

Critical Thinking Requirement:

The Institute of Electrical and Electronics Engineers (IEEE) is a non-profit organization dedicated to electronic and electrical engineering, with headquarters in New York City and a regional office in Piscataway, New Jersey.

The American Institute of Electrical Engineers, which preceded the IEEE, was founded in 1884. The Institute of Radio Engineers, a competitor organization, was founded in 1912. Even though the AIEE was initially larger, the IRE drew more students and grew by the mid-1950s. In 1963, the AIEE and the IRE amalgamated.

The IEEE headquarters are located at 3 Park Avenue in New York City; however, most of the activity is conducted in the IEEE Operations Center in Piscataway, NJ, which was first occupied in 1975.

IEEE publishes about 200 peer-reviewed journals and magazines, accounting for roughly 30% of the world's literature in electrical and electronics engineering and computer science. Every year, the IEEE publishes more than 1,200 conference proceedings.

The IEEE Electronic Library (IEL), which is accessible via the IEEE Xplore platform, contains content from these publications as well as content from several hundred yearly conferences sponsored by the IEEE. It is available for subscription-based access and individual publication purchases.

Reference

Some IEEE services are being upgraded. Services Update. (n.d.). Retrieved April 11, 2022, from <https://www.ieee.org/>

IEEE Computer Society. (n.d.). Retrieved April 11, 2022, from <https://www.computer.org/>