

Chapter Newsletter

PRINCESS SUMAYA UNIVERSITY FOR TECHNOLOGY



**Earth Day
Video Reached
13,500 People
on Facebook!**



**The Chapter
Made a Page on
LinkedIn!**



**Entirely New
Instagram
Design,
Recognized as
The Best**

Who are we?

We are a team of professionals leading a student chapter of The Association of Energy Engineers (AEE) in Princess Sumaya University for Technology (PSUT) including our faculty advisor Mr. Ayman Faza, and our mentor Mr. Samer Zawaydeh. Our student chapter plays an important role in PSUT campus by starting “Go Green” campaign, with some actions, even little ones, we're making PSUT campus a much more sustainable and eco-friendly. Also we share awareness to open our members eyes to the truth – climate change, plastic pollution etc.

OUR SLOGAN

1

**TAKE
ACTION**

2

**MAKE A
DIFFERENCE**

3

**SAVE OUR
ENVIRONMENT**

What we do?

AEE PSUT student chapter offers a full array of informational outreach programs in order to fill the gap between Academia and the market needs including workshops, site visits, lectures, voluntary works, seminars (live and online), conferences, journals, books, and certification programs. AEE local chapters network and meet regularly to discuss regional issues.

The mission of AEE is to promote the scientific and educational interests of those engaged in the energy industry and to foster action for Sustainable Development and to graduate energy managers that help institutions save on energy costs so they can better serve their communities.



“ALL WE HAVE TO DO IS TO WAKE UP AND CHANGE.”

About AEE

The Association of Energy Engineers® (AEE®), founded in 1977 by Albert Thumann, is a nonprofit professional society of over 18,000 members in more than 100 countries. The mission of AEE is “to promote the scientific and educational interests of those engaged in the energy industry and to foster action for Sustainable Development.”

The Foundation of the Association of Energy Engineers is a nonprofit organization that is dedicated to furthering education in energy and management. To date, the Foundation has awarded over \$1,000,000 in scholarships for use by outstanding students.



About PSUT

Princess Sumaya University for Technology (PSUT), established in 1991, is a specialized, Non-governmental, Non-profit, Jordanian university, owned by the leading applied research centre in Jordan, the Royal Scientific Society (RSS). PSUT's area of specialization is IT, Communications and Electronics. As a nonprofit institution, PSUT embraces both the public and private sectors, but while akin to public universities in its mission, it is more aligned to the private sector in drive and spirit.



CHAPTER ACTIVITIES

1/8/2020

Chapter Officers take place



**Mohammed
Ibrahim**



**Kareem
Al Mulki**



**Sandy
Miguel**



**Jumana
Abu-Hamad**

The team consisted of Mohammed Ibrahim as a president, Kareem Al Mulki as vice president, Sandy Miguel as Secretary, Jumana Abu-Hamad as treasurer, Eng. Samer Zawaydeh as mentor, and last but not least Dr. Ayman Faza as a faculty advisor.

The chapter officers are passionate in the energy field and they are trying to make an impact and spreading awareness towards our climate and environment through the AEE Chapter at PSUT.

Waste to Energy

16/8/2020

The AEE PSUT received inclusive invitation for intensive 5 days workshop presented by engineers from the Royal Scientific Society on extracting the energy from the waste.

It was explained how the energy can be extracted especially from the organic waste, cow manure, and others, as well as other principles and definitions such as Waste Management principles, Thermochemical conversion, Biomass, and Bioenergy. The workshop completed with a site visit to one of the waste to energy projects in Jordan concluding all that has been learned in the theory.



2/11/2020

Green Building and Introduction to LEED Webinar



Samer Zawaydeh



The AEE and IEEE PES chapters held a virtual webinar via the Zoom platform with the outstanding engineers; Mr. Samer Zawaydeh and Ms. Majd Tarawneh.

This webinar aimed to explore the performance of the foundation of LEED, describe how the rating system's credit requirements are aligned with the performance, and identify the benefits of the performance criteria in LEED.

Majd Tarawneh



IoT, AI, and Energy Efficiency

25/11/2020

The AEE and IEEE PES chapters conducted a virtual workshop in collaboration with the Department of Electrical Engineering at Princess Sumaya University for Technology via the Google Meets. The workshop was given by the respected Mr. Butros Quawas, CEM, CEA, CMVP, PMP, and in the presence of Dr. Omar Mohamed.

The workshop aimed to introduce students to the latest inventions and technological achievements in artificial intelligence and the internet of things to achieve the highest energy efficiency in all sectors.



Butros Quawas

28/11/2020

Environment Cleaning



AEE members took a great part in eco-friendly community service activity, where they spent a whole day cleaning up an unclean environment. They experienced the efforts janitors put every single day to keep our beloved home country clean.

Also, the chapter members made a full vlog to share this amazing experience with the community to raise awareness, and the vlog succeeded delivering its mission by receiving high engagement.

The members raised a very important and pure message of saving the environment.

Collaboration with UT Dallas Student Chapter

Due to winning 2 awards in 2020, UT Dallas student chapter reached the PSUT chapter for help and advice. They arranged a meeting with them on the 17th of December at 6:30 pm for 1 hour exchanging ideas and benefiting from our previous ideas and experiences. Also, the chapter helped them with building their website.

17/12/2020



23/12/2020

Fossil Fuels and Renewables Webinar



Omar Mohamed

AEE PSUT Student Chapter also organized a great talk by the distinguished PhD Omar Mohamed, he discussed a very important topic especially in our modern world, where conventional energy resources are running up.

The talk was very interactive and beneficial because the attendees learned how to start and think seriously about renewable resources.

Creative Thinking Workshop

29/12/2020

A workshop was presented by Mrs. Elham Eriqat from the Royal Scientific Society in Jordan discussing how to think creatively and outside the box.

The workshop consisted of the definition of creativity, why we should think in a different way, how to do it and how to implement it in different problems.

The session included videos and some challenging interactive puzzles demonstrating how to see and view things from another angle.



Elham Eriqat

2/1/2021

Turning Idea into Reality Site Visit to Techworks

The chapter organized a site visit to Techworks in Jordan, which is a workshop that provides space for anyone who wants to turn their ideas into real projects.

There is a variety of different tools that is available for everyone such as wood cutting tool, 3D printers, Electronics, PCs and others.

Many projects were shown as well as prototypes that some people made before they turn their project into products.



Power Quality Analyzer Workshop

Mr. Saddam Ratrout from Princess Sumaya University for Technology presented a brief description on the Power Quality Analyzer and Clamp-Meter through a webinar where he explained how it is used by engineers starting from the connection to the data extracting process for the analysis.

Mr. Saddam Ratrout did some basic measurements using those tools on some devices such as the induction motor explaining how to connect them and read their data.

6/1/2021



Saddam Ratrout

10/2/2021

AEE Competition




In collaboration with AEE chapter's in Jordan, a completion was made on February, and the competition was about making the best energy audits on healthcare facilities and the winner gets a free registration for the CEA certification.

The chapter promoted this competition through their social media channels, and a member from AEE PSUT chapter has applied and won the competition.

How to defend your thesis? Workshop

20/2/2021

The AEE and IEEE PES chapters conducted a virtual workshop in collaboration with the Department of Electrical Engineering at PSUT via the Zoom platform. The workshop was given by the respected Dr. Omar Mohamed, and it was a very interactive session.

The workshop aimed to learn the basics of how to prepare for the day of defense, how to make a high-quality presentation, and deliver convincing answers to the examiners as the defense of the thesis is one of the main parts of the thesis work.



Omar Mohamed

27/3/2021

Members Networking



The chapter organized in-person meeting for the new and exciting AEE members at Princess Sumaya University for Technology.

The aim of this meeting was to meet with the new members and answer their questions, and network with them after the lockdown. Also, the chapter gave certification for past year members, and provided the chance to renew their membership in cash for those who don't have access for online payments.

The meeting was very successful as more than 10 students attended the session.

Green Talk on Clubhouse

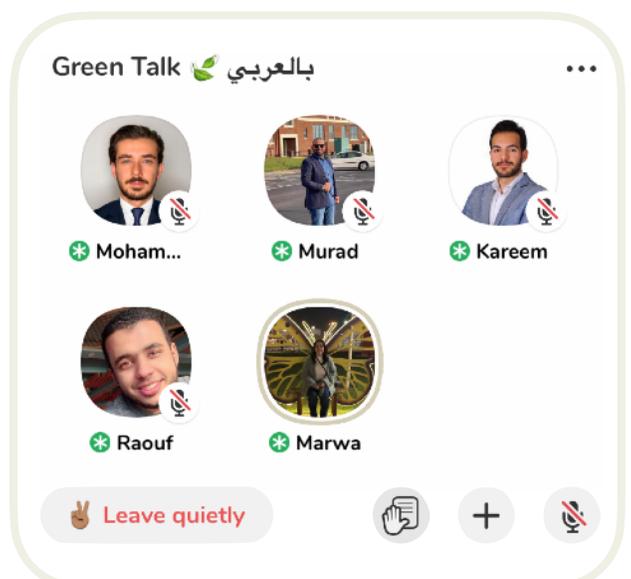
Clubhouse is a new viral social network based on voice - where people around the world come together to talk, listen and learn from each other in real-time.

The chapter adapted the change and made a club for AEE PSUT, and started a room with the topic "Green Talk" - an annual event for the chapter.

The room was very interactive, and the chapter networked with Ms. Marwa Mahmoud, a great energy consultant from Netherland, and held a webinar with her.

10/4/2021

Clubhouse



20/4/2021

AEE Conference



The chapter has promoted students to attend the energy efficiency and transformative solutions virtual conference from the association of energy engineers. Many students from the chapter has attended the conference.

The conference was a golden chance for the students to learn more about the latests developments in energy efficiency, clean energy, and decarbonization.

Earth Day Campaign

The chapter raised awareness for Earth Day by “Save Us Not the Earth” a short documentary made on earth day to spread awareness regarding our earth and climate change.

The documentary delivered key messages; use renewable energy, learn how to live with nature, stop wasting resources, stop destroying the forests, stop using single use plastics, and recommend challenging people to proactively change their behavior and sharing their ideas to avoid extinction.

The documentary achieved a great success for raising awareness globally reaching more than 13.5k people on Facebook!

22/4/2021



22/4/2021

The Future of Decarbonization Webinar



Samer Zawaydeh

A webinar presented by Mr. Samer Zawaydeh introducing the effects of increasing the CO₂ levels on climate change, many solutions and different technologies were discussed on how they can reduce the amount of carbon emitted to the atmosphere such as energy efficiency, renewable energy, hydrogen fuel, decarbonization, and others.

Also, the Webinar discussed the Paris Agreement and how every country should start to take action in order to start reversing climate change.

The Future of Sustainability Webinar

A webinar on What Sustainability is, What Sustainability is NOT, why it is important and how to achieve it. The event was highly interactive, discussing the consequences of climate change on our daily life, especially in Egypt and Jordan. The UN SDGs were also explained with some projects tackling these goals.

The webinar was presented by Marwa Mahmoud, an Environmental Engineer, Climate Change Consultant, and Energy Management Expert.

23/4/2021



Marwa Mahmoud

24/4/2021

How to Start Your Own Business?



Odai Baqaeen



Fadi Deabes



AEE hosted a very beneficial talk with two remarkable speakers, Odai Baqaeen and Fadi Deabes who are both certified online trainers at Dale Carnegie Jordan and Co-founders of 180 Degrees for Empowering People.

The talk was one of the most interactive and enjoyable talks, they described our current generation and how millennials should start thinking out of the box.

They shared some of their stories with the attendees on how to start a new business and it was very inspirational.

AEE Certifications

26/4/2021

The chapter offered for AEE members at PSUT a partial scholarship and promoted the AEE certifications. By April 26, exactly 25 have taken the CEM, 14 for the CEA, 2 for the REP, and 1 for the CLEP.

The courses added a great value to all the energy students where they took the opportunity to learn about the energy market, different energy tools and energy analysis.



cea® **CEM**®
REP™ **CLEP**™

29/4/2021

Recycling Campaign



Last year chapter officers spent a lot of work in spreading recycling bins in PSUT Campus and raising awareness, and they recycled tonnes of papers!

But during lockdown, the recycling bins remained empty in campus, so the team decided to bring recycling for every one home by collaborating with a local company (GREEN JO) to collect and recycle waste from homes.

Chapter Officers take place

The 2021/2022 board members were selected based on interviews and elections. The new team consists of Sandy Miguel as a president, Buthaina Qutaishat as vice president, Nader Abdel Aal as Secretary and last but not least Yousef Al-Droubi as treasurer.

The new chapter officers demonstrated their passion in the energy field from their previous contribution and helping with organizing the chapter events, and they are extremely excited to continue AEE mission.

1/5/2021



Sandy Miguel



Buthaina Qutaishat



Nader Abdel Aal



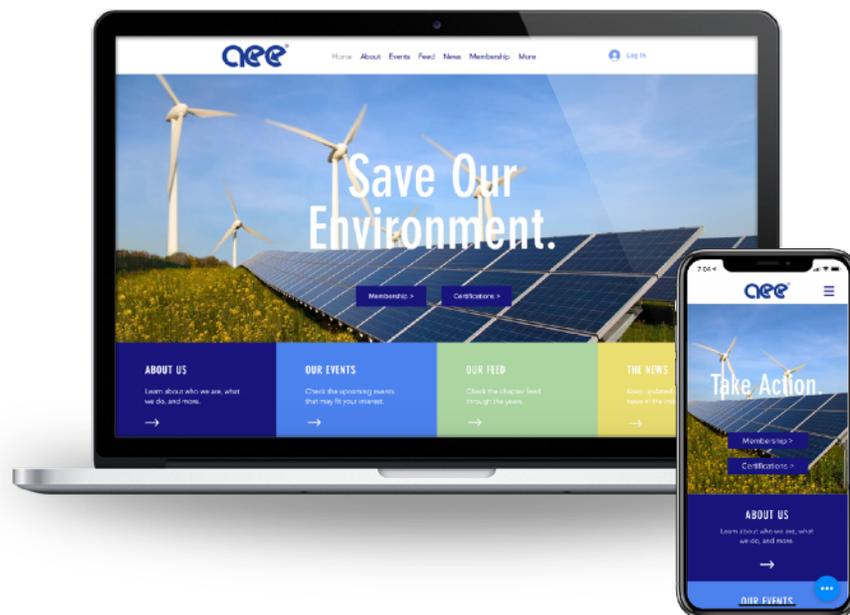
Yousef Al-Droubi

SOCIAL MEDIA HIGHLIGHTS



Website

www.aeepsut.com



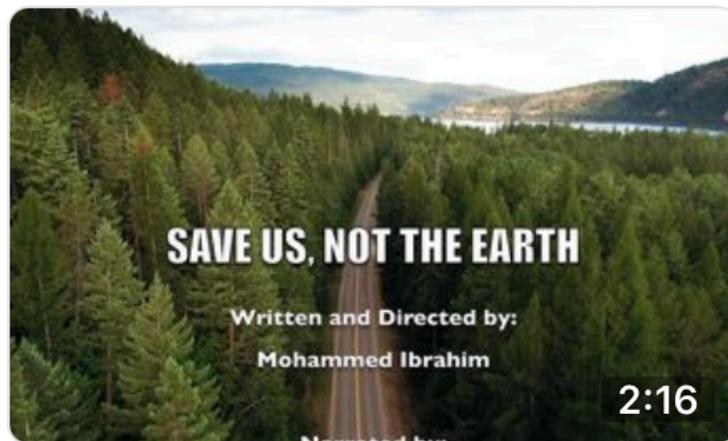
- Live events: allowed to host virtual webinars and meeting online within the website without the need for 3rd party applications and complications.
- Certifications: allowed visitors to see all the upcoming certifications form AEE in Jordan and register for them.
- Memberships: allowed to join the chapter and pay the fees online, also it allows exciting members to renew their membership.
- Emails: subscribers can now receive automatically every update on the website.
- News: now articles can be found on search engines like Google.



Facebook

facebook.com/aeeepsut

- 2182 followers
- More than 10,000 views on videos
- Earth Day video made a huge success and highly increase the engagements



Save us, not the earth

a week ago · 10.3K Views

You and 22 others

Post Reach
April 2 - April 29

14,161
People Reached ▲3822%



Post Engagement
April 2 - April 29

9,055
Post Engagement ▲20022%



Videos
April 2 - April 29

10,406
3-Second Video Views ▲10203%





Instagram
@aee.psut



- 262 followers
- More than 1,000 views on videos
- Entirely new theme design



Clubhouse
AEE

- 30 member on the club
- First club for AEE on Clubhouse
- Held the first meeting with “Green Talk” topic



Youtube AEE PSUT

<p>Save The Environ 1:44</p> <p>Recycling Service Tutorial AEE PSUT Student Chapter 1 view · 6 hours ago</p>	<p>SAVE US, NOT THE EARTH 2:16</p> <p>SAVE US, NOT THE EARTH Short Documentary AEE... 100 views · 1 week ago</p>	<p>Vlog ENVIRONMENT CLEANING 3:57</p> <p>Environment Cleaning Vlog AEE PSUT Student Chapter 48 views · 4 months ago</p>	<p>Topics covered in CEA -> 3:00</p> <p>What is 'CEA' ? AEE PSUT Student Chapter 29 views · 6 months ago</p>	<p>LET'S HEAR THEIR CEM EXPERIENCE! 2:03</p> <p>PSUT graduates CEM experience AEE PSUT 41 views · 7 months ago</p>
<p>Love Syndrome Initiative AEE PSUT Student Chapter 1:06</p> <p>78 views · 10 months ago</p>	<p>Social Media Campaign of the Year 2019/2020 AEE... 2:49</p> <p>22 views · 10 months ago</p>	<p>Green Talk of the Year 2019/2020 AEE PSUT... 1:29</p> <p>29 views · 10 months ago</p>	<p>Brief of the Year 2019/2020 AEE PSUT Student Chapter 1:29</p> <p>19 views · 10 months ago</p>	<p>What is 'CEM' ? AEE PSUT Student Chapter 3:30</p> <p>79 views · 1 year ago</p>
<p>Our best friend vitamin C AEE PSUT Student Chapter 1:25</p> <p>18 views · 1 year ago</p>	<p>Coronavirus Awareness AEE PSUT Student Chapter 1:53</p> <p>67 views · 1 year ago</p>	<p>Lecture at Asamah International School AEE... 3:29</p> <p>49 views · 1 year ago</p>	<p>Carmen's Walking Journey AEE PSUT Student Chapter 1:42</p> <p>302 views · 1 year ago</p>	<p>The Optimum Recycling Bin for Papers AEE PSUT... 1:24</p> <p>52 views · 1 year ago</p>



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- 71 followers
- More than 500 views on feed
- Increased the webinars attendance