

Electrical Engineering

- A Challenging Profession in Hong Kong



The Hong Kong Institution of Engineers - Electrical Division
Electrical Division of the Hong Kong Institution of Engineers (HKIE) performs the function of the HKIE as a learned society in the electrical discipline. The Electrical Division is one of the largest Divisions of HKIE, with more than 3,000 members.

Mission

- To promote the advancement of electrical engineering and to facilitate the exchange of information and ideas in Hong Kong.
- To provide a broad range of services to members, to assist them in developing in their career by improving their capabilities as engineers and to play their full part in contributing to society in Hong Kong.
- To raise the standing and visibility of the profession and to maintain a high standard of professional conduct in Hong Kong.

Electrical Division organizes regular activities for members to exchange views and ideas, and to share experience. These activities include technical talks, seminars, annual symposium, local visits as well as Mainland and overseas technical visits. The Electrical Division also actively supports the International Conference on Electrical Engineering which is held in turn in the Mainland, Japan, Korea and Hong Kong.

In order to stimulate the awareness of students of the contributions of electrical engineering to the prosperity of our society, the Division had co-operated with the Education Department and with sponsorship from the power utilities to organize a 'School Project Competition in Electrical Science' starting from 1992. Apart from organizing functions for the Electrical Division, the Committee Members at the same time serve the community through attending different boards and panels of the HKIE and Government.

Membership

There are Corporate Members (i.e. Fellow and Member) and

other membership classes (i.e. Companion, Associate, Graduate, Student and Affiliate) in the Institution.

Electrical engineering offers a wide range of exciting opportunities to those looking for a fulfilling, challenging and professional career. Electrical engineers work in various sectors of our community. These include the power supply industry, the transportation industry, the building industry, the manufacturing industry, the construction industry, consultancy services, technology development, education services as well as government.

Today, Hong Kong is heading towards being a world financial centre, a transportation hub of Asia or a tourist city of the orient. All kinds of advanced super-structures and facilities, such as public transportation systems, culture facilities, modern hospitals, waste handling plants for sewage and refuse, etc. are needed to support it. Electrical engineers have key roles in design, operation and maintenance in various building and infrastructure projects. As electrical engineers, we are proud to be able to contribute towards making Hong Kong a world class city.

With rapid growth of the engineering industry in the Mainland, the inputs from Hong Kong engineers are required. It is known that "engineering" is defined as a practical application of scientific knowledge in accomplishing a task. Most of the Hong Kong engineers have received training in different parts of the world. As Hong Kong engineers, we can help bringing in the scientific knowledge from abroad to the Mainland. We can help to introduce modern technologies and apply know-how of cross engineering disciplines. There is a need for Hong Kong engineers in Mainland.

For further information about Electrical Division, The Hong Kong Institution of Engineers, please visit our website at www.HKIE-Electrical.com