2021 IEEE Region 10 Virtual Meeting
Professional Activities Committee - Overview

Nirmal Nair (New Zealand)
Region 10 Vice-Chair of Professional Activities

6th March 2021
Larger EXCOM with Professional Activities Vice-Chair

Preeti Bajaj
(India)
Educational Activities Committee

Mohammad Faizal Ahmad Fauzi
(Malaysia)
Newsletter Committee

Parkash Lohana (Pakistan)
Professional Activities Committee

Jong Chang Yi (South Korea)
History and Individual Benefits Service Committee

Seishi Takamura (Japan)
Strategic Planning and New Initiatives Committee

www.ieee.org
Thrust Areas:

• **Membership Activities**: Member Retention and Continuation of Students to Young Professionals

• **Technical Activities**: Section-Chapter Collaborative Programs, Conference Quality and Industry Engagements

• **Professional Activities**: [Entrepreneurship and Career Advancement Programs](www.ieee.org)
2021 R10 SP/NI Committee Members

Dr. Seishi Takamura
Tokyo
Chair

Prof. Byung-Gook Park
Busan

Dr. Nirmal Nair
New Zealand North

Mr. Vamsi Krishna Jadala
Hyderabad

Prof. Kurnianingsih
Indonesia

Mr. Bala Prasad Peddigari
Hyderabad

Mr. Harry McDonald
Western Australia

Prof. Basabi Chakraborty
Sendai

Mr. Samarth Bonthala
Bangalore
# 2021 R10 SP/NI Committee Plan

## Committee Structure
1. Chair: Seishi Takamura  
2. Members: Byung-Gook Park, Nirmal Nair, Vamsi Krishna Jadala, Nia Kurnianingsih, Bala Prasad Peddigari, Harry McDonald, Basabi Chakraborty, Samarth Bonthala

## Objectives
To promote the growth and successful operations of R10 through strategic planning

## Projects / Tasks
- **Project 1:** R10 orientation materials organization  
- **Project 2:** Introducing R10 Subcommittee structure  
- **Project 3:** Initiative of new virtual R10 flagship conference(s)

## Budget
- **Project 1:** None  
- **Project 2:** None  
- **Project 3:** USD 5,000 (survey rewards)

**Total Proposed Budget in USD 5,000**

## Project / Task Measurable
- **Project 1:** web archive completion  
- **Project 2:** guideline documents, hearing  
- **Project 3:** survey planning, survey conduct, results report, final report

## Major Milestones & Timeline
- **Project 1:** by March  
- **Project 2:** by June  
- **Project 3:** survey planning by April, conduct survey and collect responses by July, planning discussion by Nov.
Details of Project 1

R10 orientation materials organization

Description:
- R10 ExCom Orientation Program, which is anticipated to help you to understand some of the R10 policies as well the various resources available to assist R10 ExCom (2021-2022) members for their projects, were conducted in five modules from Nov. 2020 to Dec. 2020.
- This project is to organize this program’s resources (videos, slides, documents and links) and make them available on the web. Presenters are encouraged to update slides if necessary.

Measurable: web archive completion

Timeline: by March
Details of Project 2

Introducing R10 Subcommittee structure

Description/Objective:
Establish a guideline to form Subcommittees under each Committee of Region 10 ExCom. There is a draft version of guideline made by Director Deepak. Region 10 is very diverse, large in geographical area as well as in membership. It caters to almost 30% of total IEEE membership. The Subcommittee shall help in planning and execution of Region 10 activities efficiently and effectively to its large member base in 26 countries which is still growing. This shall also help in identifying and developing future leaders for Region 10 and consequently for IEEE. Efforts shall be made to include more YPs and WIE members.

Measurable:
Guideline documents

Timeline:
ExCom Chairs hearing by April
Draft document by May
Guideline completion by June
Details of Project 3

Initiative of new virtual R10 flagship conference(s)

Description:
Task force on 4th or more "Virtual" R10 flagship conference, in addition to TENCON, TENSYMP and HTC. Not aim to actually hold a conference in 2021. First conduct a survey for R10 Subsections/Sections/Councils on the challenges and opportunities of holding another conference. Based on the survey, we discuss how to proceed.

Budget:
USD 5,000 For survey rewards (incentive)

Measurable:
development of survey, results report, final report

Timeline:
Survey planning by April,
Conduct survey and collect responses by July,
Planning discussion and final report by Nov.
2021-2022 R10 EAC

Preeti Bajaj
WIE & Chair -EAC
Bombay Section

Lance Fung
Advisor
Western Australia

Tariq Rahim Soomro
Member
Karachi

Amoli Belsare
WIE & Member
Nagpur Subsection

Aliza Aini
Member
Malaysia

Rajnish Gupta
Member, YP
Singapore

Takako Hashimoto
Member
Tokyo
IEEE R10 Reaching Local - Ambassadors

Preeti Bajaj
Region 10 I/C
Reaching Local Initiatives
Bombay Section, India

Muhrizaturrahmah
Member,
Indonesia Section

SVNL Lalitha
Member,
Hyderabad Section
India

Takako Hashimoto
Member,
Japan

Po-Hung Chen
Member
Taiwan

Nandan S.
Member,
Kerala Section, India

T Yamuna Mahesh
Member,
Kerala Section, India

Leon Lei
Member,
Hong Kong

Ravikumar Tiwari
Member-YP, Nagpur
Subsection, India

Usman Ali
Member-YP, Lahore
Section, Pakistan
2021 R10 Education Activities Committee Plan

Committee Structure

1. Chair: Preeti Bajaj
2. Members: Lance Fung, Tariq Soomro, Amoli Belsare, Aliza Aini, Rajnish Gupta, Takako Hashimoto
3. Reaching Locals Initiative Ambassadors: Leon Chi Un Lei, Usman Ali, Po-Hung Chen, Muhfizaturrahmah, SVNL Latitha, Mr. Nandan S, Ravi Tiwari, Therese Yamuna Mahesh, Po-Hung Chen

Objectives

1. The IEEE Region 10 Educational Activities Committee (EAC) provides guidance and assistance to Region entities in creating awareness about resources of IEEE EAB amongst R-10 Sections for learners, educators, and education policymakers.
2. To be the voice of professionals in R-10 on education policy; curriculum development; pre-university, engineering and technology education; and continuing education.
3. To make available resources in local languages.

Projects / Tasks

Project 1: Introduction of EA Chair, Establishment of Objectives and Change in R-10 Manual & Orientation workshop R10 sections
Project 2: To make available resources in local languages through a project Reaching Locals through STEM, try-engineering and society activities
Project 3: Engagement activities through organizing workshop on education policy, Curriculum Development, Accreditations, disruptive technologies, Education 4.0, Engineering and Technology education; and continuing education.
Project 4: R-10 New Innovation Challenge/ Social media challenges
Project 5: EA Awards

Budget

Project 1: 1500USD
Project 2: 10000USD
Project 3: 2000USD
Project 4: 2800USD
Project 5 Budget from Awards Committee
Total Proposed Budget in USD 16300USD

Project / Task Measurable

Project 1: No of sections/subsection having EAC chair
Project 2: No of languages/sections/countries/outreach
Project 3: No of OUs/teachers/no of workshops/no of technologies/No of products of EAB
Project 4: Winner OUs
Project 5: No of applications/sections involved/Winner OUs/Individuals/groups

Major Milestones & Timeline

Project 1: March 2021
Project 2: 30 OUs and 15 local languages
Project 3: 10 workshops for 30 OUs - one every month
Project 4: Sept 2021
Project 5: As per R-10 Schedule
Project 2: Reaching Locals Initiatives /focusing to Career & Entrepreneurship

Jan: IEEE R10 OU’s are invited to conduct activities for reaching out to the community with local languages in order to:

- raise the awareness of IEEE’s brand and logo,
- enhance public understanding of engineering and technology,
- provide a trusted source of educational resources and services,
- inspire a worldwide audience and expand knowledge for the benefit of humanity.

Feb: in EA awareness workshop also shall be highlighted

Every month 10 activities through Reaching Locals ambassadors through EA Chairs of the sections in the forms of webinars, videos, radio broadcasts, interviews, production of subtitles for IEEE flagship events, Workshops, Hackathon, MOOC and a range of innovative projects

Countries like Japan, India, China, Pakistan, Indonesia, Bangladesh, Malaysia and Hong Kong, Korea, Taiwan

Budget: USD150 for each activity to OU’s for support

Awards: Certificates of Appreciation to an individual ambassador and EA Chair of the section

Total Budget 10000USD
Project 3: Engagement activities through organizing workshop on education policy, curriculum development, Accreditations, disruptive technologies, Education 4.0

Feb: Call for workshop on Engagement activities through organizing workshop on education policy, curriculum development, Accreditations, disruptive technologies, Education 4.0

4 workshop: one in every quarter (covering 5 OUs minimum in each workshop)

Outcome – online Capacity building workshops/webinars for Teachers, education decision makers and policy makers

Submission Deadline: 15th March 2021
Notification: 30th March, 2021
Reporting and claims for expenses: 31st October, 2021
Support: 500USd per project ($250 from R10 for each activity with matching grant of 250USD from section)
Total Budget: Max 8 workshops USD$2000
Project 4: R-10 New Innovation Challenge/ Social media challenges

- March: Establishment of objectives, evaluation criteria and judging panel for the new innovative challenge
- Call for 2021 R10 EA New Innovative Challenge
  - Submission Deadline: 15th April, 2021
  - Notification: 30th April, 2021
  - Reporting and claims for expenses: 1st November, 2021
- Budget: $500 USD (250USD from R10 with matching grant from section 250USD) which also includes Winner and runner-up in Pre-University 100USD and 50USD and University Categories (100USD and 50 USD) respectively
- Support for 10 commendation projects
- Total Budget: USD$2,500

Objective: the IEEE R10 EAC Social Media Challenge to encourage IEEE R10 members to share their learning and reflections from the virtual activities that they are participating in reaching locals

- Submission Deadline: 15th April, 2021
- Notification: 30th April, 2021
- Reporting and claims for expenses: 1st November, 2021
- Support up to $50 for minimum 4 media coverage on one single project and 1000 views of one Reaching local Initiative each video
- Budget: USD$300
- Total Budget for innovation and social media: 2800USD
2021 R10 PA Committee Plan

Thrust Area: Entrepreneurship and Career Advancement Programs

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' long-term 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

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

*Professional Activities
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
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:

<table>
<thead>
<tr>
<th>Month</th>
<th>Professional Activity Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>March</td>
<td>Communication Skills &amp; Teamwork</td>
</tr>
<tr>
<td>April</td>
<td>Creative Thinking</td>
</tr>
<tr>
<td>May</td>
<td>Converting Challenges to Opportunities</td>
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<tr>
<td>June</td>
<td>Design Thinking</td>
</tr>
<tr>
<td>July</td>
<td>Writing Professional Email and Memos</td>
</tr>
<tr>
<td>August</td>
<td>Financial Management for Engineers</td>
</tr>
<tr>
<td>September</td>
<td>Introduction to Sustainable Development</td>
</tr>
<tr>
<td>October</td>
<td>Project Assessment, monitoring &amp; Evaluation</td>
</tr>
<tr>
<td>November</td>
<td>How to write a Resume</td>
</tr>
</tbody>
</table>

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
Details of Project 3

- 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)
2021-2022 R10 History and Individual Benefits Services Committee

Chair
Seoul Section
Dr. Jong Chang Yi

Past Chair
Seoul Section
Dr. SoYoung Kim

Member
Bombay Section
Mr. Suyog Vyawahare

Member
Beijing Section
Dr. Bo Peng

Member
Tokyo Section
Dr. Yasuharu Ohgoe

Member
Karachi Section
Dr. Parkash Lohana
# 2020 History and Individual Benefits Services Committee Plan

## Committee Structure
1. Chair: Jong Chang Yi

## Objectives
1. Promoting applications for IEEE Milestones in R10.
2. Recording the history of Region 10.

## Projects / Tasks
1. IEEE Milestone Technologies Web Development
   - Update and Compile IEEE Milestones List
   - Name, Year, Links, Historical Significance
   - Publicize the Recognition Events
   - Potential IEEE Milestones Application Page
2. IEEE R10 History Web Development
   - Region History Update and Post
   - History Web Template Development
   - By Contest or By Designated Development
3. Individual Benefit Services Promotion
   - Lifelong Career Advancement Programs
   - Commemorate and Recognize Individual Efforts

## Budget
1. Project 1: USD 2000
2. Project 2: USD 2000

**Total Proposed Budget**: USD 4000

## Project / Task Measurable
- Project 1: Create Active Web Pages in R10 site
- Project 2: Call for Templates for Contest
- Project 3: Create Active Web Pages in R10 site

## Timeline & Metrics
1. Project 1: Oct. 2020
2. Project 2: Oct. 2020
Project 1. IEEE Milestone Web Development


- Collect & Summarize the Milestone List by Region and Year for R10 webpage

- Add Link for Current Status of Milestone submissions, decisions, and recognition events.

- Add Link for Milestone application, templates, documents, and contacts (Resources)

- Add Link for local Milestone activities: links for SNS (facebook, twitter, Collabratec, etc)

- Budget requested for Milestone Web API development (USD 2000)

- Current IEEE R10 Web History Web pages

  - IEEE Region 10 Centennial [download]
  - IEEE Asia Pacific eBook [download]
Project 2 – R10 History Web Development

- Collect & Summarize the scattered historical information in one webpage (web design)
- Commemorate 25/50th anniversaries of Sections/Chapters/Student Branches
- Archive History of Founding Members/Documents/Photographs/Events in Region10
- Budget requested for history protocol webpage contest (USD 2000)
- Archive R10’s historic documents and albums:

  - https://ethw.org/IEEE_R10 (Asia %26 Pacific) History
  - http://history50.ieeer10.org/

- Current R10 webpage

  - https://www.ieeer10.org
Project 3 – Individual Benefits Services Promotion

- **Lifelong Career Advancement Programs**
  - Promote Online Academia at a discounted rate (Media Lab/3D/Python/Al etc)
  - Promote Software at a discounted rate (MS/Adobe/Cadence)
  - Promote Leadership Development Programs at discounted rates (HBDI/DiSC/MBTI etc)
  - Build connection with Students/YP/WIE/LMAG regarding Career Advancement Programs

- **Commemorate and Recognize Individual Efforts**
  - Commemorate Loyalty Members at 10/25/50/60 years
  - Archive and enhance access to lifetime achievement and professional/volunteer careers
  - Develop regional success examples on individual benefits (insurance discount/entrance fee waive to science/tech museum etc)

- **Budget requested for Career Advancement web API (USD 2000)**
  - Easier web access to IEEE Center for Leadership Excellence
  - Easier web access to Career Advancement App (DISC/HBDI/MBTI etc)
  - Easier web access to personal professional and volunteer careers
  - Easier web access to individual benefits programs
2021-2022 R10 Newsletter Committee

Mohammad Faizal Ahmad Fauzi Malaysia Chair

Prashant R. Nair Madras Editor

Redwan Ferdous Bangladesh Editor

Tridibesh Nag Kerala Editor

Lau Bee Theng Sarawak Editor

W. M. W. Sharika Jayalath Sri Lanka Assoc. Editor

Naila Mukhtar New South Wales Webmaster

Nabeel Ahmed Masoodi Karachi Graphic Design

TBD China/ Japan/ Thailand/Philip.
2021 R10 Newsletter Committee Plan

Objectives
1. To publish quality newsletters with quality contents in a timely and frequent manner.
2. To update members on the latest development from Region 10 and its committees.
3. To communicate OU activities and raise the profile of Region 10 OUs at international level.

Projects / Tasks
Project 1: Regular release of newsletters
Project 2: Web version and social media marketing
Project 3: Coverage of flagship R10 events
Project 4: Multimedia COVID19 heroes

Committee Structure
1. Chair: Mohammad Faizal Ahmad Fauzi
2. Members: Prashant R. Nair – Editor
   Tridibesh Nag – Editor
   Lau Bee Theng - Editor
   Redwan Farhan –Editor
   Wathmini Sharika – Associate Editor
   Naila Mukhtar – Webmaster/Social Media
   Nabeel Masoodi – Graphics/Social Media
   TBD (Japan/China/Thailand/Philippines)

Project / Task Measurable

Timeline & Metrics
Project 1: January/April/July/October
Project 3: April (TENSYM), Dec (TENCON, R10HTC)
Project 2 & 4: All year

Budget
Project 1: USD 0
Project 2: USD 200 (Social Media Booster)
Project 3: USD 5000 (Travel and transportation)
Project 4: USD 2000 (USD200 x 10 videos)
Total Proposed Budget : USD7200
# Details of Project 1
## Plan for Newsletter Content

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<thead>
<tr>
<th>Columns/Issues</th>
<th>April 2021</th>
<th>July 2021</th>
<th>October 2021</th>
<th>January 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Special Articles</strong></td>
<td>• R10 Excom Meeting</td>
<td>• TENSYMP 2021</td>
<td>• 2020 R10 Award Winners</td>
<td>• IEEE Day</td>
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<tr>
<td></td>
<td>• R10 Section Meeting</td>
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<td>• TENCON 2021</td>
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<td></td>
<td>• R10HTC 2021</td>
</tr>
<tr>
<td><strong>Personalities of the Month</strong></td>
<td>R10 Personality</td>
<td>WIE Personality</td>
<td>YP Personality</td>
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<td></td>
<td>Student Personality</td>
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<td>LM Personality</td>
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<tr>
<td><strong>OUs of the Month</strong></td>
<td>Large Section</td>
<td>Medium Section</td>
<td>Small Section</td>
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<tr>
<td></td>
<td>Council</td>
<td>Subsection</td>
<td>Student Branch</td>
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<tr>
<td><strong>Section/SB Activities</strong></td>
<td>Source from Section/AG/Chapter/SB/SB Chapters</td>
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<tr>
<td><strong>Other Columns</strong></td>
<td>R10 Committee Updates</td>
<td>Technical Articles</td>
<td>PG Research Papers</td>
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<tr>
<td></td>
<td>Best Practices</td>
<td>Award Winners</td>
<td>Conferences Report</td>
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<td></td>
<td>Newly-Formed Units</td>
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</tbody>
</table>
Details of Project 2
Website and Social Media

- To maintain and update the newsletter website
- To improve the security features of the website (HTTPS)
- To measure the traffic of the website, and increased traffic to R10 website
- To maintain the current Facebook account, and consider other social media such as Twitter, Weibo etc.
- To advertise and promote to non-members to attract memberships
- Budget of USD200 for boosting contents in social media posts.
Details of Project 4
Multimedia COVID19 Heroes

- To publicize IEEE volunteers effort in combating COVID19 pandemic effects.
- To release the regular article version in the quarterly newsletter issue.
- To release the multimedia version in the newsletter website.
- To produce at least 4 videos (1 for each newsletter issue).
- To allocate budget for 10 videos (USD200 per video x 10 videos = USD2000)

Covid-19 Interviews

[Video Link]

CALL FOR ARTICLES

SEND US YOUR ARTICLES ABOUT COVID-19 RELATED ACTIVITIES

Are you working/volunteering on countering the threat of COVID-19 in your local section? If so, stand a chance to feature in our COVID-19 Personality of the Month (both regular article and multimedia versions) column in our R10 Newsletter!

Contact us at r10-ecn@ieee.org for details.
thank you!

Terima kasih