2021 IEEE R10 EXCOM Virtual Meeting
Date: 10 January 2021

2021 R10 Professional Activities Committee Plan

Parkash Lohana
2021-2022 R10 PA Committee Chair
Committee Structure

1. **Chair:** Parkash Lohana
2. **Immediate Past Chair:** Dr. Nirmal Nair
3. **Members:** Ms. Tasnim Binte Shawkat, Ms. Ashwin Holla, Mr. Indra Riyanto, Mr. Mian Junaid Manzoor, Mr. Gitansh Anand, Ms. Jennifer Z Giraldo, Ms. Dilrikshi Gamage, GaoYun AN, Alex Fung, Dr. Daniel Eghbal

Objectives

1. Maintain and enhance members’ life long employability and career prospects
2. Enhance the R10 PA process and leadership for professional activities
3. Support R10 version of SmartTech/HardTech & IEEE Future Direction Workshop
4. *Designing events for members interested in reaching out for Government activities & Technical Policy activities

Projects / Tasks

**Project 1:** R10 PAC Challenge: (a1) Invite proposals for initiatives targeted like lifelong learning (Non-Technical), and (a2) R10 Startup competition among students, YP, WIE, and Professional members
(b) Monthly Webinars in collaboration with local public/private HEI

**Project 2:** Encourage R10 Sections for a *PA coordinator and help developing an annual activity calendar

**Project 3:** SmartTech / HardTech or IEEE Future Direction Stand-alone workshop for enhancing R10 members career

**Project 4:** (a) To have at least 1 PA event along with other committee during the annual R10 Flagship Conference
   (b) Workshops in collaboration with local governments/Education department to enhance the significance of PA activities.

* Optional Objective

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**Budget**

- Project 1: USD 3500.00
- Project 2: NIL
- Project 3: USD 2000.00 (This is an optional – matching with selected OUs)
- Project 4: USD 2500.00 (Subject to condition, if travelling required)

**Total Proposed Budget:** USD 8000.00

**Project / Task Measurable**

- **Project 1:** Number of Sections initiated R10 PA events
- **Project 2:** Number of R10 PA Coordinators
- **Project 3:** Quality of the workshop and attendance demography (IEEE, Non-IEEE, Industry)
- **Project 4:** Professional / Industry track during at least one of the four annual R10 Flagship conferences

**Timeline & Metrics**

- **Project 1:** Q1 Announcement, Q2 Decision, Q4 Reporting
- **Project 2:** Q1-Q2, Section Outreach, Report: June 21 Report
- **Project 3:** Identify events in Q1, Reports by Dec 2021
- **Project 4:** During 2021 TENCNON, TENSYMP & HTC
## Mapping of R10 PA Objectives with Projects/Tasks

<table>
<thead>
<tr>
<th>R10 PA Objectives</th>
<th>Project 1</th>
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*Optional
Details of Project 1

R10 PAC Challenge:

(a1) Lifelong Employability & Career Prospects

- Invite the proposals from R10 Sections regarding the selection procedure for the nomination for enrolling in the following soft skill (Non-Technical) courses sponsored by R10

- R10 may support 25 Students, 15 YPs, 10 WIEs for earning the certificates from IEEE Learning Network or Edx in the any of the non-technical courses offered at the lowest prices (Each section may nominate not more than 3 volunteers in total, 1 member in each category, R10 will select based on the evaluation criteria)

- The R10 PA committee finalize the list of the available courses and circulate the same to all R10 OUs
Details of Project 1 (Cont…)

R10 PAC Challenge: (a2) Startup Competition

The Region 10 PA Committee Entrepreneurship Initiative:

1. Invite the nominations from R10 Sections/Councils/Chapters/Affinity Groups regarding the nomination for R10 PA Ambassadors for Entrepreneurship initiative
   - The ambassadors should be able to hold one Entrepreneurship event in Q2 of 2021 under the umbrella of project “Entrepreneurship, Innovation and Local Development”, in collaboration of IEEE R10 relevant Committees.
   - The event may contain:
     - Talks, panel discussions, success stories about tech entrepreneurship
     - Local Pitching Competition
     - Promotion of the local and regional competitions

2. R10 PA Startup initiative – Competition
   - 2021 is focused on the theme “Entrepreneurship, Innovation and Local Development”. The rules for the competition are:
     - Teams of 3-5 IEEE members from student and young professional & WIE category
     - Teams are allowed (and encouraged) to get external sponsors
     - Innovation is aligned with state-of-the art in sustainable engineering with Entrepreneurship and Local Development.
Details of Project 1 (Cont…)

R10 PAC Challenge: (a2) Startup Competition

The Region 10 PA Committee Entrepreneurship Initiative:

1. R10 PA Startup initiative – Competition
   - **Awards**
     - Three Best awards for best host OUs – 500 USD (250.00, 150, and 100.00) will be granted to the local IEEE Organizational Units that host the best local competition and publicly-handed certificate at selected IEEE event.
   - **Best Pitching Teams:**
     - Each participated section finalize three best teams after successful completion of local competition.
     - Best teams will be selected for mentorship phase,
     - Team under the guidance of mentors will approach the relevant sponsor for getting funds and reaching the market successfully
     - Finals will be held at any international event e.g. R10 SYWL Congress
     - THREE Best Teams will be selected for 1st, 2nd, and 3rd place
     - Winning teams will be awarded USD 500.00, 300.00, and 200.00 respectively.

Reference: [https://entrepreneurship.ieee.org/](https://entrepreneurship.ieee.org/)
The Region 10 PA Committee begin monthly webinars (Maximum 9 webinars in one year) on the different non-technical skills for students, Young Professionals, Women In Engineering, and senior professionals:

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<tr>
<th>S.No</th>
<th>Month</th>
<th>Title</th>
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<tr>
<td>1</td>
<td>March</td>
<td>Communication Skills &amp; Teamwork</td>
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<td>April</td>
<td>Creative Thinking</td>
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<td>May</td>
<td>Converting Challenges to Opportunities</td>
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<td>June</td>
<td>Design Thinking</td>
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<td>5</td>
<td>July</td>
<td>Writing Professional Email and Memos</td>
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<td>6</td>
<td>August</td>
<td>Financial Management for Engineers</td>
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<td>7</td>
<td>September</td>
<td>Introduction to Sustainable Development</td>
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<td>8</td>
<td>October</td>
<td>Project Assessment, monitoring &amp; Evaluation</td>
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<td>9</td>
<td>November</td>
<td>How to write a Resume</td>
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The sequence and title of the proposed webinar may change as per availability of the resource person.
Details of Project 2

PA Coordinators

- Encourage all R10 Section Chairs to appoint a PA Coordinator for the sections if they do not have one and have an annual calendar of events in their webpage.

- R10 PA Committee will initiate the process and completes by the May 2021.

- Explore introducing PA marks into Section Awards & Recognition for 2022

- Sections may encourage to Publicize their PA activities in R10 Newsletter
IEEE Future Directions identifies emergent technologies as primary focus areas and has established them as formal initiatives to engage IEEE.

IEEE Hard Tech/Smart Tech Workshop series are designed for practicing engineers and technical professionals who are innovators, have a desire to learn more, are in a career transition, or are considering a career change.

This project is to support development of regular dissemination of IEEE’s new and graduated Future direction areas through Hard Tech/Smart Tech workshop format.

This project is to continue from earlier efforts to establish four sessions of 90 minutes workshop event in R10 virtually, either stand-alone or alongside flagship R10 events.

Circulate among all R10 OUs to know the interested Section/Sub-Section/Council to organize this Summit.

More details (TBD)
Details of Project 4

- Increasing exposure of Professional Activities through the Region 10 flagship conferences i.e. TENCON, TENSYMP and R10 HTC
- Supporting Conference to have a professional/industry track during this three events. PAC will work with IRC Chair to identify opportunities.
- Working with the Conference local committees for integrating a track
- Project Milestones leading to completion
  - TENSYMP 2021 - Jeju, Korea, 22-23 April 2021
  - R10 HTC 2021 – Bangalore, India, 22-24 September 2021
  - TENCON 2021 - Auckland, New Zealand, 7-10 December 2021