

Section Name: Kazakhstan Subsection

Reporting Officer Name: Ikechi Ukaegbu

Section Vitality

Last Election Date: December 2021

Next Election Date: December 2023

The subsection is still in its infancy and we (the founding leadership) are doing our best to develop the subsection. For most of us, it is a “training on job” situation, and therefore, we currently do not have the practice of the Vice-Chair becoming the next Section/Subsection chair.

We had 4 ExCom meetings on January 16, February 13, April 5, and May 11, 2023. Highlights of the meetings are provided below:

- **Meeting on January 16, 2023:** Discussions about the establishment of IEEE KBTU Student Branch (SB) in Almaty. IEEE NU SB representative presented updates on the activities of their branch including elections, recruitment exercises, and events conducted.
- **Meeting on February 13, 2023:** Discussions about request, sponsorship and support for ICTMCS Conference in Uzbekistan; Instituting and strengthening of IEEE KZ Subsection by registering it in KZ and opening account to support subsection activities; status of IEEE societies and affinity groups in the subsection.
- **Meeting on April 5, 2023:** Introduced new members, discussed updates of the R8 meeting in Bucharest; talked about increasing student membership with the reduced fees; planned for IEEE webinar which was held on April 7, initiated student branch podcast (which should be professional and cost effective). Discussed strategy for recruiting students in AITU SB by their representative. Received updates from WiE and YP AF chairs.
- **Meeting on May 11, 2023:** We had discussions with IEEE KBTU SB and about the progress of their student branch. NU SB representatives offered tips and lessons for effecting running of IEEE SBs. We also discussed about conference sponsorships.

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.

IEEE Kazakh-British Technical University Student Branch (**IEEE KBTU-SB**) (Formed, 2023)

IEEE Astana IT University Student Branch (**IEEE AITU-SB**) (Formed, 2023)

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.

IEEE Women in Engineering (**IEEE WiE**) – Formed, 2023

IEEE Young Professionals (**IEEE YP**) – Formed, 2023

Chapters

List of Chapters and SB Chapters in your Section, the newly formed or dissolved Chapters, if any since the last meeting reporting. Indicate how many have reported on time and received rebate. Highlight some of the activities.

- IEEE Nazarbayev University Signal Processing Society Student Chapter (**IEEE NU SPS-SC**) – Formed, 2023
- IEEE Women in Engineering Nazarbayev University Chapter (**IEEE NU-WiE**) – Formed, 2023
- IEEE Sensor Society – Formed, 2023

Industry

The subsection planned a number of field trips to connect the local industry with the IEEE activity as well as to the Universities. IEEE Nazarbayev University has a strict collaboration with the “Nazarbayev University office for Industry Engagement” in order to assess and understand how and in which capacity it is possible to access and attract collaboration from the local industry. It is our plan to enforce a similar strategy exploiting the network local university directly connected with IEEE.

Diversity, Equity and Inclusion

The subsection strictly believes and promotes “no discrimination policy” and strongly encourages “underrepresented” communities. In this regard, we have taken initiatives to invite and encourage “women” (being underrepresented in STEM fields) to play an active, in fact leading role, in our activities. For example, the core executive committee comprises two female colleagues, the IEEE NU-SB is led by a female student, and the IEEE NU-WiE Affinity Group has been established.

Activities since the last report

- Normalization of subsection activities through targeted inclusion of potential members. This has resulted to a slight increase in membership and has also increased awareness and interest
- Invited professors’ lectures/seminars have been organized at least once in 2 months
- Facilitated and supported the creation of IEEE Kazakh-British University Student Branch, IEEE Astana IT University Student Branch
- Technically co-sponsored about 2 international conferences in Kazakhstan and Uzbekistan:
 - The 17th International Conference on Electronics Computer and Computation (ICECCO 2023), Kaskelen, Kazakhstan,
 - International conference on technological innovation in Management and Computational Sciences 2023, Tashkent, Uzbekistan
- Formed joint chapter of societies comprising of the following: IEEE Sensors Council, IEEE Electron Devices Society, IEEE Computer Society, IEEE Signal Processing Society, IEEE Power & Energy Society, IEEE Photonics Society, IEEE Industrial Electronics Society, IEEE Communications Society, and IEEE Robotics and Automation Society, IEEE Electron Packaging Society, IEEE Circuits and Systems Society, IEEE Antenna Propagation society, IEEE Microwave and Theory and technology Society.

Planned activities

- Launching our website
- Facilitate and create more student branches in other universities in Kazakhstan and Uzbekistan
- Kazakhstan Universities Joint Workshop
- Hosting and organizing an IEEE International Conference on Recent Advances in Communication, Computing Systems and Emerging Technologies
- Formation of affinity group for entrepreneurship
- Support the activities of the IEEE WiE affinity group
- Formation of new student chapters of the newly formed joint chapter of societies
- Award ceremony
- Election of new officers

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

- Financial support for organizing seminars, workshops, conferences. As we plan to use these activities to attract more membership, we would require some financial support to organize them. We need specific pointers to obtaining financial support, documents needed, and application procedures.
- Support for society chapters

Any other issues of interest

N/A