



March 2018

SandRose

Magazine



Kingdom of Saudi Arabia Section

leave a
Legacy

March 2018

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Kingdom of Saudi Arabia Section

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COMPASS

Welcome from the Editor-in-Chief

It is my pleasure to welcome you to another edition of SandRose magazine. In this edition, we have highlighted the SPE-KSA Section activities and events conducted over the past two months. These events include the technical programs, young professional sessions, students’ outreach achievements and the social activities that allow our members to network and connect with others. In the meanwhile, our teams are preparing for upcoming major events such as the Annual Technical Symposium and Exhibition, and the Young Professional Technical Symposium.

We selected a special topic to highlight and discuss in this edition: volunteerism and how we are impacting our community through our actions. During the last month, our team did a fantastic job in giving back to the community by reaching out to more than 10,000 students and visiting more than 30 Saudi cities and 100 schools. Conducting these knowledge-sharing sessions are at the core of what SPE-KSA Section stands for and we are proud of our team and their dedicated efforts in raising awareness about the energy industry and the future of STEM fields.

I’d like to thank TAQA for sponsoring this edition. Our partnerships with our sponsors are vital to the success of this magazine. Their support and help during our social activities, campaigns, and technical sessions add a great deal of value to the association and its members.

We hope SandRose magazine will become a primary platform to share findings and knowledge that will benefit our readers and members. We are now welcoming submissions for future issues of SandRose and invite you all to share a topic you are passionate about. Your feedback is important to us, so please don’t hesitate to contact our team with your reviews and ideas.



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Message from the Chairman

As the Society of Petroleum Engineers – Kingdom of Saudi Arabia Section continues its great efforts in enriching and inspiring our members and peers across the Kingdom, companies are coming forward to show their support and dedication to empowering professionals and students in the energy industry to reach their full potential, and to also help us in making a real impact in our communities through valuable volunteering opportunities.

SPE-KSA Section has amassed a record-breaking number of sponsorships this year with 19 companies that share our values and eagerness to make a difference. We have welcomed five new sponsors this year and hope that our relationships with these companies will continue to grow.

Volunteerism is the theme for this edition because it is the essence of what SPE-KSA Section stands for. Some of our activities during the last few months included the organization of a beach cleaning campaign in collaboration with TAQA, our sponsor for this edition. The section is working at full momentum to achieve its mandate: enhance technical and professional competence of section members, inspire young professionals through dedicated activities and events, reach out to students across the Kingdom to promote the oil and gas industry, and finally to grow volunteerism and support our community.

Our Technical Programs team has conducted remarkable technical dinner events including a dinner meeting with H.E Nabeel AlAmoudi and Dr. Iván Martén. The section also conducted its second Distinguished Lecturer talk by Mr. Mark Proett. The Annual Technical Symposium and Exhibition 2018 (ATS&E) has received a record breaking number of abstracts reaching over 900 submissions from more than 40 nations. We’ve attracted many companies to showcase their technologies and products for the benefit of our members and look forward to sharing the knowledge and creativity with all attendees from the industry.



DR. ZEID AL-GHAREEB
Chairman, SPE-KSA Section

Inspiring young professionals has also been a main objective for our term. The Young Professionals team conducted 15 events curated to inspire our young talent, and the team is currently working on the 2018 Young Professionals Technical Symposium (YPTS) under theme “Exploring Opportunities, Producing the Unimaginable,” which aims to leverage the role of young talents in seizing opportunities and making a difference. This year, we will introduce a panel based symposium to maximize engagement and ensure that all of our participants benefit from the event. Communicating with professionals in the energy industry is only part of our outreach efforts as our teams have made a great push in reaching out to students around the Kingdom. The Student Outreach team conducted a Kingdom wide roadshow to promote the opportunities in the oil and gas industry to high school students. We also opened a new SPE-KSA student chapter at Effat University. This is the first chapter dedicated to our university female students. I’d like to sincerely thank all of our volunteers for helping us in fulfilling the goals of our society and hope that they will continue working with us and adding value in future events.

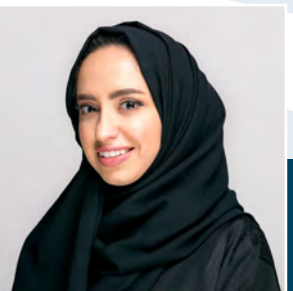
Meet our SPE-KSA 2017-2018 Executive Board



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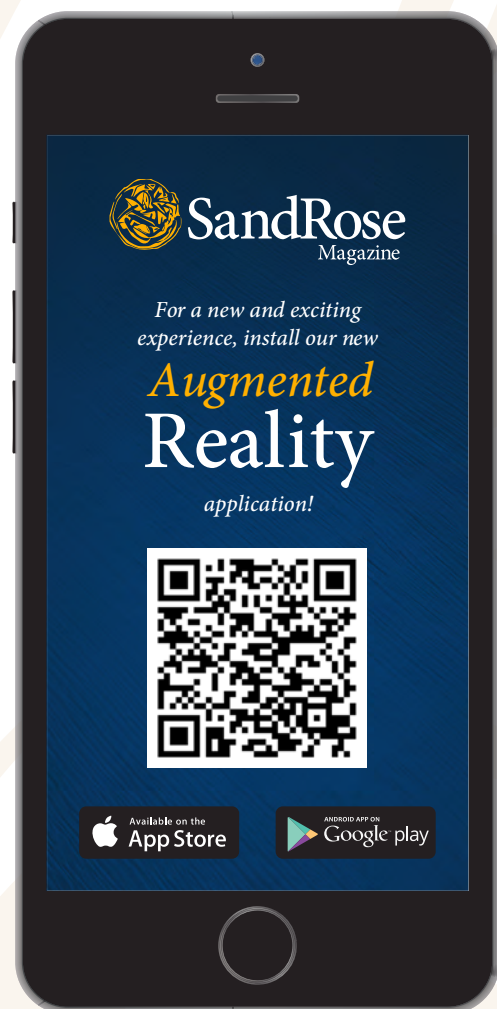
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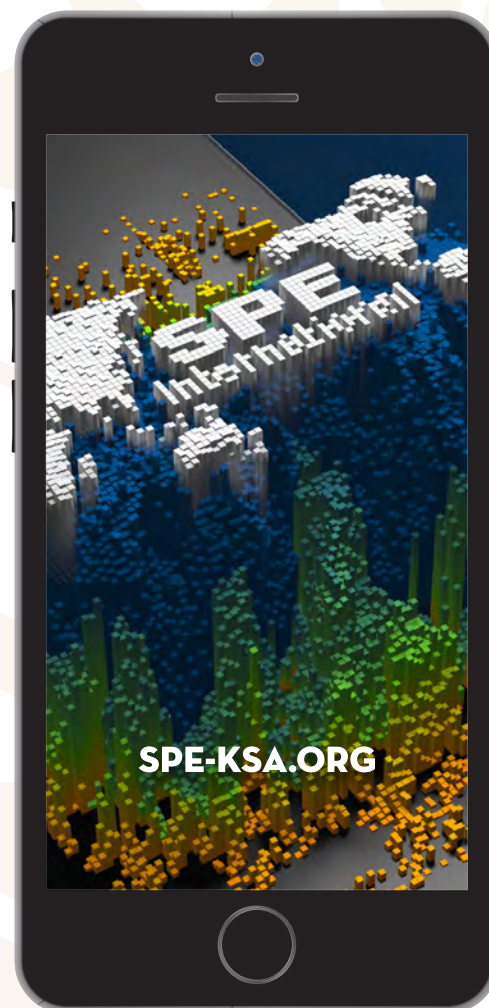
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sandrose@spe-ksa.org

SandRose magazine showcases our strong community of energy industry professionals and students through the articles that you write on technologies, viewpoints, ideas, and activities.

Leverage SandRose as your platform to feature perspectives in the energy sector from any discipline. Send us topics that you find most interesting or interviews that you've conducted with leaders or colleagues for our community to enjoy and learn from. Include relevant high-resolution photos with captions to complement your stories.

We encourage anyone interested in learning and practicing content strategy, magazine development, or design and layout to join the SandRose team as a volunteer.

Regards,

Hind Al-Rayes
Editor-in-Chief



SandRose Magazines Introduces Augmented Reality in New Edition

The SandRose team organized a promotional campaign on March 11-12, 2018 for the newly issued SandRose edition, in which the team showcased the new SPE-KSA application and showed employees how to activate the pictures using augmented reality. *“This year’s first issue of SandRose magazine is a special one,”* said Hind Al Rayes, current editor-in-chief of the magazine.

“If a picture is worth a thousand words, then what is a video worth? This is an idea and a concept that we exploring through technology to create a more interactive and engaging reading experience for our audience.”



The SandRose booth attracted more than 600 guests, who were excited to test the augmented reality feature of the magazine. To create a sustainable design, Salma Al Hashimi, SandRose associate editor, came up with the idea of using recycled material to decorate the booth.

“It’s remarkable how many different art pieces and decorative items you can develop using ordinary glossy magazine pages! We also used oil barrels as seating chairs and bookshelves to display the magazines,” said Al-Hashimi, who led the initiative to convert recyclable materials such as magazine papers and oil barrels into a useful function.

“The diversity of the SPE team and the abundance of perspectives contributed to the success of this magazine. This experience has shown me the importance of team-work and innovation – the latter being a fundamental tool to enhancing our day-to-day lives,” said Al Rayes.

“I’m proud of the efforts of our team, which culminated in the creation of the SPE-KSA app and the introduction of augmented reality in our publication. Our goal this year is to enhance our members technical competency and support our community through various social responsibility programs,” said Zeid Ghareeb, 2017-2018 chairman.



GIVING BACK TO OUR COMMUNITY

(MARCH 2018)



NEW WORLD RECORD: TEAM REACHES 10,000 STUDENTS BY VISITING MORE THAN 30 SAUDI CITIES AND 100 SCHOOLS

The Kingdom of Saudi Arabia section represented by the Student Outreach Team has visited 35 cities and conducted 133 sessions, inspiring students about the oil & gas industry and the importance of a diversified work environment. Saudi Aramco sponsored 15 ambassadors to travel and conduct these sessions. Those SPE-KSA active members and young professionals shared their experience in petroleum

engineering during their time in college and while working in a world-class company such as Saudi Aramco. In addition, they shared their progress in career development, soft skills and managing their time to achieve a healthy balance in life. These visits aimed to enhance the awareness about the oil and gas industry. Promote for possible future collaboration opportunities, and share examples of how SPE helped them to connect and develop as individuals.



SAUDI ARABIA SECTION PRESENTS: E-MENTORING PROGRAM

In a collaboration between the Student Outreach team and the five active chapters in the Kingdom, the e-mentoring program started utilizing e-channels that the society provided via email, Skype, LinkedIn and other social media. The program provides SPE members with a way to contribute to the industry by sharing insights and practical career advices with young professionals, or by helping university students with academic and career direction. Mentors are:

- Nawaf I. SayedAkram, PhD
- Ammar J. Alshehri, PhD
- Adel A. Qahtani, PhD
- Bander N. Ghamdi, PhD



FUTURE IS BRIGHT FOR WOMEN WORKFORCE IN PETROLEUM ENGINEERING

A unique initiative by Students Outreach pays its benefit. The team expanded the range of e-mentoring programs to include students from high school levels to help guide them in career choices and enlighten them on possible future opportunities. Mujabah Al-Qahtani, a Saudi female who lives in Riyadh city, was especially interested to learn about the oil and gas industry and more specifically about petroleum engineering and reservoir management. Mujabah communicated with SPE-KSA Student Outreach seeking support to provide her with more information and insights about engineering. Mujabah was mentored by Sultan Al-Madani, Student Outreach Chairperson, and

Rabab Al-Dossary, Ministry of Education Representative in Riyadh. Recently, Mujabah joined the Career International Day Competition in Riyadh and won first place. She described her interest in joining the industry and becoming a female reservoir engineer. In the future, she would like to join a company like Saudi Aramco to serve the economic cause and pave the way for many females seeking similar career paths. Deemah Al-Ashban is another student who hopes to serve the research sector of the industry. Deemah is a student who will represent the Saudi team in the Intel ISEF 2018. Her project for this international competition is about enhancing oil recovery and CO2 injection. Mentoring this talented future scientist is Dr. Ammar Al Shehri from EXPEC ARC- Saudi Aramco. Deemah's target is to win the competition and to start looking for career opportunities in the oil and gas industry.

SPE KSA STUDENT OUTREACH COLLABORATES IN ROBOTICS EVENT IN SCITECH

The SPE-KSA Student Outreach team collaborated with Scitech to inspire more than 70 students from public schools about the energy sector and shared information about petroleum engineering. Abdulaziz Bakr and Reham Kalkattawi explained the difference between classical

engineering and the development of technology in the oil and gas fields, providing examples of advanced new geosteering and completion technologies, adaptive ICDs, and intelligent field practices.

Technical Dinner Meeting

H.E. DR. NABEEL AL-AMUDI

The Role of the Ministry of Transport in Vision 2030
January 31st, 2018

The Society of Petroleum Engineers – Kingdom of Saudi Arabia (SPE-KSA) section held its January Technical Dinner meeting on Wednesday, January 31, 2018, which hosted his Excellency Dr. Nabeel Al-Amudi, Saudi Arabia's Minister of Transport and the former president of the Saudi Ports Authority. Dr. Al-Amudi engaged in a cordial dialogue with Dr. Ali Al-Meshari, Manager of EXPEC Advanced Research Center at Saudi Aramco, who outlined in his opening remarks the four main dimensions of the session transportation infrastructure, technology, self-reflections, and young professionals. His Excellency began by expressing his gratitude for the invitation stating that he has always had an affinity for SPE events.

"The Society of Petroleum Engineers is probably the best technical institution in the region, and certainly one of the pillars within Saudi Aramco," he said. As the kingdom is undergoing a long-term blueprint to transform itself into a more diversified economy, his Excellency stressed on the critical role of the Ministry of Transport to achieve the goals and expectations of the government and the people. Even with having the most extensive road network in the Middle East, Dr. Al-Amoudi insisted that there are many investment opportunities in the transport sector. Moreover, Dr. Al-Amoudi touched on the subject of female driving as well as newly introduced fuel price reforms and their plans on reducing road traffic along with increasing utilization of public transportation.

His Excellency expressed his sense of pride with regards to the role of the youth in the Kingdom. "70 percent of the Kingdom's population are 35 years old or younger. Many people might view that as a problem. In fact, it is a huge dividend for the country. This is where you get the energy, talent, enthusiasm and acceptance for change." His Excellency stated that he, and other fellow ministers, are working on creating a country suited for the young generation to emerge and prosper. Following his Excellency's speech, Mr. Amin H. Nasser, President and CEO of Saudi Aramco, Dr. Mohammed Al Qahtani, Senior Vice President of Upstream in Saudi Aramco and Honorary Chairman of the Board of Directors of SPE-KSA section, and Mr. Nasir Al Naimi, Vice President of PE&D in Saudi Aramco and Chairman of the Board

of Directors of SPE-KSA presented Dr. Al-Amudi with a recognition trophy as a token of appreciation for his participation in this event. The event hosted over 330 attendees ranging from various management positions, engineers and students.



A New Oil Paradigm *Dinner Meeting* DR. IVÁN MARTÉN



The Society of Petroleum Engineers – Kingdom of Saudi Arabia Section (SPE-KSA) held its February Technical Dinner meeting on Tuesday, February 27, 2018, which hosted Dr. Iván Martén, Vice Chairman of The Boston Consulting Group Energy Practice (BCG).

Dr. Martén delivered a presentation titled: *“A New Oil Paradigm?”* in which he discussed the strengthened oil markets and the opportunity oil and gas companies are facing due to this new paradigm. The presentation showcased the factors affecting the supply and demand curves in the current markets; demand growth

is in question though demand has continued to grow around 1.5% per year in areas where substitution is challenging.

Dr. Martén also displayed how companies are responding to this new complex environment, through greater focus on profit per barrel, flexible capex, more balanced portfolios and resilience and optimizing operating models.

This session was concluded with Dr. Martén answering some of the questions from the audience.

At the end, Dr. Mohammed Al Qahtani, Senior Vice President of Upstream in Saudi Aramco and Honorary Chairman of the Board of Directors of SPE-KSA section and Mr. Nasir Al Naimi Vice President of PE&D in Saudi Aramco and Chairman of the Board of Directors of SPE-KSA presented Dr. Martén with a recognition trophy as a token of appreciation for his participation in this event. Over 350 attendees came to the dinner meeting, ranging from various management positions, engineers and students.



Distinguished Lecturer Program (DLP):

MR. MARK PROETT



The Society of Petroleum Engineers – Kingdom of Saudi Arabia (SPE-KSA) held its second and last Distinguished Lecturer Program (DLP) event on Sunday, March 11, 2018, which hosted Mr. Mark Proett, a Sr. Petroleum Engineering Consultant for Aramco Services Company in Houston.

The lecture was titled

“Automated Interpretation of Wireline and LWD Formation Testing Dynamic Data.”

Mr. Proett shed light on the automated process by which real-time wireline (WL) and Logging-While-Drilling (LWD) measurements, which are routinely recorded, are used to automatically generate the results for enhanced formation evaluation. He demonstrated the basic principles used to develop quality parameters and improve the integration of the dynamic data into the petrophysical analysis. Mr. Proett shared several field examples to illustrate the utility and time-savings of this new workflow.

At the end, Mr. Proett was presented with a recognition trophy as a token of appreciation for his participation in this event. The attendance reached 120 attendees, varying between Saudi Aramco and Service Company employees, and KFUPM students.



Technical Series Hosts its Second Session:

BY MR. CESAR MONTOYA

The second session of the technical series was held on February 28th, hosting Mr. Cesar Montoya, the team lead of Production Enablement Department at Baker Hughes, a GE Company. Cesar discussed the lesson learned

through his experience on how to best estimate daily flow rates from wells equipped with Electrical Submersible Pumps (ESPs).

Cesar provided the audience with the theoretical background, best

practices, proper corrections and lessons learned to get a proper estimation of flow rates, as these rates are not directly given by the downhole sensors associated with ESPs installation.



The Secrets of Persuasion

DECEMBER 2017

BY MR. RANDY MCCLARRE



While SPE's Inspirational Leaders' monthly sessions serve as a platform for leaders to provide their insight and knowledge to young professionals, the Inspirational Leaders Workshops are designed and tailored to enhance the skills of young professionals through concise sessions with experts of their fields, preparing them for their future leadership. In this workshop in particular, 40 attendees experienced different table activities that allowed them to walk out of the room with a better understanding of the art of persuasion.

Mr. McClarren has previously provided consultation to well-known companies such as USAA, Textron/Bell Helicopter, i2 Technologies, RadioShack, and American Airlines. He began his workshop by filling the room with a lot of energy.

Mr. McClarren allowed for interaction and movement around the room, letting the attendees feel more comfortable and in charge of the session. He introduced the difference between persuasion and influence in terms of meaning, and effect on the person experiencing them.

The speaker teamed up the attendees in an exercise that allowed them to better understand themselves and to gain more insight on how to request work to be done. He then reflected on what was taught over the work environment and gave a handout detailing all persuasion approaches.

At the end of the workshop, all attendees were paired randomly and asked to perform an exercise. The exercise

was to perform a given scenario and to experience the difference between the various persuasion approaches and their effect on the outcome. Inspirational Leaders Team Leaders, Mohammed Al Nahas and Rabab Al-Meshikhes thanked the speaker and presented him with a token of the association's appreciation for his participation.



TAR Mat: Fundamentals, Evaluation and Challenges

Passionate Steps to Success



GABOR HURSAN



MAT STIG LYNGRA



MURAT ZEYBEK



LAJOS BENEDEK



MR. ABDULAZIZ ALNAIM

A technical workshop was organized by the SPE-KSA Young Professionals Academy team, which hosted four of the best experts in their fields. Lajos Benedek who is a Senior Reservoir Engineer with Saudi Aramco's Southern Area Reservoir Management Department; Mat Stig Lyngra who works in Saudi Aramco's Southern Area Reservoir Management Department as a Senior Petroleum Engineering Consultant; Gabor Hursan, who is a petrophysicist at the Reservoir Description Division in Saudi Aramco, working as the company's NMR logging expert; and Murat Zeybek, who is a Schlumberger Reservoir Engineering Advisor and Global WL Reservoir domain expert. Stig Lyngra started off the workshop

by introducing the TAR Mat? and talking about some fundamentals. Gabor Hursan then walked the audience through the NMR applications in detecting and evaluating the Tar and heavy oil. After that, Murat Zeybek took over and talked about Tar and heavy oil delineation. Finally, Lajos Benedek explained some of the challenges that the Tar could cause and then concluded with some development results that were achieved in south Ghawar.

The YP Academy team leader Hana AlMatouq concluded the session by presenting acknowledgment and appreciation certificates to all speakers.

The SPE-KSA Inspirational Leaders team had the honor of hosting Mr. Abdulaziz Alnaim, the founder and a managing partner at Mayar Capital, a global investment management firm that serves institutions, family offices, and high net-worth individuals.

This session was held in a "Question and Answer" setting, moderated by Dr. Naji Alshammasi, an Assistant Professor of Finance at the College of Industrial Management (CIM), King Fahd University of Petroleum and Minerals (KFUPM).

The questions asked in the session revolved around the

lessons Abdulaziz learnt during his journey. Some of which Included the importance of taking risks, as well as having mentors and a supportive family, which he believed played a key role in pursuing his dream. In addition, Abdulaziz and Dr. Naji successfully explained basic financial concepts for non-finance majors in this session, such as how to select the proper investment, and the review process to track how successful the investment is.

At the end of the session, a token of appreciation was presented to Abdulaziz and Dr. Naji by Dr. Zeid Al Ghareeb, Afnan Al Abdulqader, Hind Al Rayes and Rabab Meshikhes.

Introduction to Coiled Tubing Services at NPS



A technical trip was organized by the SPE-KSA YP Academy team to National Petroleum Services (NPS) base. The training sessions were covered by Mr. Osama Al-Baloola, an instructor for WellCap and Well intervention (CT, N2, and pumping) who had delivered 2,160 training man hours to 62 Aramco Well Completion foremen and SPE-YP&SO in 2017.

With around 40 attendees, NPS training center was filled with students, young and senior professionals who were attentive to learn about the wide CT services and the advantages of each service.

Mr. Al-Baloola started the training session with an introduction to CT; covering the history of CT, showing the CT components, and presenting the different CT

applications in drilling and production offered by NPS. Then, the attendees were taken to CT Unit Tour, where they had the opportunity to see a CT unit and its different components.

The session ended by recognizing NPS for their valuable participation, and presenting NPS Coiled Tubing Department with a token of appreciation.





Welcome to TAQA

As an enabler of economic growth and diversification, TAQA provides leading products and services to the energy industry, enabling performance and sustainable business for our customers. TAQA is committed to the principle of nurturing local talent, local innovation and the enablement of success – a principle that goes right to the heart of the Kingdom's 2030 Vision for economic diversification and sustainable growth. There are few things more important for any nation than the pursuit of economic growth, the creation of jobs and wealth generation for the many. TAQA is investing in and supporting the growth of high-caliber, home-grown industrial and energy services. We look forward to increasingly playing our part in our nation's goals, as an economic champion as well as in delivering value to our people, our shareholders and our communities.

The Beginning

TAQA was established in 2003. The Saudi Government, through the Public Investment Fund, owns 45% of TAQA, while the remaining 55% is owned collectively by Joint Stock Companies and several private and industrial investors representing a cross-section of the Saudi industrial community. To facilitate its ambitious growth plans, TAQA's share capital was increased in May 2006 from SR 533 million to SAR 2,000 million and to 5,000 million in November 2015.

Mission

To deliver the highest quality products and services to the industrial and energy industries through development of cutting-edge technologies, methodologies and the very best human capital available.

Vision

To be among the top three oilfield services companies in the region by 2020.

Our people are our business

TAQA is not only a champion for services and manufacturing excellence in the oil and gas industry, it is a champion for people. Right across TAQA and its portfolio companies, the security, safety, welfare and development of human capital are guiding principles that permeates all operations. TAQA provides a comprehensive career progression plan for all its employees with professional development plans and external training courses in crucial areas such as leadership skills, technical training and succession planning. TAQA hires the best, invests in the best and keeps the best because people are our business.

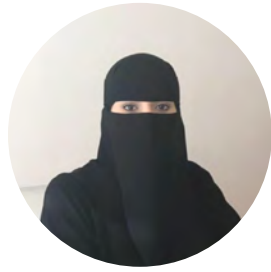


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The Imperative of Internal Communication Activities

BY HANOOF AL SELEEM

Corporate Communications Trainee, TAQA

Organizing recurrent and informal staff engagements in the workplace will, according to conventional wisdom, boost the communication efforts that make up the foundation of the work group. Staff who can count on consistently meeting with fellow co-workers and their managers will feel more ownership of the work they do because of the frequent opportunities to communicate with one another at these encounters.

More significantly, employees are more likely to feel a sense of trust for leaders who includes them in the planning and processes that make the workplace a better place. Given the fact that employees devote plenty of their time at work, it is critical to make them feel that they are part of the exciting journey of the company as it meets its strategic goals.

Enter "Fun Thursday." As part of TAQA's drive to build an internal communication culture, it has embarked on a brand-new initiative in which it earmarked an hour every last Thursday

of the month to gather all staff for lunch in a relaxed environment.

An organization's internal communication culture reflects its values, beliefs, and what it aims to create in the company and give back to the world. Effective internal communication can do much more than manage and distribute information. Sound internal communication activities like Fun Thursday can do wonders to nurture the relationships between employers and employees that will ultimately promote a culture of trust, which is essential to any team working towards common aspirations.

Communication, internal or external, is always the key, whether it's selling your idea to potential investors or promoting your company's culture to employees. Just because something is common sense does not mean it is universally observed. Many corporations fail to pay attention to the needs of their employees and to communicate the goals of the organization effectively, which can have a harmful impact on workplace culture and employees' levels of engagement and productivity.

"TAQA is not only a champion for services and manufacturing excellence in the oil and gas industry, it is a champion for people because our people are our business"



Love Thy Beach

ABDULRAHMAN ALKHERAIGI

Corporate Communications Senior Manager
TAQA

Sooner or later, we will have to recognize that the Earth has rights, too, to live without pollution. What mankind must know is that human beings cannot live without Mother Earth, but the planet can live without humans. Evo Morales

Make no mistake, to succeed in today's global marketplace, sustainability must be embedded in the way we do business. Small wonder that companies use their vision to integrate the environmental, social, and economic dimensions of sustainability into their core business strategy. Ensuring that their businesses have a deep understanding of the megatrends that positively affect local communities for years to come, companies are adamant more than ever to show their footprint on the environment.

Undoubtedly, our natural environment becomes unbalanced and unsustainable when it is polluted and stripped of its natural resources by apathy or utter laxity. Our lives and the lives of marine species are destructively at stake as we find our health and wellbeing being distressed by ecological contaminants in our surroundings, particularly seashores.

It is against this milieu that TAQA has taken its responsibility towards Mother Earth very seriously.



The "Sea No Evil" initiative, which TAQA proudly collaborated with SPE-KSA to organize, was a clear testament to the company's adamant commitment on the road to sustainable development and to safeguard the environment for this generation and posterity.

(As SPE Cares about our community in all aspects especially when it comes to protecting the environment, Trips and Social Activities team in collaboration with TAQA conducted "See No Evil" campaign to clean up Aziziyah beach area on Saturday February 17, 2018. Around 250 participants have took part on this unprecedented cleaning activity from (SPE, TAQA, Khobar Municipality, Dhahran Diving Association, Gawth Team, Diver Association, Eastern Diving Centers.

The participants have collaboratively managed to collect around 1 ton of trash material from the beach area and send it for recycling. The objective of this event is to raise our community's, at large, awareness about environment protection and motivate them to keep our beautiful beaches clean and neat.)

As citizens of the world, each of us is indubitably accountable to preserve the ecosystem. Our individual choices and human actions unmistakably contribute either to the betterment of local communities and the wellbeing of millions, or ultimate deterioration of the environment.

The choice is crystal clear!



Family Fun Day

Event Team Leader:
Hajer Al-Usail



The Trips & Social Activities team organizers and volunteers recently planned a family day for their staff members, friends, and volunteers to enjoy a day of socializing and networking in a more casual environment. More than 100 multinational families gathered at the Holiday Inn Resort Half Moon Bay to celebrate the Family Fun Day.

The event included an array of activities such as making and purchasing traditional handcrafts, henna, face painting, a volleyball competition, horse and camel rides, motorbikes, swimming sessions, and an entertainment show.



The attendees were served refreshments in the heritage tent before engaging in the offered activities. After sunset, dinner was served in the tent. The families were seated on the beach and enjoyed the entertainment show provided by the staff.

The Trips and Social Activities team offered thanks to their organizers and the team of volunteers who planned and executed this event. *“Without their strength and support, this event would not be possible,”*



Mind & Soul

Trips and Social activities team was sponsored by Hawiyah Gas plant to conduct a book awareness campaign for four consecutive days under the leadership of Latifah Nasser.

The objective of this event was to increase the awareness

of the importance of reading to nurture the mind along with the importance of the art to the soul. Picasso once said

"Art washes away from the soul the dust of everyday life."

"Being part of such a great team and feeling the support from your teammates is one of the best feelings I have ever had. We felt the power of our shared goal. Brining the library to the core area and taking it to Udailiyah brought a great joy to our spirits".

Latifah Al--Nasser



The Chronicles of an Aspiring Pianist



SRRAH AL-GHEITHY

My journey as a musician started like many others, with picking up an instrument and giving up after a few attempts of what sounded like noise. Although I had a previous, unsuccessful experience learning the guitar, I began learning to play the piano four years ago and ever since then I've been an aspiring pianist. I went from barely pushing myself to practice a few minutes a day, to rushing home during lunch to relieve some stress by practicing a favorite piece.

I started out with a tutor for a couple of months, and then went on to try every website, app, or YouTube tutorial the internet has to offer for self-taught

practice. This was because the best lesson my tutor taught me was that there is no one correct way to learn playing an instrument, so long as you are playing, enjoying yourself, and committing to practice.



To anyone wanting to learn, my best advice would be to try, try, and try enough times that you never regret not practicing that one more time. I guarantee that you'll be surprised with how quickly you'll progress when you commit to trying again and again. I personally enjoyed recording, tracking, and even sharing my progress because it was always a great reminder of just how far I have come, and always motivated me to keep going. Once I gave myself the chance to explore my potential, I started to wonder why I hadn't started playing sooner. So, for all of you who share the same dream, know that it is as close to your fingertips as you are willing to reach for it, literally!

I hope you enjoy the piece that I have shared with you here and feel free to follow my piano journey at

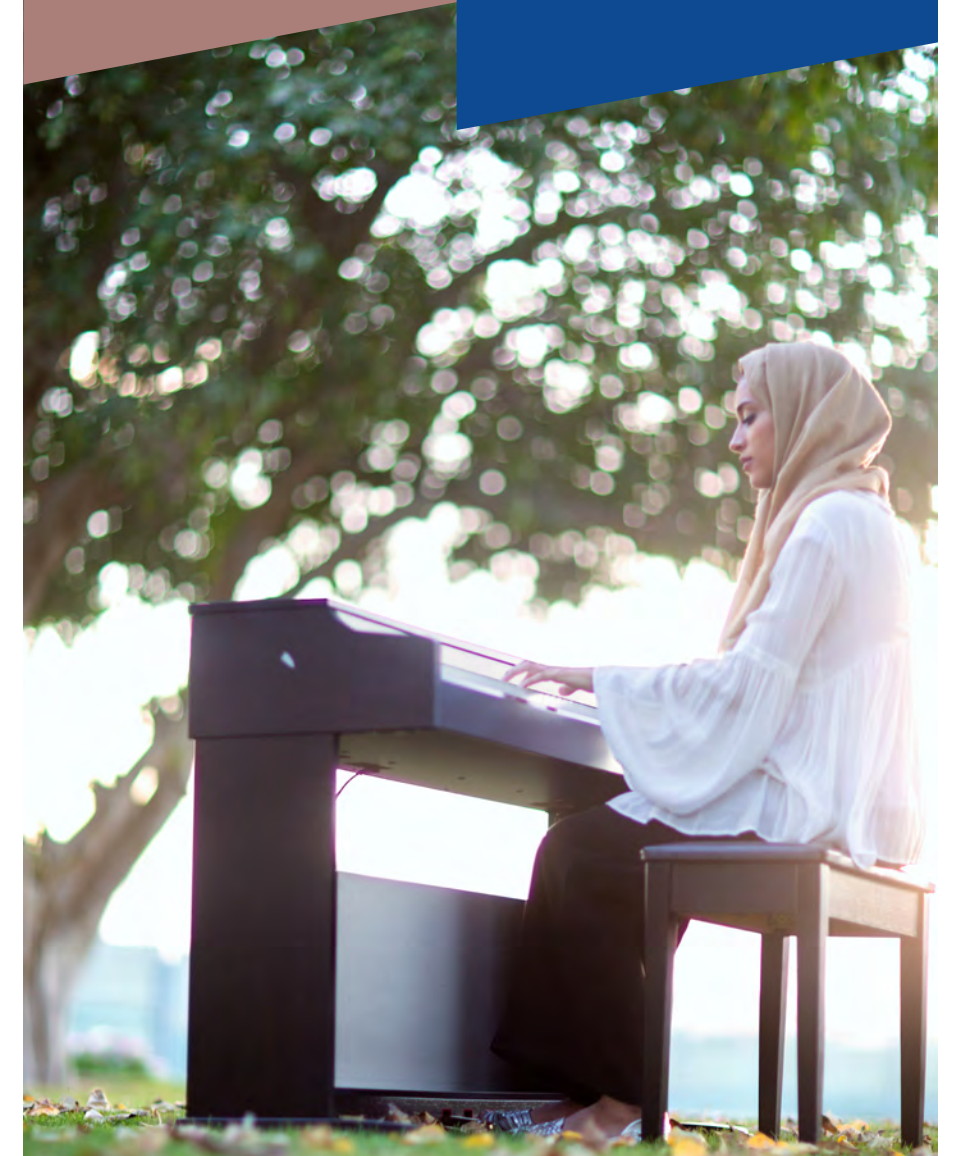
@positivepianovibes for more.

Video & Photo Credit:
Bahi Mashat



*In this section,
we will showcase
the diverse skills
of SPE members.*

Share your passions with us,
sandrose@spe-ksa.org



“The purpose of life is not to be happy. It is to be useful, to be honorable, to be compassionate, to have it make some difference that you have lived and lived well.”

— By Ralph Waldo Emerson

USEFUL APPS

Check out these apps

In this SandRose issue we're introducing a new periodical column that focuses on useful and creative smart phone applications. We will be introducing a list of 5 apps that cover a variety of interests and needs.

The list below was suggested by SandRose readers, and we encourage you all to send us an email, at sandrose@spe-ksa.com with your own list of apps. The most creative and useful apps will be featured in our next issue.



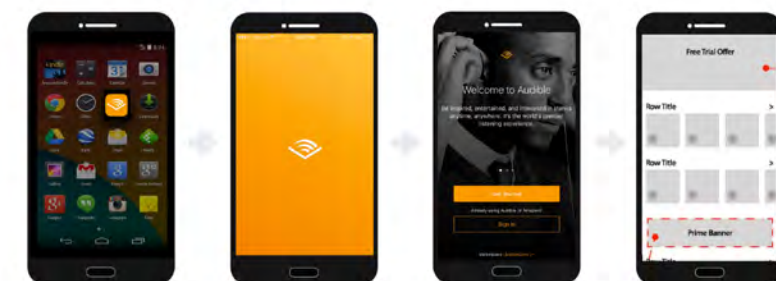
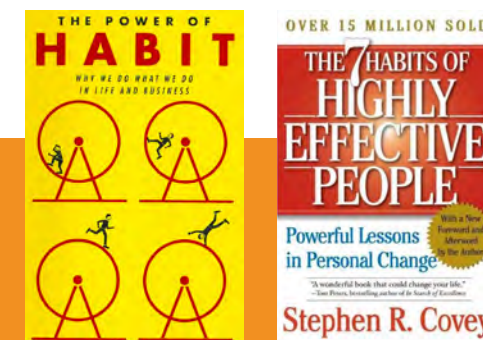
Knowledge and self-development

Audible

Audible is a library of audio books and has the world's largest selection for those who prefer listening to books rather than reading them. The application has over 50 million downloads, and a 4.5 star rating.

Some of its features include: Catalog of books, book reviews, night reading mode, ability to recommend, sample, multi-device sync, bookmarking content, subscriptions, reading offline, commenting on books, recommendations, and lending books to friends.

Suggestions for first user:



Knowledge and self-development

Duolingo

Duolingo is a very useful tool to learn and practice new languages. The app provides different exercises to assist individuals and groups to memorize new words, form sentences, and use correct grammar. The app allows you to create your own profile and track your progress, or create a group to compete with others and maintain your excitement and enthusiasm for learning. The app has exceeded 1 million downloads, and has a 4.7 star rating.

The app teaches English, Spanish, French, German, Italian, Russian, Portuguese, Turkish, Dutch, and many more languages. The user can use games to improve his/her speaking, reading, listening and writing. Many users have improved their vocabulary by using this app.



Health

أسعفني

The Saudi Red Crescent Authority app allows anyone to communicate with the Red Crescent during emergencies, which results in a faster response due to increased location accuracy. The app has more than 10,000 downloads, and 4.3 star rating.

Some of its features include: integrated maps with activated GPS, sends SMS to Red Crescent and to specified family members in case of an emergency, provides special features for handicapped people in case of an emergency, shares your blood type, allergies, and current medications you use with Red Crescent when you contact them, sends an encrypted S.O.S. message through Morse Code using the smartphone light, and light flashes and alarm sounds to alert people to provide you help until Red Crescent arrive.



Health

Sleep Cycle

Getting a good night's sleep can make all the difference in maintaining your energy levels throughout the day and staying healthy in the long run. Sleep Cycle analyzes your sleep based on your movement and wakes you up at the lightest sleep phase, which makes you feel more energized and relaxed than waking up to a jarring alarm clock. The app has over a 1 million downloads and 4.4 rating.

Features: Detailed sleep statistics, customized wake up windows, trackers that show how the weather and your diet affect your sleep.



Lifestyle

Pricena Shopping Comparison

Pricena is a shopping comparison app that gives you accurate and up-to-date price information of thousands of products as well as delivery and shipping information for all stores in KSA, UAE, Kuwait, Egypt, and more. When you find the best deal, the app redirects you to the store's page where you can buy from them directly. The app also provides an option to find any product using the built-in barcode scanner tool. The app is rated 4.6 and has more than 100,000 downloads.

Some of the popular stores listed on the app include:

- Souq.
- Wadi.
- Jumbo.
- Axiom Telecom.
- Jarir.
- Extra.
- Jumia.
- Xcite.
- Namshi.
- Amazon.
- Ebay.



Compass

by HALA ALHASHMI

When I was working as a dialogue facilitator in university, we read a book called,

“*The Four Agreements*” by Don Ruiz.

Ruiz then came out with a second book, “The Fifth Agreement”.

I’ll be using Ruiz’s five main principles as my guideline. I titled this piece “Compass” because I use these agreements, along with others that I have customized for myself, as my own personal compass. Both in the workplace and in your personal lives, I strongly believe that having a compass of your own is not only useful but also necessary.

1) Be Impeccable With Your Word

“*Speak with integrity. Say only what you mean. Avoid using the word to speak against yourself or to gossip about others. Use the power of your word in the direction of truth and love.*”

How often do you say things you don’t mean, refrain from saying what you really want to say or catch yourself using someone else’s words? Speaking is an art, and mastering it requires focus and practice.

We say things we don’t mean and agree with things we don’t really agree with. And we do it often and subconsciously. Why? Because, sometimes, it’s easier to agree with your surroundings than to speak an opinion that stands out. However, we can be fully honest while still respecting those with different ideologies and opinions.

Whether it’s with your colleagues, family or friends, it’s important to say only what you mean. Otherwise, you will lose your integrity. And a person without integrity is hard to trust or form close relations with.



2) Don’t Take Anything Personally

“*Nothing others do is because of you. What others say and do is a projection of their own reality, their own dream. When you are immune to the opinions and actions of others, you won’t be the victim of needless suffering.*”

We place our happiness in the hands of others because we make the mistake of thinking that they know us better than we know ourselves. They live with us and work with us. They look at us more than we look at ourselves. But that doesn’t mean that they have insight into our lives. The moment you allow others to affect how you feel about yourself, you’re giving up control over your life. The things people do are reflections of what they’re going through. The things people say are reflections of what they have already gone through. Just because it’s directed at you does not mean that it’s actually about you.

3) Don’t Make Assumptions

“*Find the courage to ask questions and to express what you really want. Communicate with others as clearly as you can to avoid misunderstandings, sadness, and drama. With just this one agreement, you can completely transform your life.*”

You don’t know the battles people are facing. Give people the benefit of the doubt. Do this for your peace of mind, not theirs. We often believe that giving people the benefit of the doubt helps them, when, in fact, it actually helps us.

Most of the time, things are not as big as we make them out to be. And a lot of the time, things have much simpler explanations than the ones we come up with when we start making assumptions.



When something happens, rather than make assumptions, actually go out and seek the answer. If a situation is confusing you, take action! Do whatever you need to do, but do not sit there for hours coming up with assumptions that may or may not be true.

4) Always Do Your Best

“*Your best is going to change from moment to moment; it will be different when you are tired as opposed to well rested. Under any circumstance, simply do your best, and you will avoid self-judgment, self-abuse and regret.*”

Sometimes, life “fails” us. We try and we put in a 110%, but what we get is less than our desired results. However, the most reassuring feeling in the world is knowing that you really did try your best.

When you choose to do your best, there’s still two different ways of looking at things. 1) “I put everything into this and still failed... I give up”. 2) “I know I did my best, there’s not much more I could’ve done. Hopefully, it’ll pay off next time”.

You don’t always have the final say in how events in your life turn out, but you always have a say in how you choose to deal with them. Choose wisely.

5) Be Skeptical But Learn To Listen

“*Don’t believe yourself or anybody else. Use the power of doubt to question everything you hear: Is it really the truth? Listen to the intent behind the words, and you will understand the real message.*”

Like speaking, listening is an art, too. Active listening has been a hot topic for the past few years, especially in the areas of leadership and development. The concept of “Empathic Listening” is gaining popularity, and it is indeed an important skill.

How can you both listen carefully while maintaining a level of constructive skepticism? Closely and intently listen to people’s words, word by word. No mental notes, responses or rebuttals.

At the same time, read body language, hear what’s in between the lines and sense vibes. Most importantly, do all of these things while still leaving room to be proven wrong. Empathic listening allows you to understand others in a way you wouldn’t if you were just hearing them. A lot of this can be summed into 3 words: integrity, honesty and self-awareness. Make those principles second nature. Self-awareness is key. We spend so much time trying to learn about the world that we forget to learn about ourselves. Dedicate most of your energy into learning about your core values. They will guide you and keep you grounded.

Create a set of “agreements” that you make with yourself – your very own compass. Things that you hold dear to your heart, mind and soul.

What does your compass look like?

How Volunteering with SPE-KSA cultivated My Career within the Industry

Interview with AMMAR SIDDIQUI



1) What got you interested in volunteering?

During my undergraduate studies, I was interested in searching for ways to have a positive impact on the community through various initiatives and societies. Founding the Saudi Student Club at Louisiana State University gave me the opportunity to help fellow students and newcomers adapt to their new environment and culture. It was an honor serving my country through volunteering by providing help, assistance, and furthering understanding between the two nations.

2) How did that interest evolve post graduating from college?

After starting my professional career at Saudi Aramco, I was keen on joining a society, which would enable me to engage and network with industry experts and pioneers, and add value to its members.

My understanding of volunteerism evolved and grew ever since I joined the Society of Petroleum Engineers - Saudi Arabia Section back in 2014; it helped me realize the effect it had on my personal and professional

development. Volunteering helped

me engage in critical thinking, enhance my technical knowledge and soft skills, and build on my connections and networks within the industry.

3) How would you describe your experience so far with SPE-KSA?

This has truly been an amazing and rewarding journey. I started off as a team member and was nominated as Vice-Chair of the Young Professional Committee along with being part of the Technical Programs Committee as one of the team leaders for the Technical Dinner Meetings. This experience has effectively expanded my professional and personal networks, allowed me to be involved in various technical and non-technical committees and events, and enhanced my interpersonal skills. Volunteering with SPE-KSA so far has nurtured my career within the industry and allowed me to serve my society and country through this rewarding and fulfilling experience.

4) Can you elaborate on one or two specific skills that you gained during your time with SPE-KSA?

One of the interpersonal skills that I significantly developed during my time with SPE-KSA is public speaking. I have built my confidence in public speaking, presenting, and hosting events in front of massive crowds in events and activities organized by the society. SPE-KSA has given me chances and allowed me to embark on several opportunities in presenting before ministers, senior management and industry leaders.

5) How do you cope with all these added responsibilities and items to your daily to-do lists?

I have been able to increase productivity during work and daily activities through better time management and allocation. The eagerness to complete daily tasks and responsibilities has pushed me to work smarter, not harder; we cannot create time, but we can most definitely make better use of it by managing it properly.

6) What role does volunteering play in our society?

Volunteerism is proving to be a significant and current interest to our nation. Saudi Vision 2030 is built around three themes: a vibrant society, a thriving economy and an ambitious nation. The third objective includes rallying 1 million volunteers per year (compared to 11,000 today). Volunteering helps us embrace different cultures, backgrounds and experiences, which ultimately builds

stronger societies. So, whatever purpose you choose to volunteer for, it would definitely leave an impact on others.

7) How important is spreading awareness about social responsibility and volunteering?

Volunteering is not restricted to a certain time, society or place. We are all obliged to contribute to our communities and be catalysts of change. Giving back has many forms and ways to be displayed as an act of helping others and leaving a positive impact on the community. United Nations Secretary-General Ban Ki-moon said, "Volunteerism is a two-way street. Even as volunteers help generate positive change for others, their own lives are often transformed by the act of volunteering itself." As a volunteer and a Saudi citizen, it brings me great pride to witness the increased number of Saudi volunteers each year in both public and private sectors. Young men and women are more involved and socially responsible in carrying-out events/activities at the highest standards. This increased involvement is due to the care and attention of the Kingdom's leaders, a more socially aware society, and recognition by the private sector. Including the vast majority of the population in this conversation and awareness will help the development of this country in many levels as we work on achieving Vision 2030.



Breaking the Norms for Bahraini Females in Construction

DANA ALQASIMI,
*Tatweer Petroleum - Engineer -
Civil Construction*

There are two types of people, those who try to find solutions towards a successful life and those who try to take the easy way out. When I first started working in Tatweer Petroleum as a construction engineer, some of the people around me thought it was not a suitable environment for a lady to be working outdoors in the middle of the desert. Their comments and personal opinions did not deter me, they were the push I used to excel and prove them wrong.

I started working as a trainee in the summer of 2013, where I had to go through a rotational training program in maintenance, operations and other departments. These were mostly male dominated departments. At no time did I feel out of place or uncomfortable, contrary to people's expectations. After my training, I started working in the Facilities Construction Department as a civil engineer. I was the first and only female engineer in the department, which was a bit unusual for some. A few employees from other departments assumed that I was the administrative assistant of the department. I

expected those reactions, as the job required a lot of field work, dealing with contractors, and working in high temperatures for prolonged periods of time. I took the challenge and proved that women do not have to follow society's expectations when it comes to their field of work.

Nothing made me regret taking this job. Not the high summer temperatures and humidity, the dust-filled windy days, nor the long site meetings under the sun. I work with a team of men who go through the same conditions, it has nothing to do with gender, as it equally affects us all as human beings. If you are passionate enough about your job, you will push through the difficulties and focus on the big picture and the end result.

I believe that people attract what they perceive of themselves. I could not accept society's expectations of where I should work, because I know what is best for me and what I am capable of. I believe I can do my job

well and I set out to prove that to myself and society. I am grateful to have the support of my colleagues at Tatweer Petroleum who never treated me differently from the rest of the team members. Diversity is healthy for any organization, being a women within an all-male department added to our team diversity and was used as an opportunity by the department leaders. However, I am always treated as a local young engineer. I encourage women who have an interest in working in male-dominated jobs to pursue their dreams. Do not doubt your capabilities, take every obstacle and turn it to an opportunity, accept feedback and just be yourself. It is only you who can set what is best for you and your career, do not listen to the white noise. I am still the only female in the section and I have always had the same support that the others receive, not a day has passed where I felt different or any less. I have gained a lot of knowledge and experience from our diverse team.





Petroly Project

FAHAD ALFARESI

Petroly Project is a national initiative in the State of Kuwait that started in January 2017 by Fahad Al-Faresi, a senior petroleum engineer at Kuwait Oil Company. He saw a need to educate the public about the petroleum industry through the eyes of petroleum engineers. The need to have such knowledge is of great importance especially in the Gulf Countries, which rely on the petroleum industry massively as the main source of wealth and income. This reliance could affect everyone living in these countries because of the fluctuation in the market concerning the oil price.

Al-Faresi published three books about petroleum engineering and the industry both in Arabic and English, with the latest being “Introduction to Petroleum Engineering” directed to university students and interested readers all over the world. Soon after, he launched a website www.petroly.org to deliver this knowledge to the public through having educational

videos and discussion boards to help anyone interested in this industry to learn more and educate themselves.

All of these products encouraged Al-Faresi to start a national initiative to educate students and the public about the industry that shapes their country’s economy. To achieve that, he assembled a team of fresh graduate petroleum engineers residing in Kuwait, and trained them to deliver such knowledge in a professional and exciting manner. He deliberately chose these young professionals because of their academic knowledge about petroleum engineering, which allows them to engage in volunteering work until they start their professional careers, in addition to some financial rewards.

The team’s main goal was to create scientific content enriched by hands-on experiments for the students/public to do. These experiments were all created in-house to deliver knowledge on the topics explained during the training sessions. Showing the full life cycle



of the upstream petroleum industry, these topics included: facts and history of the petroleum industry, petroleum geology and exploration, drilling operations, production techniques, and reservoir engineering.

These sessions became quite popular in Kuwait, with schools requesting to have field trips to deliver such knowledge to their students, in addition to multiple media coverages and several awards presented to the Petroly Team by some sectors of government in the State of Kuwait.

After the success of this initiative, the Petroly Founder was keen to transfer this initiative to nearby countries especially to KSA for its similar attributes with Kuwait in regards to culture and economy. The main vision is to have such educational initiatives enrich the students and public mind to grow our countries through bigger successes in the future.

