The School of Electrical & Electronic Engineering has made steady progress in the past two decades towards cultivating a research intensive environment. In line with our commitment to achieve excellence in research, we continue to build upon our considerable research infrastructure to maintain a stimulating environment where faculty, staff and students can carry out high quality research. This is evident in the 2005 Research Report. The School research infrastructure and support continue to expand, and partnerships with industry and other institutions have grown apace. Partnerships are important for they provide the crucial link between academia and the real world. They ensure that our research is aligned with the rapid changes in industry. They also allow synergies with partners in industry to be exploited for mutual benefit.

The Research Report 2005 describes some of the important achievements by staff and students in the seven Divisions of the School. Some of the work are multidisciplinary in nature and hence, are the fruits of the collaboration with other research centers in the university, research institutions and industry partners. By inviting participation from other Schools and external organizations and drawing upon multiple expertise, a healthy and fruitful research environment is created under which our staff and students can explore, expand and create greater impact in their respective fields of specialization.

To date, the School has attracted some $316 mil of research funding (cumulative), of which some 62% is from external sources. In terms of research manpower, there are 650 graduate students, 170 research staff engaging into various aspect of EEE research. This has culminated in 1572 research papers, of which 928 were published in refereed journals, and 644 in international conferences.

A noteworthy development has been the recent announcement of increased funding for Research & Development as recommended by the governmental high-level task force last year. With the massive infusion of funds into A*STAR, MOE and the National Research Foundation, the opportunity to elevate our research output and impact to a higher level has never been better. We will move quickly to review our research thrusts, identify emerging trends and rework our strategies. We will identify niches where we have considerable strengths and build upon them to move ahead in the competition. We will endeavour to work more closely with one another to synergise our efforts and leverage on our greatest asset – the large talent pool of faculty and researchers.

I am extremely proud of the sterling performance of staff and students of the School in the past year. I hope, with the continued support from the University, we will continue to progress and reach greater heights in our research endeavours and secure our position as a premier institution in Electrical and Electronic Engineering.

Professor Kam Chan Hin
Dean