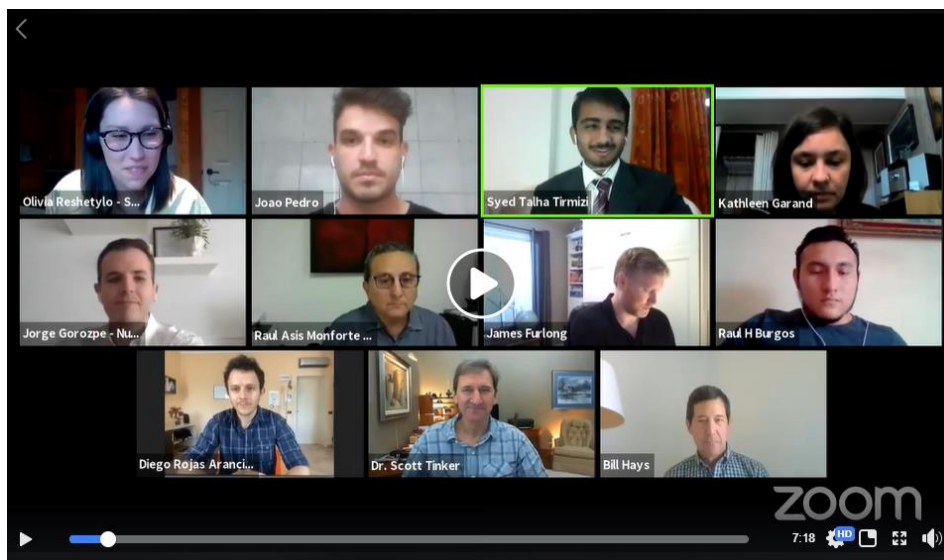
The highly acclaimed energy documentary film Switch On by Switch Energy Alliance, was screened online through virtual screening rooms, in an effort to promote energy education through all age groups. Switch On provided a unique perspective of the way how lack of energy access affects humans. It changes the way one perceives energy challenges.

6) International Virtual Event for Sustainable Energy Future for North America and South America (USA, Canada, Mexico, Brazil and Bolivia) 2nd May 2020

Student Energy at NED University has the privilege of organizing the biggest event ever in the history of Student Energy. This mega event brought together the students from 14 universities of 10 countries belonging to 5 continents. Due to the high number of participations and largely varied time zones in Northern and Southern hemispheres, we decided to split the event in to two days. On 2nd May 2020, we brought the students and energy leaders from North America and South America to discuss the energy scenario and progress towards the development of sustainable and equitable energy. The event was graced with the presence of chief guests, Dr. Scott Tinker (Director of Bureau of Economic Geology, University of Texas at Austin USA) and Ms. Olivia Reshetylo (Director of Global Youth Engagement at Student Energy).

The transition of world towards sustainable energy future was discussed and the main purpose was to bring people together on the same table from different regions of the world and to become the voice of 1.3 Billion people who don't have energy access to communicate.

Event Statistics: 3000+ Views, 38 shares, 4635 people reached and 68 comments

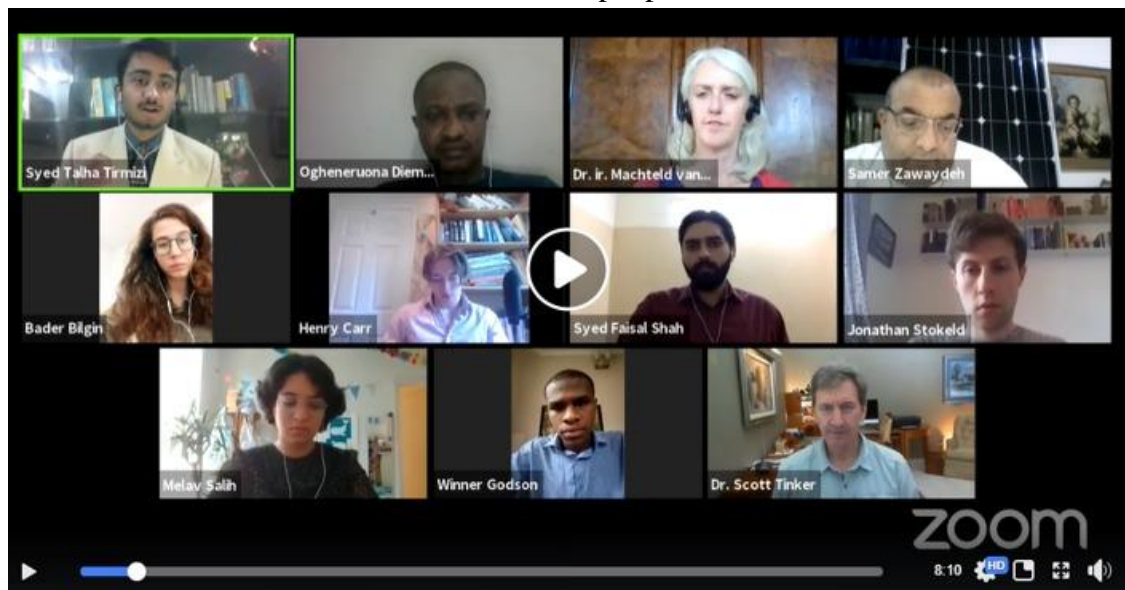


7) International Virtual Event for Sustainable Energy Future for Europe, Asia and Africa (United Kingdom, Netherlands, Turkey, Nigeria, Palestine and Pakistan)

9th May 2020

We were also thrilled to have an overwhelming response from the global audience on our 2nd event day as well in which we were joined with thousands of people from Europe, Asia and Africa, alongside energy experts and chief guests including Dr. Scott Tinker (Director of Bureau of Economic Geology, University of Texas at Austin USA) and Ms. Olivia Reshetylo (Director of Global Youth Engagement at Student Energy).

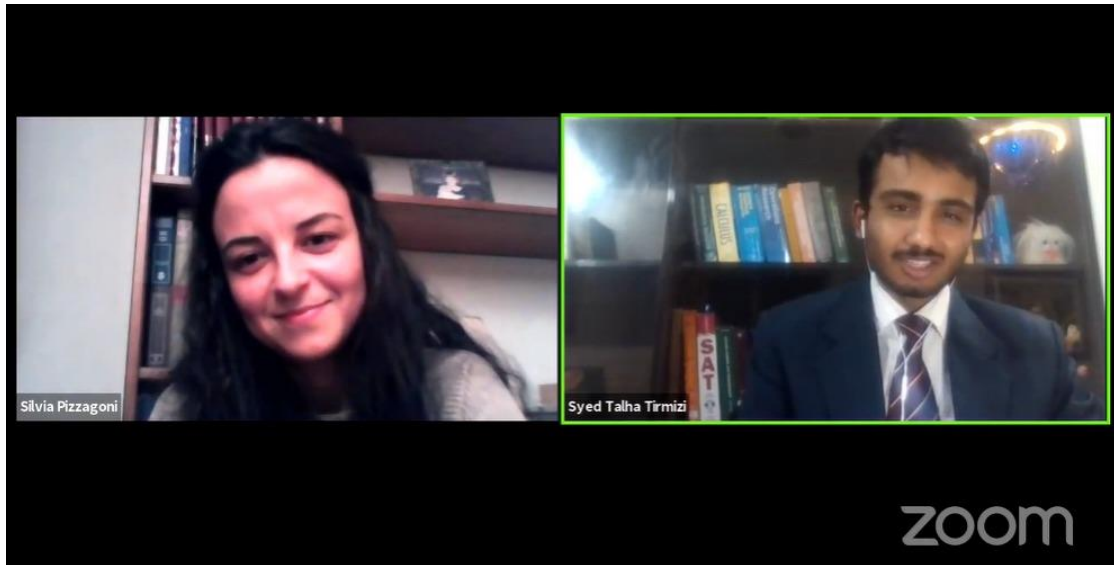
Event Statistics: 2000+ views, 27 shares, 4425 people reached and 42 comments.



8) Technical lecture “Pressure Testing of Oil and Gas Equipment” by Engr. Silvia PIZZIGONI Production and Planning Engineer, Petrovalves, Italy.

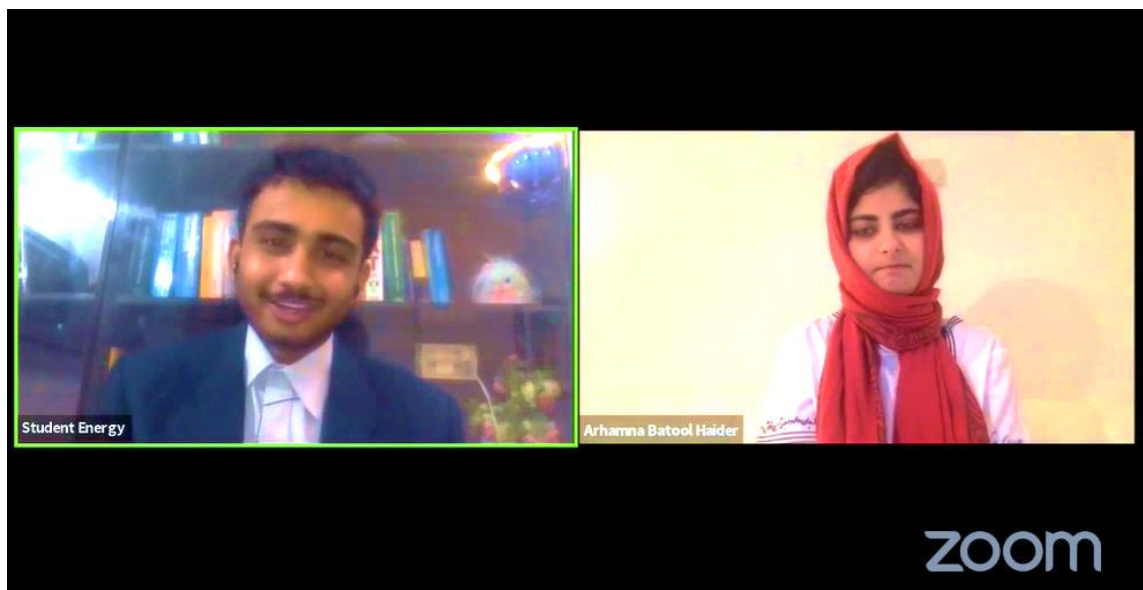
10th May 2020

Very interesting technical lecture on “Pressure Testing of Oil and Gas Equipment” by Engr. Silvia Pizzigoni (Production and Planning Engineer, Petrovalves, Italy) was arranged on zoom which was also live streamed on our Facebook page. It covered many aspects related to oil and gas industry, several tests, equipment, machines and the integrity and capability to work under pressure in a pressure vessel, which received hundreds of views within few hours of its live streaming.



9) Interactive Session on “Success Journey from NED University to Stanford University and Silicon Valley” by Engr. Arhamna Batool Haider (Alumni of Petroleum Engineering Department, NEDUET)

We organized a very interactive session with one of our most successful and highly popular alumni, Ms. Arhamna Batool Haider. In this event, students and professionals were engaged by discussing their submitted questions and discussions. We discussed questions related to career, admission in foreign universities for graduate studies and ways to stand out from the crowd in the university admission process. The event was also enlightened with the experience and journey shared by Ms. Arhamna Batool Haider and her interests to pursue a career in data science after doing bachelor’s in petroleum engineering.



10) Online Technical Lecture “Energy in Developing Countries: Palestine as Case Study” by Eng. Abdelnaser Dwaikat (President of Association of Energy Engineers, AEE, Palestine)

10th July 2020

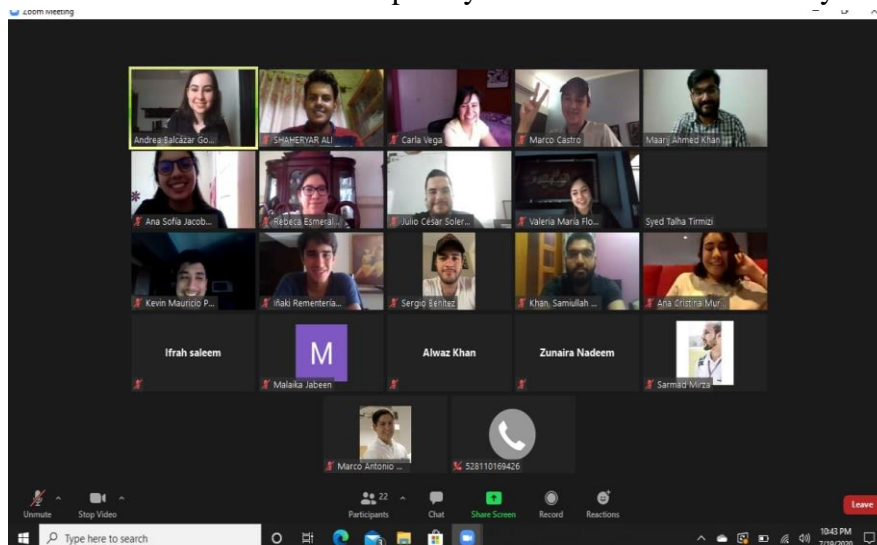
Abdelnaser Dwaikat holds 10 years of experience in energy sector, is the representative of Student Energy networks in Palestine and President of AEE Palestine since 2015. The virtual event was organized on 10th July 2020, which was live streamed on our Facebook page. Mr Dwaikat shared his experience, knowledge and forecast the future trends of energy in developing countries mainly Palestine, in a highly technical lecture presentation.



11) Student Energy Regional Meeting (SERM) 2020

19th July 2020

Student Energy at NED University Chapter organized a grand meeting with Student Energy Chapter at Tec de Monterrey Mexico, in our 1st Student Energy regional meeting (SERM) 2020. Both chapters joined together on 19th July 2020. We had an opportunity to meet amazing people and get to know each other, our cultures and energy scenario in our countries, in a very delightful conversation and presentations. This opportunity also developed communication skills in our members as they got the chance to interact and talk to other nationalities who have a completely different culture and lifestyle.



12) International Switch Energy Case Competition

27th August 2020

We have assisted in the International Switch Energy Case Competition, brought to you by Switch Energy Alliance and Hildebrand Department of Petroleum and Geosystems Engineering at University of Texas at Austin USA. The International Switch Energy Case Competition was participated by more than 950 students from 37 countries mentored by 260+ mentors who are highly qualified industry professionals.

13) Global Call Presentations

We have also presented and shared our chapter activities with other Student Energy chapters throughout the world, helping them to learn from our achievements and motivating them to do the same. Our chapter has presented in more than six global call presentations throughout the year.

14) New Executive Selection for tenure 2020-2021

We have conducted one-month new executive selection plan. The details of which can be found in the succession plan of Student Energy NEDUET Chapter. After a careful and rigorous selection process, we have the following executives of the next tenure (2020-2021):

- Kanza Bashir – President
- Ifrah Saleem – Executive Vice President
- Shaheryar Ali – Secretary
- Malaika Jabeen – Outreach Coordinator