IEEE R10 EA New Innovative Challenge

Submission Deadline: April 17th, 2020
Notification of Decision: May 15th, 2020

(Submission to L.Fung@murdoch.edu.au)

IEEE Region 10 Educational Activities Committee (EAC) invites members and groups to submit proposals with creative and new innovative programs which will provide values to the IEEE community, in alignment with MGA/EAB goals and 2020-2025 IEEE Strategic focus on Life-Long-Learning. The two categories of targeted groups are 1) Pre-University Education and 2) University Education.

Objectives:

- To encourage creative and new innovative programs which provide values to IEEE members and in alignment with IEEE strategic goals, in particular, Life-Long-Learning
- To raise the awareness and profile of IEEE among the community.
- To encourage the exploration and utilisation of resources from IEEE and IEEE Education Activities Board
- To encourage collaboration between IEEE units.

Evaluation Criteria:

- Educational outcomes of the proposed program
- Alignment with IEEE strategic goals
- Scalability and sustainability of the proposal
- Metrics or measurement of success and impact of the proposed program
- Demonstration on the utilisation and promotion of IEEE resources
- Support and collaboration with IEEE Organizational Units (OU)

The winning entries will receive support for their projects as indicated in the followings:

- Winner (Pre-University Education) – USD 500
- Runner-up (Pre-University Education) – USD 300
- Winner (University Education) – USD 500
- Runner-up (University Education) – USD 300
- Commendation Support – USD 150
Terms and Conditions

1. All winning entries are required to submit a final report and submit claims for reimbursement before 27th November 2020.

2. The proposal shall contain the following information:
   - Executive Summary of the program (maximum 300 words)
   - Introduction and description of the activities including anticipated expenses.
   - How does the program align with IEEE goals and effective use of IEEE resources
   - Scalability and sustainability of the program
   - Measurement or assessment of the educational outcomes and impact of the program to the participants and community

3. Submissions:
   a. Not more than be a maximum of Four A4 pages
   b. Font: Times New Roman, size 11

4. Proposal must be endorsed by Section Educational Activities (EA) Chair or Section Chair. In case there is no EA Chair in the Section, R10 EA strongly encourages Section or OU to set up this position.

5. The Section or OU endorser information need to be included together with the proposal.

Essential information:

1) The Objectives of the IEEE Region 10 Educational Activities Committee (EAC) is to implement programs specifically intended to serve and benefit IEEE members in educational pursuits, the engineering and scientific community and the general public in Asia and Pacific Region.

2) The purpose of the IEEE Education Activities Committee is to recommend policies on educational matters and implements programs specifically intended to serve the educational pursuits of IEEE members, the engineering and scientific communities, and the general public. (https://www.ieee.org/education/eab.html)

3) The core purpose of IEEE is to foster technological innovation and excellence for the benefit of humanity. IEEE’s vision is to become essential to the global technical community and to technical professionals everywhere, and be universally recognized for the contributions of technology and of technical professionals in improving global conditions. https://www.ieee.org/about/vision-mission.html?WT.mc_id=lp_ab_mav

4) The IEEE Strategic Plan is a vital part of the ongoing evolution of IEEE. The Plan provides a clear picture of IEEE as an organization, the goals our community is pursuing, and the initiatives that will move IEEE forward in the coming years. https://www.ieee.org/about/ieee-strategic-plan.html

5) IEEE Educational Activities has assembled a variety of resources for pre-university teachers, school counsellors, parents, and students. These resources are intended to provide guidance on locating additional information on engineering and engineering careers. https://www.ieee.org/education/preuniversity/resources.html

6) It should be noted there are a wealth of resources in the IEEE environment serving the spectrum of community and proposers are encouraged to utilise them as much as

7) The proposers are strongly encouraged to implement their programs with or without support from this challenge. They should consider alternate sources of funding and supports from IEEE and other venues. They may also consider submission of their programs for R10 EA Awards and competitions.