Content

About IEEE

The IEEE (Institute of Electrical and Electronics Engineers) describes itself as "the world's largest technical professional society -- promoting the development and application of electro-technology and allied sciences for the benefit of humanity, the advancement of the profession, and the well-being of our members."

The organization publishes a number of journals, has many local chapters, and several large societies in special areas. Some of them are given below:

IEEE Aerospace and Electronic Systems Society

IEEE Antennas and Propagation Society

IEEE Broadcast Technology Society

IEEE Circuits and Systems Society

IEEE Communications Society

IEEE Computational Intelligence Society

IEEE Computer Society

IEEE Consumer Electronics Society

IEEE Control Systems Society

IEEE Dielectrics and Electrical Insulation Society

IEEE Education Society

IEEE Electromagnetic Compatibility Society

IEEE Electron Devices Society

IEEE Electronics Packaging Society

IEEE Engineering in Medicine and Biology Society

IEEE Geoscience and Remote Sensing Society

IEEE Industrial Electronics Society

IEEE Industry Applications Society

IEEE Information Theory Society

IEEE Instrumentation and Measurement Society

IEEE Intelligent Transportation Systems Society

IEEE Magnetics Society

IEEE Microwave Theory and Techniques Society

IEEE Nuclear and Plasma Sciences Society

IEEE Oceanic Engineering Society

IEEE Photonics Society

IEEE Power Electronics Society

IEEE Power & Energy Society

IEEE Product Safety Engineering Society

IEEE Professional Communication Society

IEEE Reliability Society

IEEE Robotics and Automation Society

IEEE Signal Processing Society

IEEE Society on Social Implications of Technology

IEEE Solid-State Circuits Society

IEEE Systems, Man, and Cybernetics Society

IEEE Technology and Engineering Management Society

IEEE Ultrasonic, Ferroelectrics, and Frequency Control Society

IEEE Vehicular Technology Society

**NOTE:** We can provide simply name them and add hover with an introduction of 1-2 line

link: http://www.ieee.org/membership\_services/membership/societies/index.html

ABOUT IEEE STANDARDS

The **Institute of Electrical and Electronics Engineers Standards Association** (**IEEE-SA**) is an organization within [IEEE](https://en.wikipedia.org/wiki/IEEE) that develops global [standards](https://en.wikipedia.org/wiki/Technical_standard) in a broad range of industries, including: [power](https://en.wikipedia.org/wiki/Electrical_power) and [energy](https://en.wikipedia.org/wiki/Energy_development), [biomedical](https://en.wikipedia.org/wiki/Medical_research) and [health care](https://en.wikipedia.org/wiki/Health_care), [information technology](https://en.wikipedia.org/wiki/Information_technology) and [robotics](https://en.wikipedia.org/wiki/Robotics), [telecommunication](https://en.wikipedia.org/wiki/Telecommunication) and [home automation](https://en.wikipedia.org/wiki/Home_automation), [transportation](https://en.wikipedia.org/wiki/Transportation), [nanotechnology](https://en.wikipedia.org/wiki/Nanotechnology), [information assurance](https://en.wikipedia.org/wiki/Information_assurance), and many more.

IEEE-SA has developed standards for over a century, through a program that offers balance, openness, [fair procedures](https://en.wikipedia.org/wiki/Fair_procedure), and [consensus](https://en.wikipedia.org/wiki/Consensus). Technical experts from all over the world participate in the development of [IEEE](https://en.wikipedia.org/wiki/IEEE) standards.

IEEE-SA is not a body formally authorized by any government, but rather a community. ISO, IEC and ITU are recognized international standards organizations. ISO members are national standards bodies such as American ANSI, German DIN or Japanese JISC. IEC members are so called National Committees, some of which are hosted by national standards bodies. These are not identical to ISO members. Both IEC and ISO develop International Standards that are consensus-based and follow the "one country one vote principle", representing broad industry needs. Their standards cannot be sponsored by individual companies or organizations.

ABOUT IEEE- DIT STUDENT BRANCH

The IEEE student branch was founded in 2007 and aims to foster technological innovation and excellence for the benefit of humanity.

IEEE DIT, the oldest student branch in DIT is devoted to its aim of instilling scientific temperament in the student community through a plethora of activities around the year. It boasts of one the largest number of student members.