

e. Educational philosophy

<https://see.hust.edu.vn/gioi-thieu-chung>

Welcome to the School of Electrical Engineering (SEE) – Hanoi University of Science and Technology (HUST). SEE is one of the first established schools of HUST. For 60 years since establishment, many generations of our lecturers, students, and alumni have significantly contributed to the development of the nation.

Currently, SEE has more than 135 Lecturers (2 Professors, 14 Associate Professors, 50 PhDs, 56 M.Sc.s) who are well-known researchers in several fields, namely Electric Machine, Industrial Automation, Measurement and Industrial Communication, Control Theory and Applications, Process Control, Control of Multi-Agent Systems, Digital Control and Embedded Control Systems, Power Systems, Renewable Energy etc.,

School of Electrical Engineering has Laboratories which are equipped with modern equipment and systems for practicing and experimental activities, meeting the demand of education and training in the field of Electrical Engineering and Automation, from basic to advanced levels. Besides training program for undergraduate and postgraduate students, SEE also offer several training programs for industrial enterprises. The close connection between SEE and its industrial partners, both domestic and international, is a crucial factor for the knowledge and technology transfer, support of teaching and research facilities, as well as for feedback and development of the program curricula.

SEE identifies the scientific research and technology transfer as indispensable parts of its activity. Our academic staffs lead research projects of different funding sources (MOET, MOST, Nafosted). The number of domestic and international publications, authored by our researchers, have increased significantly in recent years.

Throughout our history, SEE has the privilege to work with a lot of generations of excellent students, who are passionate about scientific research and have participated in research projects with their supervisors. As a result, several publications have been made, many technology transfers have been realized. These generations of alumni, who show their knowledge, skills, and vision in whatever field they work in, have made up the prestige name of SEE-HUST.

Nowadays, the rapid development in technologies has created significant challenges for the design and development of training programs. In the workplace of the 21st century, workers must have specialized professional skills, as well as multidisciplinary knowledge, to be able to work in the international environment. SEE lecturers and staff are committed to maintaining the quality of training programs, and our position in the domestic and international rankings.

Vision: To maintain the leading position in Vietnam in the field of Electrical Engineering at the regional level; to provide high-quality workforces for domestic and international enterprises; to be a reliable and prestigious place for research and technology transfer in the field of Electrical Engineering, Control Engineering and Automation.

The educational philosophy of SEE is “Study in parallel with Practice”. Theoretical lectures are in conjunction with experimental/exercise activities. The Learner-Centered approach is adopted. The students are introduced to the program learning outcomes, course objectives, and are encouraged to participate in research activities of SEE, as well as to practice the real working environment.

THE DEAN OF SCHOOL OF ELECTRICAL ENGINEERING