

Professional and Educational Operations Manual

R8M-6.1.10 REGION 8 PROFESSIONAL AND EDUCATIONAL ACTIVITIES COMMITTEE

Professional Activities (PA) comprises ~~non-technical~~ skills engineers need to professionals on technical skills needed to achieve a successful career in today's competitive environment. Educational Activities (EA) implements programs specifically intended to serve the continuous development IEEE members through their career engage in STEM activities and outreach to the general public. ~~the educational and professional of the servIEEE members, the engineering and scientific communities, and the general public.~~

R8M-6.1.10.1 MISSION

To develop ~~non-technical~~ skills programs to programs (such as "Leadership Skills Training" or "Project Management") to provide additional value to members, in particular to young engineers and students. To coordinate educational activities programs in Region 8, including pre-university education, university-level education, post-university (continuing) education, and the promotion of public awareness of engineering, technology, and other topics within IEEE's Field of Interest.

To recruit volunteers to implement professional and educational seminars and workshops in R8 and to train local Tutors (Trainers) for these activities.

R8M-6.1.10.2 COMPOSITION

The R8 Professional and Educational Activities Committee is appointed by the Vice Chair - Technical Activities from recommendations by the Region 8 OpCom and the Region 8 N&A Committee.

The Chair is a non-voting member of the R8 Committee (unless concurrently holding a voting position in the R8 Committee) and serves as a voting member of the IEEE Educational Activities Board (EAB) Section Education Outreach Committee.

The professional and educational committee shall consist of the following:

- Chair
- Past Chair
- Three (3) Members
- Up to three (3) Corresponding Member

R8M-6.1.10.3 STATEMENT OF AUTHORITY

1. Encourage, and advise about when necessary, the appointment of local PA officers and the establishment of PA activities in all R8 Sections.
2. Provide PA products and services to individual IEEE members and groups, in particular to young engineers (YP) and students.
3. Recruit expert presenters of PA topics in R8.
4. Train and educate local trainers for PA topics in R8.
5. Plan and implement PA seminars and workshops in R8.
6. Collaborate with IEEE–USA on PA products and services to enhance members' career and employment prospects.

7. Make Section Chairs aware of IEEE's PA products and their importance for members.
8. Develop or encourage the formation of Educational Activities Committees in Region 8 Sections.
9. Develop educational programs to encourage the technological literacy of pre-university students.
10. Promote educational activities at the member level and communicate to the Educational Activities Board (EAB) the educational concerns of the membership.
11. Serve as contact point for Educational Activities and Professional Activities Committee Chairs in Sections of Region 8.
12. Support TryEngineering.org and its programs by promoting, and whenever possible funding them. Examples of such programs are STEM ambassadors, STEM Grants, Pre-University Volunteer STEM Portal Programs like TryEngineering Month, and more.
13. Support a local section in organising the IEEE R8 Robot Championships through workshops and by providing trainers for STEM activities

R8M-6.1.10.4 MEDIA AND PROMOTIONAL MATERIAL

The logos and other promotional material related to the programs of the R8 Professional and Educational Activities Committee is and should always be available on <https://ieeer8.org/category/technical-activities/professional-and-educational-activities/media-and-promotional-material/>. The public folder containing all the files to be downloaded is managed by the Committee's chair. All the materials are stored in the folder and then linked to the website page.

R8M-6.1.10.5 Resources for programs

The committee will plan various programs that will be organised throughout the year. These programs will be published and shared on various social media platforms and announced during the region 8 meetings. The resources with detailed descriptions of each program are available here: <https://ieeer8.org/technical-activities/professional-and-educational-activities/programs-professional-and-educational-activities/peasc-programs/>