R10 Adhoc Committee on Climate Change & Sustainability

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Interactive Training on Climate Change

Designed and conducted interactive training on climate change
Physical Training Sessions & Booth: R10-HTC, IEEE TENCON
Virtual Training Session: Section nominated students
Technical Talks, Panel Session on Climate Change

Online Technical talk: IEEE President Saifur Rahman
Online Panel: Shay Bahramirad, PES President-Elect, H.L. Bajaj, Past R10 Director
Physical Panel Session: IEEE TENSYMP
Physical Climate Change Booth: IEEE TENCON
Training/Reading Material on Climate Sustainability

Objective: Enhance awareness/understanding on climate sustainability

**Description:** Prepare training/reading materials on climate change causes, effects, mitigation, adaptation. New two modules will include

- Sustainable technology, transportation, computing, IOT
- Renewable energy integration, green H₂, net-zero, decarbonization
- Energy management, energy storage, smart grids, resilience,
- Circular economy (reuse, recycling), water conservation

**Deliverables:** Presentation slides, brainstorming tasks, interactive sources, reading resources, quizzes

**Timeline:** Two modules to be prepared in Q1-Q2
Knowledge Sharing Platform: Tech-talk/Expert-panel

Objective: Offer knowledge sharing platform through a series of technical talks and expert panels

- **Description:** Organize technical talks and expert panels involving relevant IEEE societies, policy makers, organizations

- **Deliverables:** Six technical talks/panels involving experts and IEEE societies.

- **Timeline:** Q1-Q2: 3 talks, Q3-Q4: 3 talks
**Train-the-Trainer at R10 Conferences**

**Objective:** Capacity building

- **Description:** Organize interactive training sessions (3 Hours). Participants will learn and share ideas.
- **Target participants:** conference attendees (authors, speakers), local SB members, YP and WIE.
- **Budget:** $5000 (Venue, food, trainer’s travel)
- **Deliverables:** Three physical training sessions in TENSYMP, R10-HTC, TENCON, 2 online training sessions.
- **Timeline:** Online in Q1-Q2. Physical in Q3-Q4.
R10 Grand Challenge on Climate Actions

Objective: Collecting information of local climate actions in R10

- **Description:**
  - **Preliminary Round (Section Level Activities):**
    Online Training on Climate Sustainability: Section will organize
    Online Report on Climate Actions: Student branches will submit (Local climate risks, visible climate actions, potential future actions)
  - **Final Round of Grand Challenge in R10 SYWL Congress:**
    Selected presentations with brainstorming Q/A at R10 SYWL Congress

- **Budget:** $5000 (Venue, food, trainer’s travel, prize money)

- **Deliverables:** Climate actions and future plans in R10

- **Timeline:** Preliminary round in Q1-Q2, final in R10 SYWL