Professional and Educational Activities Committee   **Andrejs Romanovs**

PEAC's mission is to coordinate educational activities programs in Region 8 including pre-university, university-level and continuing education, and to promote the public awareness of IEEE educational programs and resources for educators, engineering professionals, parents, students, IEEE volunteers and members, and the public. To serve as contact point for Region 8 Educational Activities and Professional Activities officers and members.

To encourage and support local IEEE organizational units to organize professional and educational seminars and workshops in Region 8 and to train local tutors for these activities. To promote the development of non-technical skills programs in order to meet the ever-changing landscape of modern education, as well as the changing needs of engineering students and professionals.

Goals

1. Encourage and advise the appointment of local PEA officers and Educational Activities Committees, and the establishment of PEA activities in all Region 8 Sections.

> KPI: Number of PEA officers in Sections

2. Serve as contact point for Region 8 Educational Activities and Professional Activities officers and members in Sections.

> KPI: number of requested/resolved messages

3. Promote educational activities and inform IEEE volunteers and individual members about PA products and services, and their importance and value. Support and motivate to create PE events locally and cross-sectionally.

> KPI: number of eNotice/webcast delivered, number of unique clicks on links in eNotes/emails, number of events organized, number of participants

4. Support IEEE Educational Activities Programs by promoting, and whenever possible funding them.

4.1 Continuing Professional Education Programs, such as IEEE Learning Network (ILN), IEEE eLearning Library, IEEE Credentialing Program, IEEE Innovation at Work

> KPI: number of participants, distribution by countries and topics, number of taken courses

4.2 University Education Programs, such as EPICS (Engineering Projects in Community Service), IEEE-Eta Kappa Nu, Teaching Excellence Hub, accreditation with ABET.

> KPI: number of participants, distribution by countries, number of organized STEM workshops, number of project applicants, number of winners

4.3 Pre-University Education Programs, such as IEEE TryEngineering Month, IEEE TryEngineering Summer Institute, TryEngineering Together, STEM Grants.

> KPI: number of participants from, distribution by countries, number of grant applicants, number of winners

5. Promote and support IEEE global and Region 8 local programs, such as EAB Awards, IEEE Education Week, IEEE Region 8 Robot Championship, Region 8 Acceleration Program, Local Language Program, etc.

> KPI: number of applications, number of participants, distribution by countries, number of winners, number of sponsors

6. Recruit speakers to support development of soft skills via PEA Speakers Program. Recruit expert, train and educate local presenters/trainers for PA topics in Region 8.

> KPI: number of speakers, number of training sessions

7. Establish working cooperation with Region 8 Standing Committees (Action for Industry, Entrepreneurship) and AdHoc Committees (Continu>Ed, Educational Infrastructures, Engineering Projects in Community Service), collaborate with Educational Activities Board (EAB) and IEEE–USA on PA products and services to enhance members services and employment prospects.

> KPI: number of joint events

Progress since the last report

Four PEAC Meeting has been organized during the reporting period.

The appointment of local PEA officers and Educational Activities Committees in Region 8 Sections.

For both Educational and Professional Activities Chairs in Sections of Region 8 we have slight decrease for the reporting period – as of July 2023 number of Educational Activities Chairs is 31 (32 in January 2023), while number of Professional Activities Chairs is 26 (29 in January 2023).

Promotion of educational and professional activities.

(EAB/Committee level) Informing about IEEE PEA – talk at the RTU Academic Conference (April 4th)
(Pre-University level) Informing about STEM Champion Applications (April 7th)
(University level) Informing about IEEE Teaching Excellence Hub (May 14th)
(Continuing Education level) Informing about IEEE Learning Network (June 15th)
(EAB/Committee level) Informing about IEEE PEA – talk at the VILNIUS TECH ATHENA Doctoral Summer School (July 21st)
(EAB/Committee level) Informing about IEEE PEA – talk at the 2023 Africa Students and Young Professionals Congress (July 27th)

Support Continuing Professional Education Program

Analysis made on IEEE Learning Network services used by Region 8 members shows constant decrease of interest, in Q2 2023 44 courses were used, while in Q1 2023 number is 36 (in comparison with 2022 Q1 – 45, Q2 - 84).

Promotion and support of IEEE global and Region 8 local programs.

Informing about IEEE Educational Activities Board Award Nominations (April)
2023 Local Language Programs call for ambassadors (August)
2023 Acceleration Programs call for applications (July)
Call for STEM activities linked to Robotic Championship 2024 (July)

Support development of soft skills via PEA Speakers Program.

Call for speakers' application (August)

Cooperation with other IEEE Organizational Units.

Joint PEA workshop at ASYPC2023 is organized (July 27th) in cooperation with Continu>ED project

Joint research on educational opportunities and infrastructures in Region 8 is started (July) in cooperation with R8 Ad Hoc Committee on Educational Infrastructures

PEA Programs running & planning

Local Language Program – on-going analysis of 2022 program' results, call for 2023 Local Language Program is under development, to be published in 2023 Q3.

Acceleration Program – 2022 program is finished, activities are organized in the 2023 Spring Semester; results are reported in time and published/approved (April 3rd); analysis of last year results is done, program to be continued (June 15th). Call for 2023 Acceleration Program is under development, to be published in 2023 Q3.

PEA Speakers Program – on-going communication with prospective speakers, to be selected and approved in 2023 Q4.

STEM events linked to the Robot Championship organization – call for STEM events organization is under development, to be published in 2023 Q3.