How IEEE Helps The Students In Reshaping Careers

Professor Saifur Rahman
Director, Virginia Tech Advanced Research Inst., USA
President, IEEE Power & Energy Society, 2018-2019

North South University, Dhaka, 08 August, 2021
**A 2020 Snapshot**

**IEEE Xplore® Digital Library**

**5,000,000+**
Total Documents

**192,262,982** Total Usage*

**222,035**
New Conference Articles

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**396,007**
Total Members
Top 5 Countries for Members

- United States: 160,298
- India: 45,353
- China: 30,106
- Canada: 15,106
- Japan: 13,798

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**107,618**
Student Members
Top 5 Countries for Student Members

- India: 29,244
- United States: 20,756
- China: 12,243
- Canada: 3,138
- Tunisia: 2,915

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**Ten Regions Worldwide**

**86,052**
New Journal and Magazine Articles

**138**
Standards Approved for Publication

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**1,611**
IEEE Sponsored Conferences
in 96 Countries

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**465,000+**
Conference Attendees
Virtual and In-Person
10 Regions of IEEE

Advancing Industry/Government Participation Globally
IEEE Industry MoUs

Signing Ceremony of MoU between SGCC and IEEE

Virginia Tech Advanced Research Institute

Meeting with IEEE Students
IEEE’s Focus on Diversity

Diversification
- Geographical
- Cultural
- Gender

PES Women in Power Program

Fostering a more diverse leadership by supporting the career advancement, networking and education of women in the energy industry.
A Typical Women in Power Event

Participation in a Women in Power Event
Mentoring Young Professionals

Helping young professionals evaluate their career goals, polish their professional image, and create the building blocks of a lifelong and diverse professional network

Over 4,000 PES Young Professionals worldwide, and growing!

Brings together various IEEE’s technical societies and organizations to advance the state of the art for smart city technologies for the benefit of society

Serves as a neutral broker of information amongst industry, academic, and government stakeholders.

- Smart Buildings
- Smart Living
- Smart Transportation
- Smart Energy
- Smart Communications
- Smart Networks
- Self-Aware Digital Hub
- Environmental Awareness

Examples where students and YPs can get involved
IEEE Smart Village Approach

Seeds local energy entrepreneurs ability to create lasting enterprises that provides sustainable power, education, and economic development.

Three Pillars Together Support...

- Electricity
- Education
- Enterprise

Generational impact in the community

Differentiating Approach

Fundamental Enabling Technology

Empowerment

All over the world, around one billion people in villages lack access to electricity, education and employment with the result that they are stuck living in poverty and barely surviving.

Enter IEEE Smart Village: we are working to bring sustainable electricity, education and employment to everyone as soon as possible.
INTRODUCING TECHNOLOGY

- Enables light after sunset thanks to smart, renewable, technology like solar micro-grids
- Illuminates kitchens, schools and clinics, while eliminating harmful fossil fuels
- Lets communities live cleaner, safer, and more prosperous lives
- Stimulates local commerce and builds new enterprise

EXPANDING EDUCATION

- Creating a network of engineers, entrepreneurs, and practitioners
- Facilitating ongoing learning and mentorship for continued success
- Innovative Global Classroom helps people around the world access the internet and educational resources
IEEE Smart Village Success Story
Green Village Electricity, Nigeria

IEEE Smart Village Success Story
Global Himalayan Expedition, India
IEEE Smart Village Success Story
Global Himalayan Expedition, India -

Lingshed Monastery – Ladakh Region, Indian Himalayas – Elevation 12,000 feet.
Founded 1440 Illuminated with IEEE Smart Village 2016
Global Himalayan Expedition

Thank You!
How IEEE Can Help with the Start-up Environment

**My Pledge as the Candidate for IEEE President-elect**

- Work with local Startup Incubators to harness Entrepreneurial potentials.
- Incubate Innovation Centers to nurture Maker competencies.
- Develop IEEE Startup Shows to highlight regional/local innovations.
- Intellectual Property Rights awareness training
- Develop an IEEE IPR Skills Development framework
Thank You

Prof. Saifur Rahman (s.rahman@ieee.org)

www.srahman.org

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16 August to 01 October 2021

OUR GLOBAL PROGRAM PARTNERS

Green = Seed-Funded Projects  Yellow = Pending/Future Project