

Kuwait Section

Dr. Abdullah Alqallaf

Section Vitality

The IEEE Kuwait Section Board Members Election for the term 2024-2026 has been successfully concluded. The election committee chair, Dr. Abbas Fairouz, announced the results via IEEE vTools eNotice. The newly elected board comprises Dr. Abdullah Alqallaf as the Section Chair, Dr. Mansour Jaragh as the Vice Chair, Dr. Ali Alfayly as the Treasurer, and Miss Rash Shalabi as the Secretary. Additionally, Hanan Alkandari has taken on the role of Student Activities Officer. These appointments mark a significant step forward in the leadership and development of the IEEE Kuwait Section.

1. **IEEE KUWAIT SECTION BOARD MEETING NO. 1:** Kuwait Section, held on 17 Jan 2024, Location: Shedadiya - Kuwait University, Kuwait, Al-Farwaniyah, Kuwait. Number of IEEE Member Attendees: 8.
2. **IEEE KUWAIT SECTION BOARD MEETING NO. 2:** Kuwait Section, held on 7 Feb 2024, Location: The Hub Art Gallery, Kuwait City, Kuwait. Number of IEEE Member Attendees: 18.
3. **IEEE KUWAIT SECTION BOARD MEETING NO. 3:** Kuwait Section, held on 28 Mar 2024, Location: P.O. Box: 5969 Safat – 13060 Kuwait, Kuwait, Al-Kuwayt, Kuwait.
4. **IEEE KUWAIT SECTION BOARD MEETING NO. 4:** Kuwait Section, held on 26 Apr 2024, Location: Jumeirah Hotel Resort, Kuwait, Hawalli, Kuwait. Number of IEEE Member Attendees: 8.
5. **IEEE KUWAIT SECTION BOARD MEETING NO. 5:** Kuwait Section, held on 28 May 2024, Location: Jumeirah Hotel Resort, Kuwait, Hawalli, Kuwait.
6. **IEEE KUWAIT SECTION BOARD MEETING NO. 6:** Kuwait Section, held on 04 Jun 2024, Location: GUST University, Kuwait, Hawalli, Kuwait.
7. **IEEE KUWAIT SECTION BOARD MEETING NO. 7:** Kuwait Section, held on 14 Jul 2024, Location: GUST University, Kuwait, Hawalli, Kuwait.
8. **IEEE KUWAIT SECTION BOARD MEETING NO. 8:** Kuwait Section, held on 18 Aug 2024, Location: P.O. Box: 5969 Safat – 13060 Kuwait, Kuwait, Al-Kuwayt, Kuwait. Number of IEEE Member Attendees: 6.
9. **IEEE KUWAIT SECTION BOARD MEETING NO. 9:** Kuwait Section, held on 11 Sep 2024, Location: Shedadiya - Kuwait University, Kuwait, Al-Farwaniyah, Kuwait. Number of IEEE Member Attendees: 8.

Kuwait section had received the 2024 IEEE Membership Outstanding Recruitment Performance.

Congratulations on receiving your 2024 IEEE Membership Outstanding Recruitment Performance credential from IEEE!



Volunteers at IEEE Kuwait Section surpassed goals for new member recruitment for the 2024 membership year.

Issued on September 10, 2024. Dr. Abdullah K Alqallaf • IEEE Kuwait Section Chair. 2024 IEEE Membership Outstanding Recruitment Performance

These meetings cover various administrative functions and planning sessions of the Kuwait Section

List of the activities carried out to retain and recruit members and the results obtained are as follows.

The section technical support: The section provides technical and financial support for the IEEE entities in Kuwait to participate in the activities locally and regionally. The IEEE Kuwait section provides a technical co-sponsorship in the year 2024/2025 for the following conferences:

Students

List of Student Branches (SB) in your Section, the newly formed or dissolved SBs, if any since the last meeting reporting. List the student meetings held and Section activities addressed to Students and Young Professionals.

Affinity Groups

List of Affinity Groups (YP, LM, WiE, SIGHT, etc.), list of SB AGs, newly formed or dissolved AGs/SB AGs, if any since the last meeting reporting. List the activities intended to support affinity groups.

Chapters

Series of Distinguished Lecturers

Series of Distinguished Lecturers provided IEEE Communications Society and hosted by the IEEE Kuwait section (R80057) and ComSoc Kuwait chapter (CH08797) - Kuwait Section Jt. Chapter, C16/COM19/CAS04, in partnership with the Kuwait College of Science and Technology (KCST).

1- Professor Ian Akyildiz, a global figure on wireless communications and 6G technologies. The lecture had been hosted by the IEEE Kuwait section (R80057) and ComSoc Kuwait chapter (CH08797) - Kuwait Section Jt. Chapter, C16/COM19/CAS04 on May 28, 2024.

The venue whereby the auditorium of the Kuwait College of Science and Technology (KCST).

Prof. Akyildiz's presentation, titled "Unlocking the Future: Exploring Multi-Sensory Immersive and AI in the 6G Enabled Metaverse," was nothing short of enlightening. He delved into the transformative capabilities of 6G technologies, painting a vivid picture of the future. Among the key technologies he discussed were Terahertz Band Communication, Reconfigurable Intelligent Surfaces, and the Internet of Nano Things, all of which are set to revolutionize the way we connect and communicate.



From the left: Dr. Ali Afalyly, Kuwait Chapter Treasurer; Dr. Abdullah Alqallaf, ComSoc Kuwait Chapter Chair; Prof. Ian Akyildiz; and Prof. Khaled AlBaqeen, President of the College.



Applications in the Metaverse

One of the most captivating segments of the lecture focused on the potential applications of 6G technologies in the Metaverse. Imagine holographic-type communication and multi-sensory media becoming a part of our daily lives—this is

the future that 6G promises. Prof. Akyildiz also touched upon the significant research challenges that lie ahead, particularly in the realms of high-precision networks and semantic communication.

Networking Brunch and Future Collaborations

The event concluded with a heartfelt expression of gratitude to Prof. Akyildiz, followed by group photos that captured the spirit of collaboration and innovation. A networking brunch provided the perfect opportunity for attendees to discuss the day's insights and forge new connections.

This landmark event symbolized a significant achievement in the ongoing partnership between IEEE ComSoc and KCST, setting the stage for future collaborations in wireless communication and AI.

As the world stands on the brink of a new era in digital communications, events like these not only inspire but also remind us of the boundless possibilities that lie ahead.

Stay tuned for more exciting developments from IEEE ComSoc and KCST!

2-Professor Sudhir Dixit will be hosted on November 13, 2024 by the IEEE Kuwait section (R80057) and ComSoc Kuwait chapter (CH08797) - Kuwait Section Jt. Chapter, C16/COM19/CAS04.

The venue whereby the auditorium of the Kuwait College of Science and Technology (KCST).

Prof. Dixit is Life Fellow IEEE, IET, IETE, WG C and 6G Working Group Chair, Board Member and Vice Chair Americas Wireless World Research Forum, (www.wwrforum.org). He is a Distinguished Lecturer, IEEE Communications Society

VAJRA Adjunct Professor, Indian Institute of Science, Industry Outreach Board Member & CTU WG Co-Chair, IEEE Future Networks (<https://futurenetworks.ieee.org/>). He is Co-Founder, Basic Internet Foundation USA

(www.basicinternet.org).

Student Branch Chapters

Kuwait University, C16 (SBC94941)





Event	Dates	Attendees	Location
Grounded Training Program	21-25/1/2024	20-25	1-AIDoha Power Station 2-National Electricity Control Centre 3- Electrical transmission station 4-Distribution Network 5- AIAhleia Manufactory
Beach Cleaning	9/3/2024	19	Al-Blajat
Shagaya Renewable Trip	29/2/2024	33	Shagaya
Arduino Fundamentals	19-24/3/2024	27	KU college of Engineering
leadership and management workshop	7/4/2024	16	Teams
EE department diwaniya	28/2/2024	10	KU college of Engineering
Organizing the 45 th and 46 th Engineering EXPO	-	-	KU college of Engineering
Advanced Arduino Workshop	24/6-17/7	23	KU college of Engineering
Age of glass Exhibition	20-30/7/2024	-	KU college of Engineering
Scientific Clubs Contest in KU	-	-	KU college of Engineering



Industry

As for the industry involvements, the IEEE Kuwait Section had held several fruitful meetings with the public authority of industry (PAI) and the Kuwait society of Engineers (KSE). The discussions were aiming to demonstrate the needs and challenges facing the young professionals and engineers and to bridge the gap between the new graduates and the industrial sector as well as to provide the link with the industry in Kuwait.

Diversity, Equity and Inclusion

The IEEE Kuwait Section is deeply committed to fostering diversity and inclusion within its community, aligning with the IEEE's global Diversity, Equity, and Inclusion (DEI) statement [link](#). Our Section actively seeks to promote a diverse and

inclusive environment that recognizes and values the contributions of all its members, irrespective of gender, age, religion, geographical location, employment status, or any other dimension of diversity.

Diversity Metrics: Although specific metrics on gender, age, religion, geographical distribution, and employment are continuously monitored, our Section places a particular emphasis on gender diversity. We strive to ensure balanced representation in all our activities, board meetings, and leadership positions.

Empowering Women: One of the key initiatives aimed at empowering women within the IEEE Kuwait Section is the support and promotion of the IEEE Women in Engineering (WIE) Affinity Group. This group is dedicated to promoting women engineers and scientists, and inspiring girls around the world to follow their academic interests to a career in engineering. Our efforts include organizing events, workshops, and seminars that are specifically designed to address the challenges faced by women in the field of engineering and technology. These initiatives are aimed at providing mentorship, professional development, and networking opportunities to women engineers in Kuwait.

Activities since the last report

Highlight some of the activities in your Section, with special attention to the things that work well, and things that don't, so that your acquired know-how can be used by other Sections.

Planned activities

The following are some of the future activities and initiatives planned by the Section and other affinity groups.

- 1- AI hackthon
- 2- Knowledge-cafe meetings for networking and sharing experiences. (Monthly)

How Region 8 can be of help to your Section, members, and activities

-We recommend that region 8 summarizes all the sections reports and highlight the positive aspects and the points that are worth pursuing and present this summary in the upcoming region 8 meeting. We believe that other sections might benefit from the experience of other sections.

-Highlights on the distinguished sections and their successful stories to be imitative by the other sections in R8 or even other regions.

-The engagement of the R8 sections in the semi-annual meetings with hosted sections to enrich their experience.

-Having simple and clear rules for the awards nominations and the involvements of the Sections in the R8 subcommittees.