



About IEEE

IEEE is the world's largest professional association dedicated to advancing technological innovation and excellence for the benefit of humanity. IEEE and its members inspire a global community through IEEE's highly cited publications, conferences, technology standards and professional and educational activities.

Mission

IEEE's core purpose is to foster technological innovation and excellence for the benefit of humanity.

Vision

IEEE is essential to the global technical community and to technical professionals everywhere, and is universally recognized for the contributions of technology and of technical professionals in improving global conditions.

History of IEEE

IEEE, an association dedicated to advancing innovation and technological excellence for the benefit of humanity, is the world's largest technical professional society. It is designed to serve professionals involved in all aspects of the electrical, electronic and computing fields and related areas of science and technology that are fundamental to modern civilization. IEEE's roots, however, go back to 1884 when electricity was just beginning to emerge as a major force in society. There was one major established electrical industry, the telegraph, which, beginning in the 1840s, had come to connect the world with a communications system faster than the speed of transportation. A second major area had only barely gotten underway—electric power and light,

originating with Thomas Edison's inventions and his pioneering Pearl Street Station in New York.

Over the decades that followed, with IEEE's continued leadership, the societal roles of technologies under its aegis continued to spread across the world and reach into more and more areas of people's lives. The professional groups and technical boards of predecessor institutions evolved into IEEE Societies. By the early 21st Century, IEEE served its members and their interests with 38 societies, 130 journals, transactions and magazines, more than 300 conferences annually and 900 active standards. Since that time, computers evolved from massive mainframes to desktop appliances to portable devices to every part of the global network, connected first by satellites and then by fiber optics. IEEE's fields of interest expanded well beyond electrical/electronic engineering and computing, into areas such as micro and nanotechnology, ultrasonics, bioengineering, robotics, electronic materials and many others. Electronics became ubiquitous—from jet cockpits to industrial robots to medical imaging. As technologies and the industries that developed them increasingly transcended national boundaries, IEEE kept pace, becoming a truly global institution which used the innovations of the practitioners it represented in order to enhance its own excellence in delivering products and services to members, industries, and the public at large. Publications and educational programs were delivered online, as were member services such as renewal and elections. By 2010, IEEE had over 395,000 members in 160 countries. Through its worldwide network of geographical units, publications, web services and conferences, IEEE remains the world's largest technical professional association.

IEEE@AVIT

The IEEE Student Branch in AVIT started in the Year 2005 and the chapter has a very good member strength of teaching faculty and students.

The student chapter has been conducting technical lectures and inter-collegiate technical competitions and arranges in-plant training to students. The student chapter has also been offered projects from industries. Apart from activities at the campus, the members also participate

actively in expert lectures, training courses and workshops organized by the society. The chapter sponsors its students and faculty members to participate in workshops and courses organized by the society from time to time.

Based on the various activities conducted by the IEEE Student Branch of AVIT, the IEEE Madras Section recognized and awarded to it, the “Best Chapter Award” in the year 2009-10.



Dr. N. R. Alamelu, Principal, AVIT receiving the IEEE Best Chapter Award for the year 2009-2010