Introducing the IEEE Volunteer STEM Portal

IEEE Region 10 Meeting
7 March 2021
The Challenge for IEEE’s STEM Pre-University Education Programs: A Fragmented Landscape

There are many volunteer-led pre-university STEM activities happening globally, but...

We do not know collectively what is being done across the institution. There is no:

- Place for volunteers to **SHARE** and showcase their effective programs with each other
- Set of STEM education **RESOURCES** from IEEE that volunteers can draw from when developing local STEM programs
- **IMPACT DATA** of our collective IEEE STEM efforts
Objective: Leveraging IEEE’s Global Communities

The Volunteer STEM Portal is a resource that employs the power of IEEE volunteer expertise, experience and range to drive STEM outreach.

Features

- Searchable library of current STEM and pre-university programs (*developed by IEEE’s global communities and Partners*)
- Resources to support current or new STEM programs
- Metrics and Impact mechanism
- Awards and Recognition program
- Development grants (coming soon)

Volunteer Engagement

- Ability to share your programs
- Find a program to host/organize
- Learn best practices
- Make STEM connections
- Build a Local STEM community
- Impact as many students as possible
Mission and Vision

Mission:
Providing opportunities and resources for volunteer generated STEM activities to impact as many students as possible.

Vision:
Youth Will See Themselves as Someone Who Can Improve the World Through Engineering & Technology.
Volunteer STEM Portal Demo
The Envisioned Future

IEEE’s Global Communities: Engaged in Pre-University STEM Activities

Mobilizing the global reach of IEEE to *impact as many students as possible* with hundreds of STEM activities offered each year!
Join Our STEM Team

Volunteer STEM Portal

- **Share** your great programs
- **Participate** in the pilot

Join our IEEE Pre-University [Collabratec Community](#) and [TryEngineering Facebook Group](#)

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