



THAPAR INSTITUTE
OF ENGINEERING & TECHNOLOGY
(Deemed to be University)



IEEE Membership Awareness Program for Branch Counselors: Torchbearers of IEEE Student Branches

Presented By

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Outline

Responsibilities of IEEE Student Branch Counselors

Why IEEE Student Branches are Not Active and Sustainable

IEEE Awards & Travel Grants

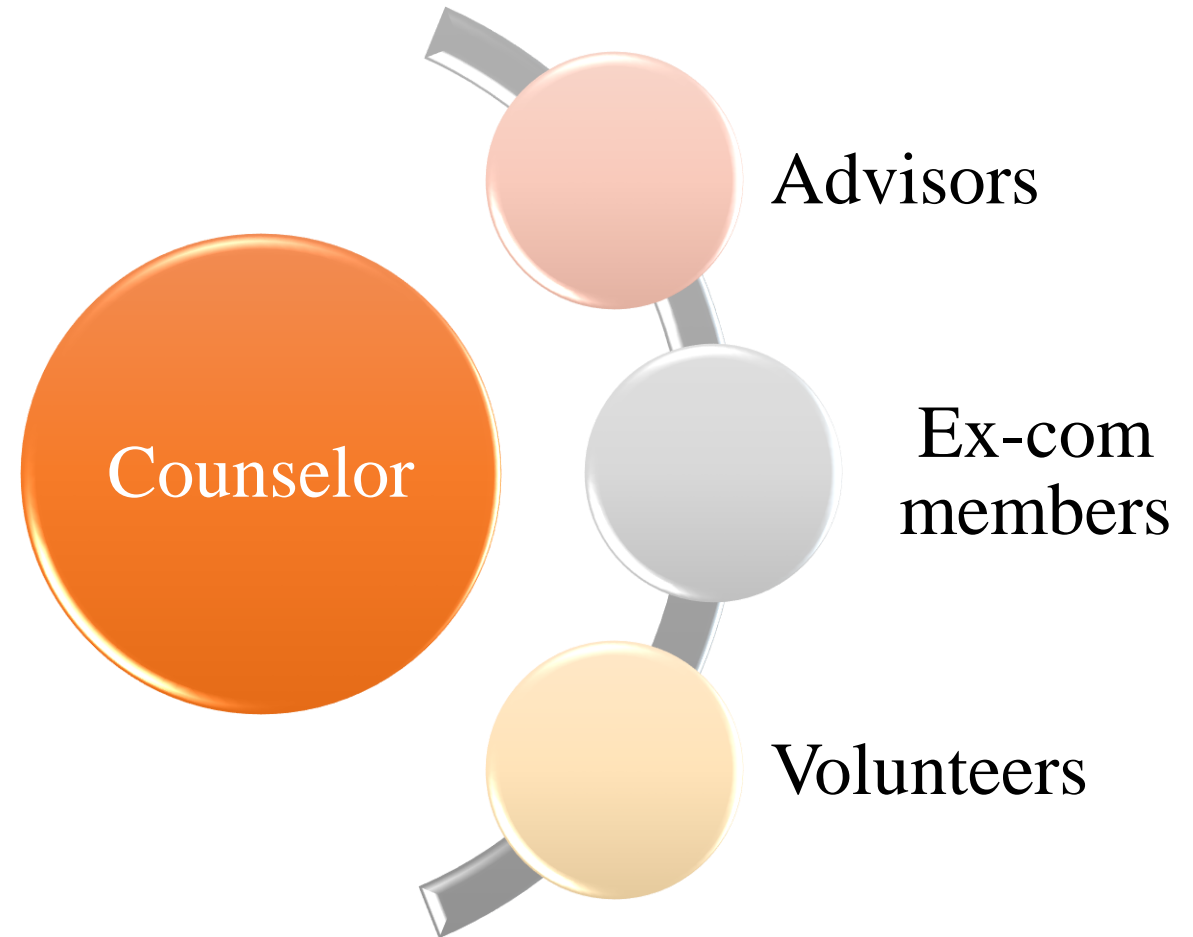
IEEE Financial Support and Professional Networking

IEEE Job Site and Collabratec

Conclusion: IEEE Return of Investment

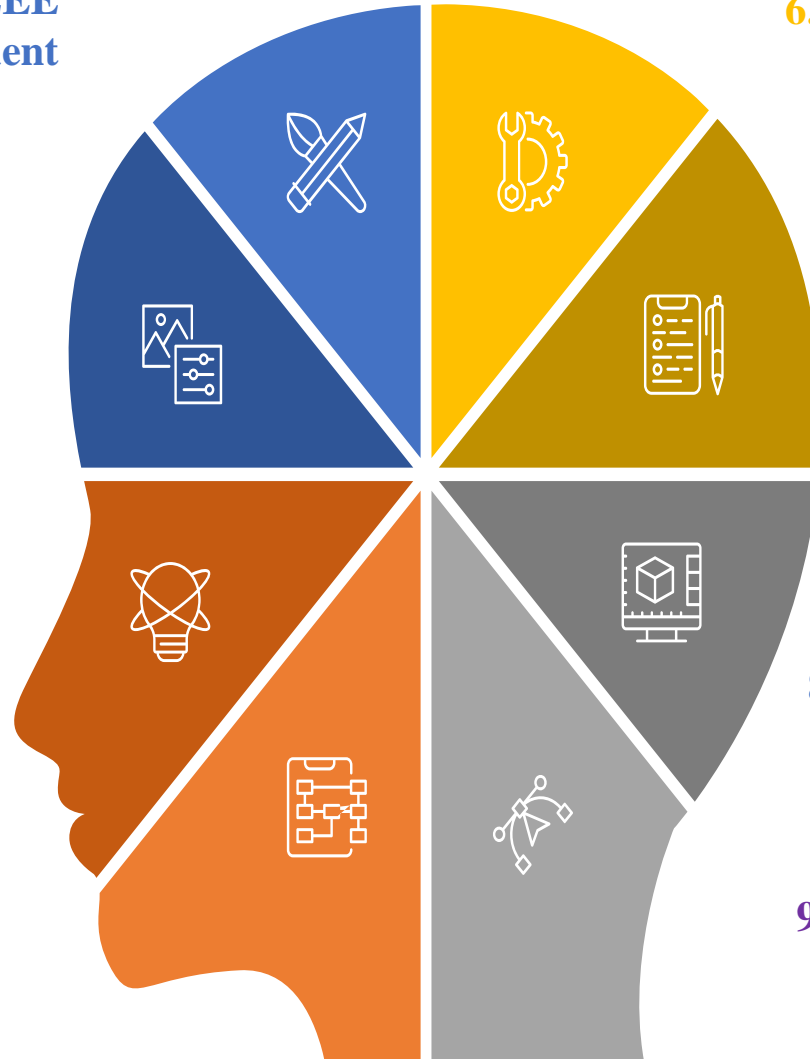
Who is the IEEE Student Branch Counselor

- The Student Branch Counselor is a **University or College faculty member**, and active IEEE Member, who serves as an adviser to the Branch.
- *Counselor is the Heart of the IEEE Student Branch*



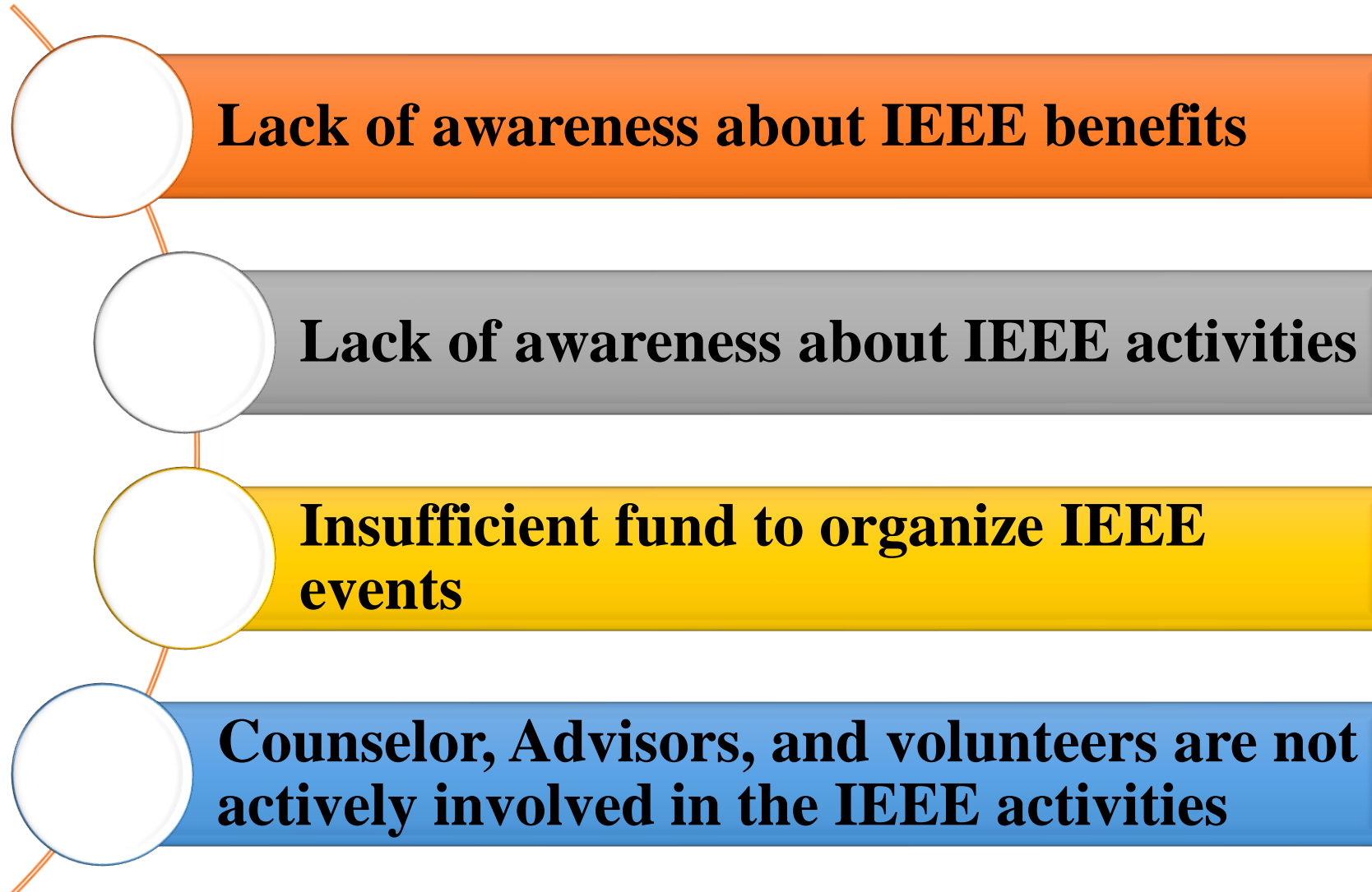
Responsibilities of IEEE Student Branch Counselor

1. Ensure that information from IEEE Headquarters is shared with the student officers
2. Attend Executive Committee meetings and assist IEEE Student Branch Committees
3. Participate in Branch Counselor events, webcasts or other programs sponsored by IEEE MGA
4. Participate in committee meetings sponsored by IEEE MGA Sections and Regions
5. Involve other faculty members in the activities of the Branch



6. Consult with IEEE Section Student Activities Committee (SAC), Regional SAC Chair or the Regional Director about Branch activities and problems
7. Foster good relations with the local Sections and encourage students to establish regular liaison with the Section SAC Chair or GOLD Affinity Group Chair
8. Promote student awareness of awards, contests and benefits of membership
9. Establish industry contacts for Branch programs and activities

Why IEEE Student Branches are Not Active and Sustainable



What is IEEE?

IEEE (Institute of Electrical and Electronics Engineers) is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity



01 | Knowledge ...

Staying current with the fast-changing world of technology

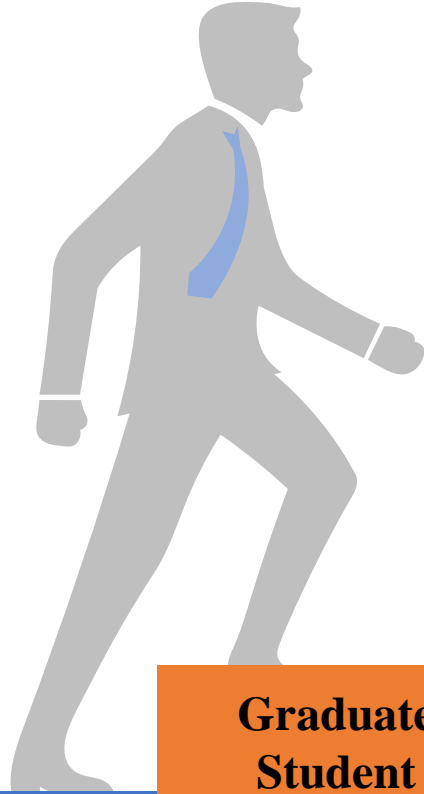
02 | Community ...

Unparalleled networking opportunities

03 | Profession ...

Empowering members to build their careers, and giving back to society

IEEE Membership Grades



Student Member
Undergraduate universities/institute students

Graduate Student Member
Post-graduate universities/institute students

Associate Member
Those who do not meet the qualifications for member grade but who wish to benefit from membership and partnership in IEEE

Member
Those who have satisfied IEEE-specified educational requirements and/or who have demonstrated professional competence in IEEE-designated fields of interest

Senior Member
The candidate shall have been in professional practice for at least ten years and shall have shown significant performance over a period of at least five of those years

Fellow
It recognizes unusual distinction in the profession and is conferred only by invitation of the Board of Directors upon a person with an extraordinary record of accomplishments in any of IEEE's designated fields of interest

Life Member
Those who have reached the age of 65 years and who have been a member of IEEE for such a period that the sum of his/her age and his/her years of membership equals or exceeds 100 years

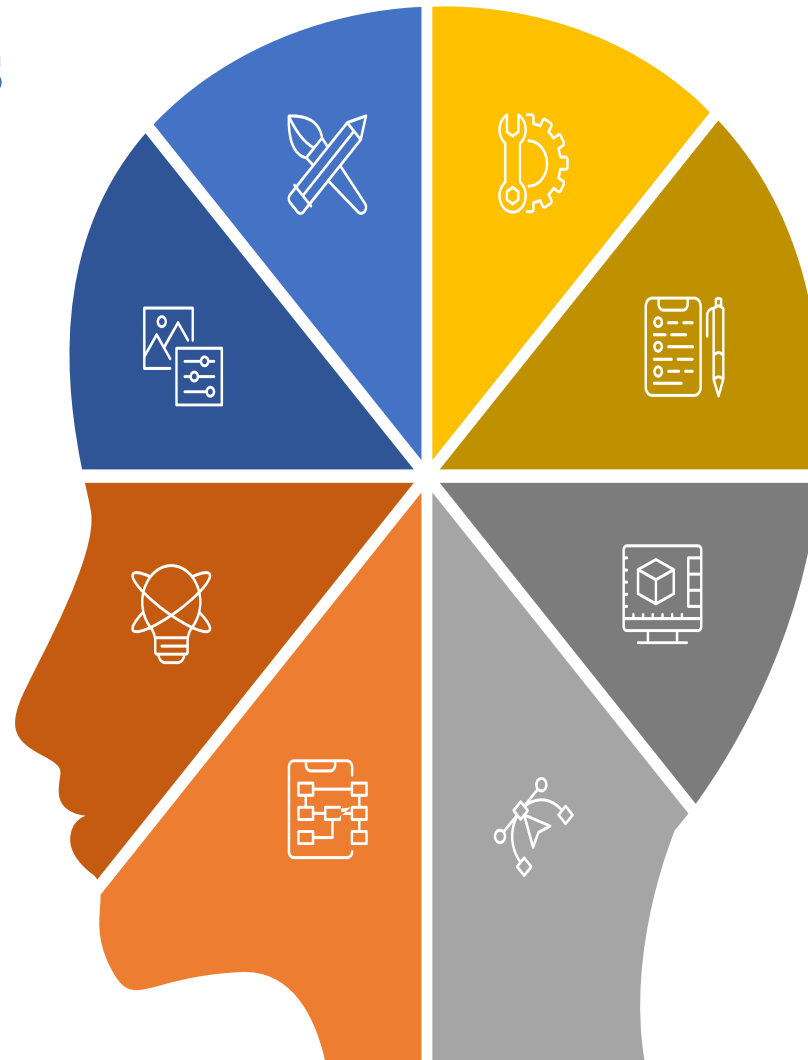
Various Fields Involvement in IEEE

ELECTRICAL ENGINEERS

ELECTRONICS ENGINEERS

MEDICAL DOCTORS

PHYSICISTS



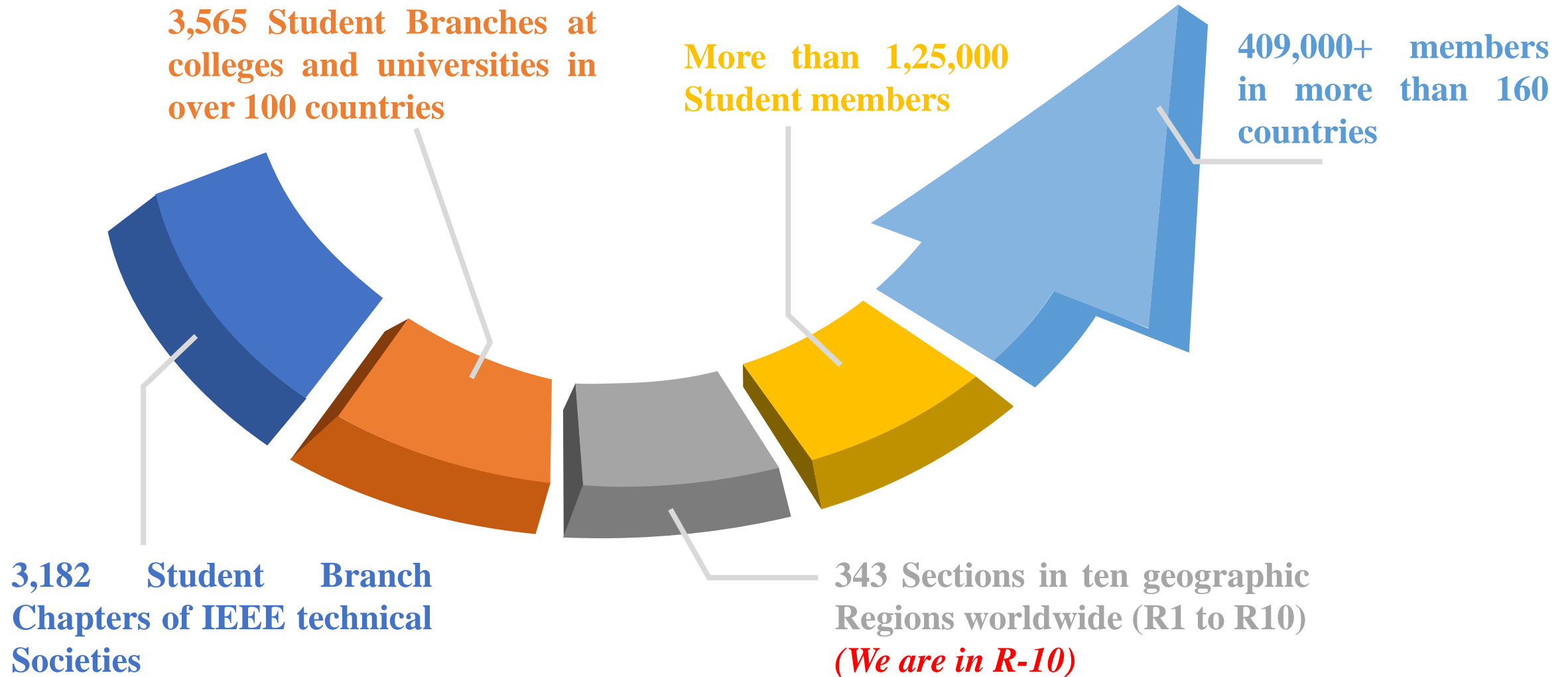
COMPUTER SCIENTISTS

SOFTWARE DEVELOPERS

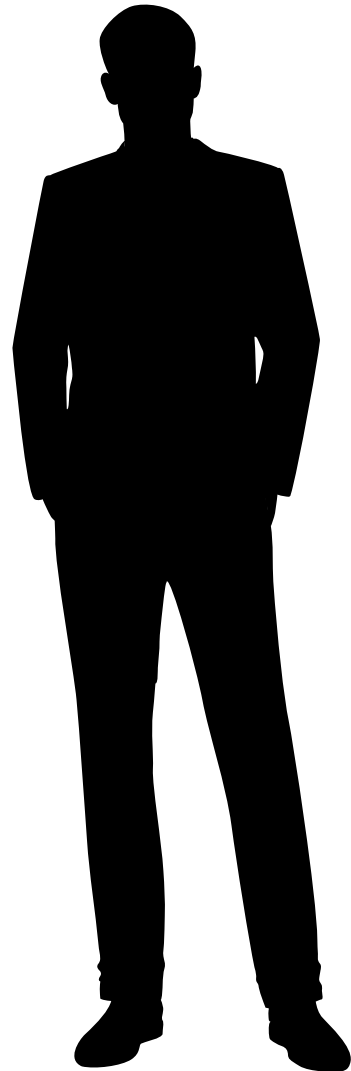
INFORMATION TECHNOLOGY

ENGINEERING PROFESSIONALS

IEEE Communities Across The Globe



IEEE Volunteering Opportunities



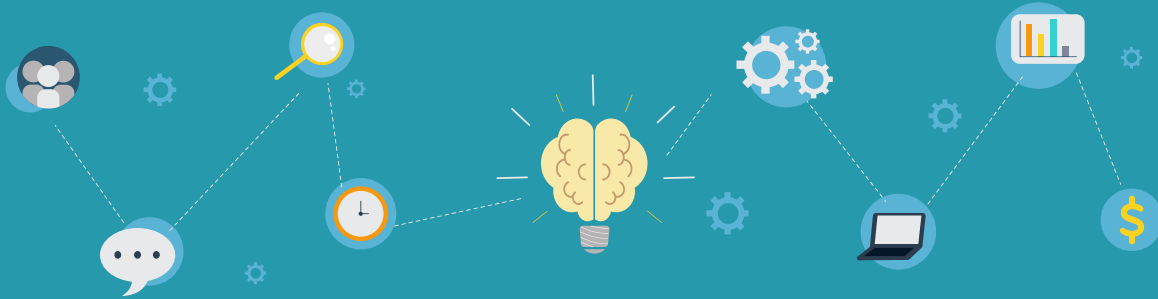
**Student
Branch
Level**

**Local
Section
Level**

**Globally
Level**

**Regional
Level**

IEEE: Career Benefits



**PROFESSIONAL
NETWORKING**



**CAREER
GUIDANCE**



**FINANCIAL
SUPPORT FOR
HIGHER STUDY**

IEEE Benefits: Career Resources & Recognition

TRAVEL AWARDS

SCHOLARSHIP FOR INTERNSHIP

FINANCIAL SUPPORT FOR HIGHER STUDY

JOB SITE PLATFORM



CAREER WEBINARS

RESUME LAB

PROFESSIONAL NETWORKING

DISCOUNT ON IEEE CONFERENCES

IEEE: e-Learning Platform



**Technical
Research papers**



**IEEE
Standards**



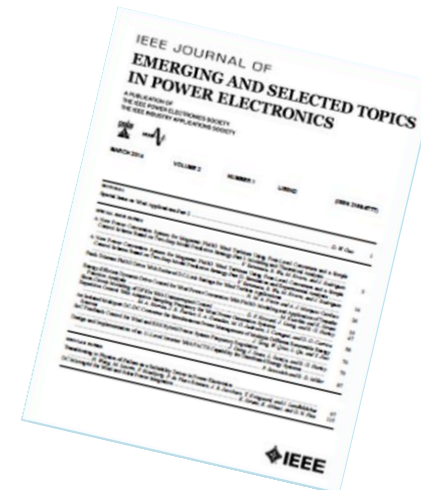
**Technical
Magazines**



**IEEE
TV**

Benefits: Keeping Technically Current

- e-Book Classics
- IEEE Member Digital Library (Access to)
- IEEE Potentials Magazine - Digital
- IEEE Potentials Magazine - Print
- IEEE Societies
- IEEE Spectrum Magazine
- IEEE Standards
- IEEE Xplore Abstracts
- IEEE-USA eBooks
- IEEE.tv
- Proceedings of the IEEE



IEEE Financial Awards

**Under-Graduate
and
Post-Graduate
Project-Based
Awards**
(\$500 to \$10,000)



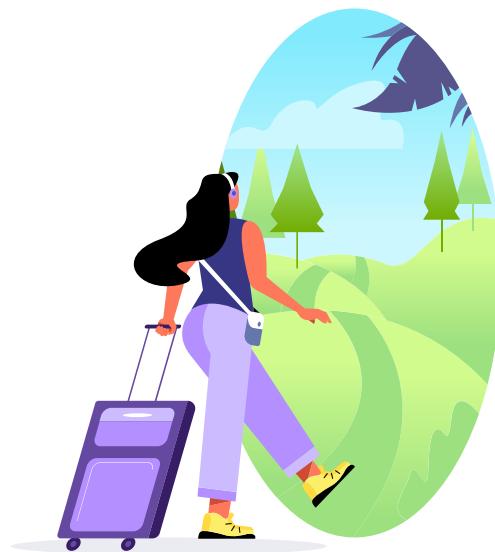
**Students
and Faculty
Research Project
Grants**
(\$1000 to \$25,000)

IEEE Travel Grant Awards

To
Attend IEEE
Conferences and
Workshops

To
Attend
IEEE
Meetings

Scholarship
for Higher
Education



IEEE IAS CMD Awards

Get a free USA Trip, free 5 days accommodation, certificates, and an award amount

Application deadline: 30th April 2023



IEEE IAS Global Mentoring Program (GMP) Contest 2023

These include developing public relations (PR) skills, development of management skills, value addition to IAS membership, etc.

For example, introduced topics may include items such as:

- “How to prepare for a job interview,”
- “How to write a proper report on ...”,
- “Enhance your public speaking skills”,
- “How to draft the proper CV for your discipline”
- Any technical topic which would be of value to the attendees (e.g. asset management, product management, etc.)

- The Event should be organized between **20 February 2023 and 20 June 2023**. Events organized, excluding this time frame are NOT eligible to participate in this Contest.
- **Online events are Not qualified for this Contest**. All the events should be conducted as physical ones (i.e., In person attendance).

Monetary Awards

- 1. 1000 USD** – First (1st) place, with certificates for the organizers + travel grant for two people to attend IAS Annual Meeting 2023
- 2. 750 USD** – Second (2nd) place, with certificates for the organizers
- 3. 500 USD** – Third place (3rd), with certificates for the organizers

Critical Deadlines

Deadline for Submissions:
20 June 2023

Winners Announcement:
10 July 2023

IEEE IAS Awards

Andrew W. Smith Outstanding Young Member Achievement Award

Distinguished Service Award

Outstanding Achievement Award

Outstanding Young Member Service Award

Annual Meeting Travel Grant Award (AMTGP)

IEEE PES Awards



[PES Society-Level Awards - IEEE Power and Energy Society \(ieeepes.org\)](http://ieeepes.org)

IEEE PELS Awards

PELS Ph.D. Thesis Talk Award (P3 Talk)

IEEE PELS Prize Letter Award

IEEE PELS Transactions Prize Paper Award

IEEE Transactions on Transportation
Electrification Prize Paper Award

IEEE Modeling and Control Technical
Achievement Award

IEEE PELS Best Student Branch Award

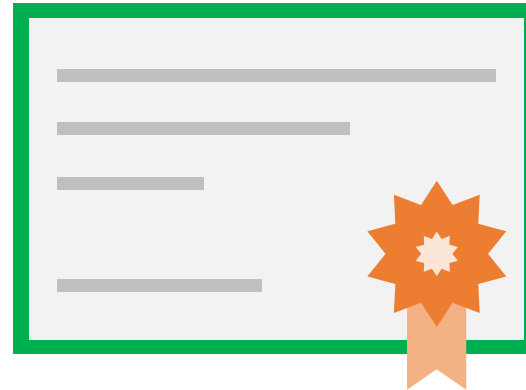
IEEE WiE Students Year Awards



IEEE WiE

Inspiring Member of the Year
Award

*Prize:- You will get a full travel grant to attend
the conference and receive an award*



IEEE WiE

Inspiring Student of the Year
Award



IEEE WiE

Affinity Group of the Year
Award

IEEE Xtreme Coding Competition

Be **Xtreme** with Us

24 Hours of competitive programming is waiting for you

REGISTER NOW

PRACTICE NOW



IEEE Xtreme is a global challenge in which teams of IEEE Student members – advised and proctored by an IEEE member, and often supported by an IEEE Student Branch – compete in a **24-hour time span** against each other to **solve a set of programming problems**.

IEEE Xtreme: Benefits



1. Roundtrip coach airline ticket for each winner from the winner's preferred major metropolitan airport to the conference destination
2. Conference registration fees
3. Three-night hotel stays in a standard room will be provided by IEEE for each winning team member

Each member of the team that wins **2nd** and **3rd** place in the IEEE Xtreme 16.0 competition will receive a **US\$400** and **US\$300** cash award, respectively



IEEE Student Project Grant

IEEE Standards Education Grants

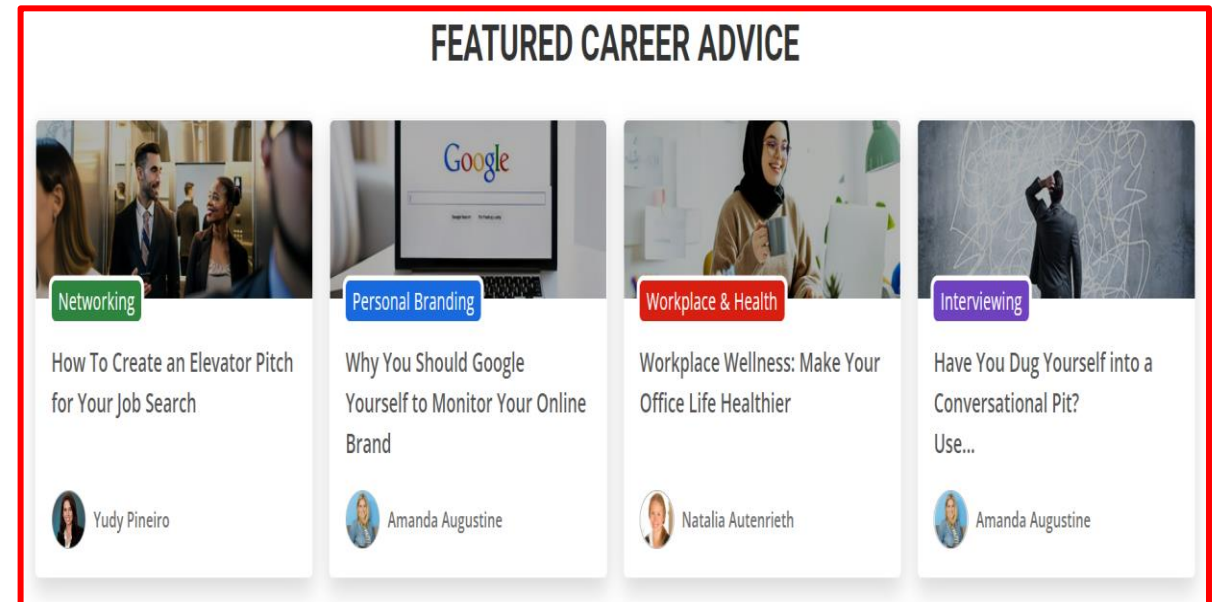
- ❑ The IEEE Standards Education Committee (SEC) grants **US \$500 for students (per project)** and **US \$300 for faculty mentors** to help complete senior, undergraduate or graduate projects
- ❑ Projects may be for design, capstone, development or research in which an industry technical standard(s) was applied to complete the project

<https://students.ieee.org/funding-opportunity/ieee-standards-education-student-grant/#:~:text=Fund%20Description%20%3A,must%20be%20an%20IEEE%20standard.>

IEEE Job Site

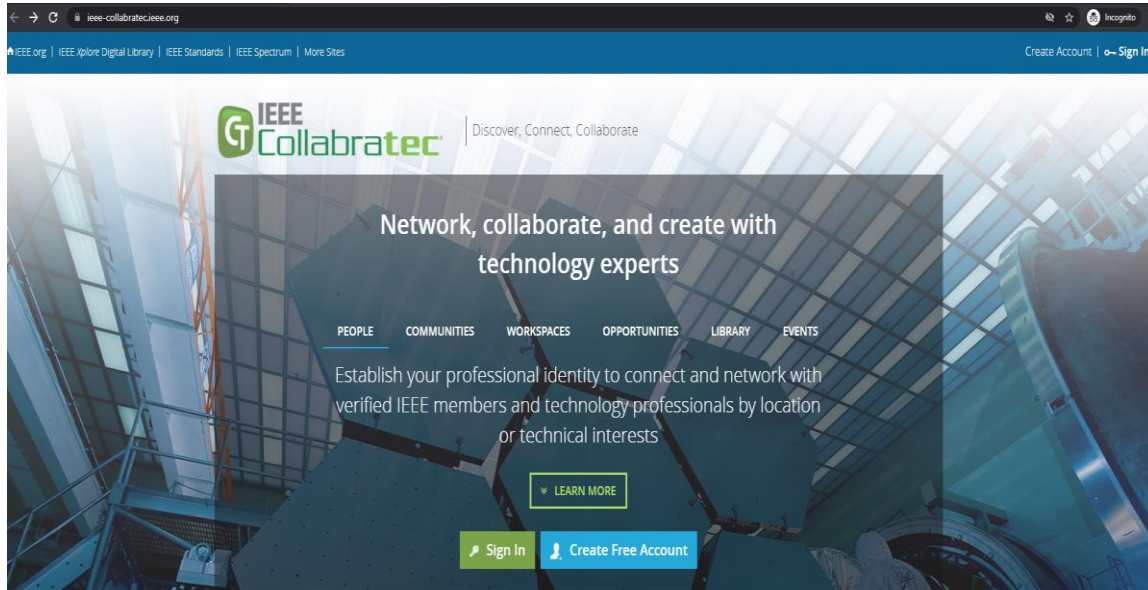


IEEE Career Center
Connecting Talent with
Opportunity

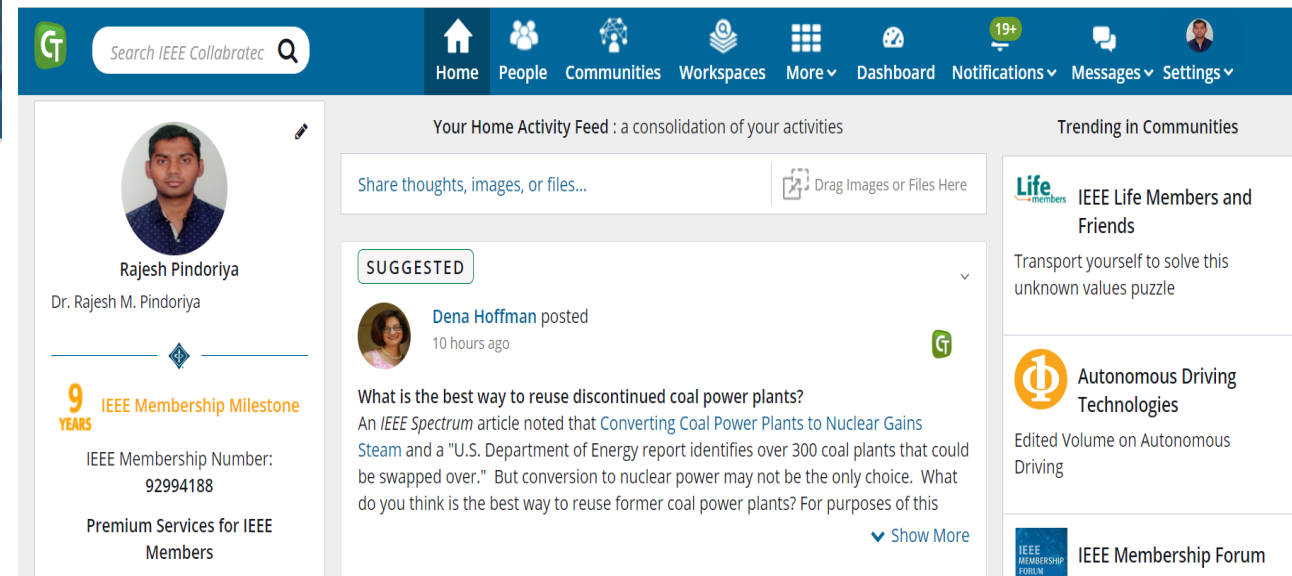


IEEE Job Site: (<https://jobs.ieee.org/>)

IEEE Collabratec



It is a platform to make strong professional networking across the globe



IEEE Collabratec: <https://iee-collabratec.ieee.org/>

Get Involved with IEEE HAC/SIGHT!

Benefits to engaging in IEEE HAC/SIGHT:

1. Learn and develop professional skills through participation in projects and events
2. Connect with like-minded IEEE members around the world
3. Work toward a greater purpose on projects that align with your personal motivations and skill set



Humanitarian Activities
Committee

IEEE SIGHT

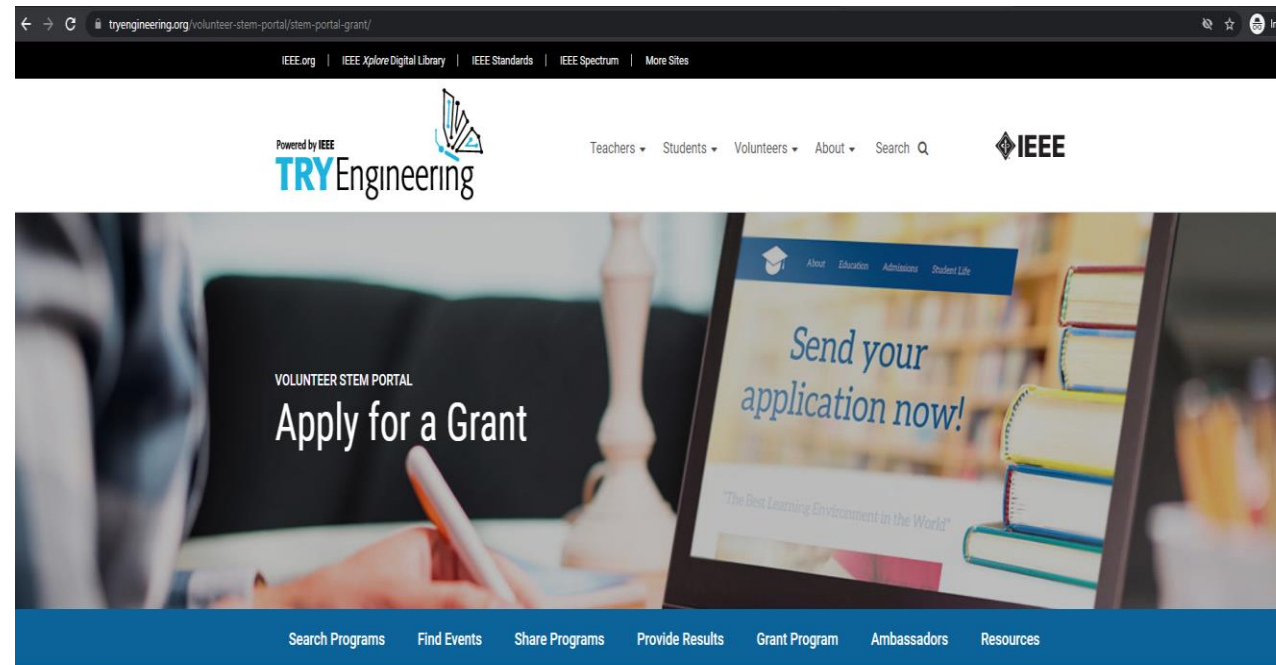
Special Interest Group on
Humanitarian Technology

IEEE STEM

STEM stand on Science, Technology, Engineering and Mathematics. <https://transmitter.ieee.org/category/stem/>

Education in these fields is critical to our future, drives innovation and progress.

Learn what inspires today's leading technologists, how they are fostering STEM engagement and where it is headed.



<https://tryengineering.org/volunteer-stem-portal/stem-portal-grant/>

IEEE Student Project Grant

The IEEE Foundation invites grant applications exclusively from IEEE organizational units for projects that address the pre-defined theme identified by the IEEE Foundation for each year.

The IEEE Lasers & Electro-Optics Society

The IEEE Canadian Foundation

Darrel Chong Student Activity Award

Graduate Student Research Grants from Computation Intelligence Society (CIS scholarship varies **from \$1,000 to \$4,000)**

IEEE SIGHT Project Grant



- Food Security
- Infection Control Devices
- Information and Communications Technology (ICT)
- Medical Devices
- Personal Protective Equipment (PPE)
- Sustainable Power Sources
- Water, Sanitation, and Hygiene
- Other issues of pressing community need

Maximum funds US \$5000 per project proposal

<https://hac.ieee.org/funding-opportunities/covid-19-projects/>

IEEE Member-Get-A-Member (MGM) Referral Program

Professional members can earn:

- US\$15 for each Professional member recruited
- The maximum amount a member can earn during the membership year is a credit award of US\$90.

Student members can earn:

- US\$2 for each Student or Graduate Student member recruited
- US\$15 for each Professional member recruited
- The maximum amount a member can earn during the membership year is a credit award of US\$90.

Free IEEE Sister Societies Membership

Free first-year IAS, PES, PELS Membership for Active IEEE (both higher grade and student grade) Members:

For IAS (\$13)

Promotion Code: **IASLRP**

For PES (\$10)

Promotion Code: **19PESSTNWF**

For PELS (\$10)

Promotion Code: **PELSEDUE**

Free Membership

IEEE SIGHT

IEEE WiE

Conclusion: IEEE Return of Investment

Free Sister Societies Membership (\$23)

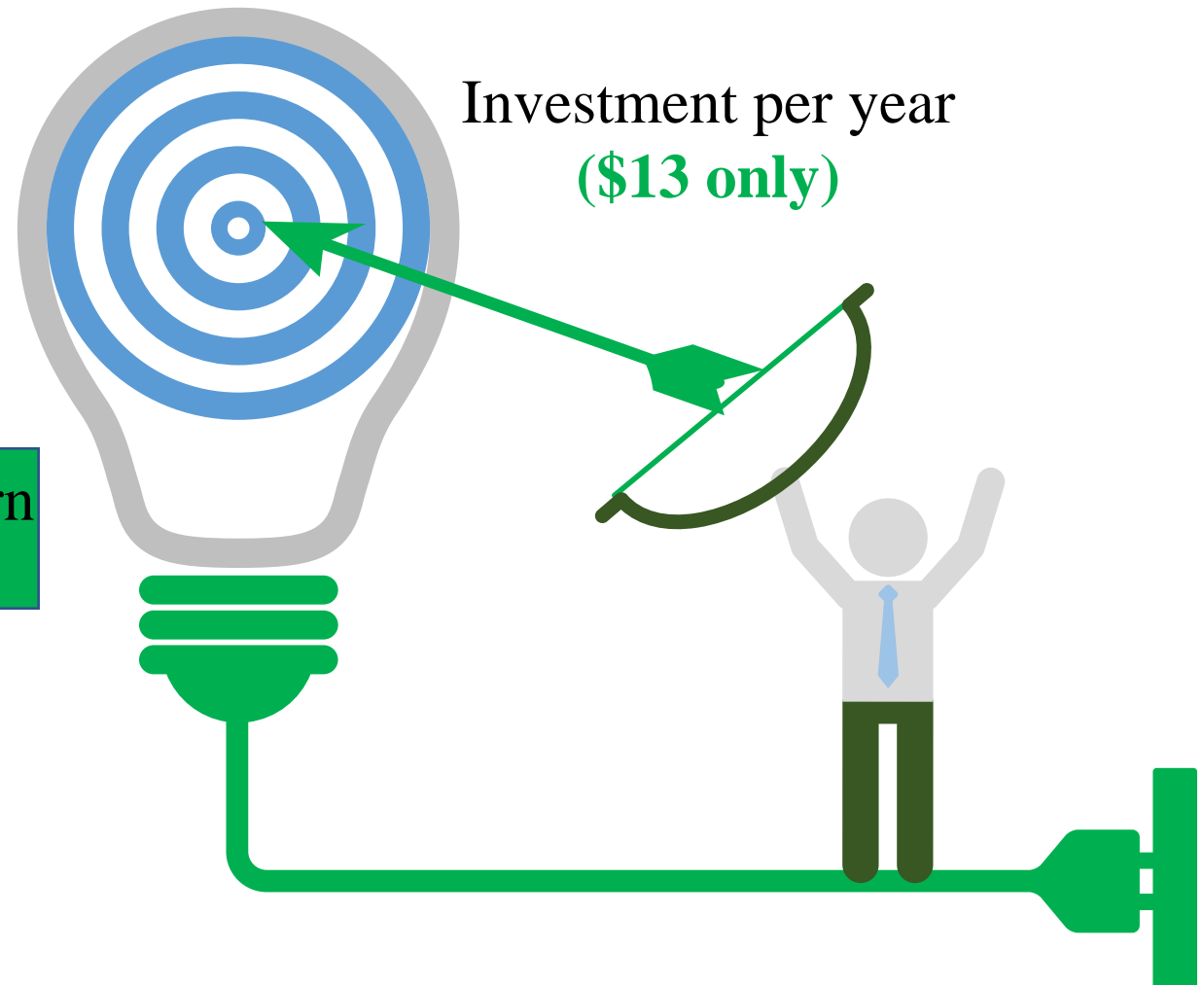
Travel Grants

Scholarships

Professional Networking

Career Opportunities

You will get a return annually





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You make a difference when you join IEEE

www.ieee.org





Thank you so much for your attentions
Q & A

