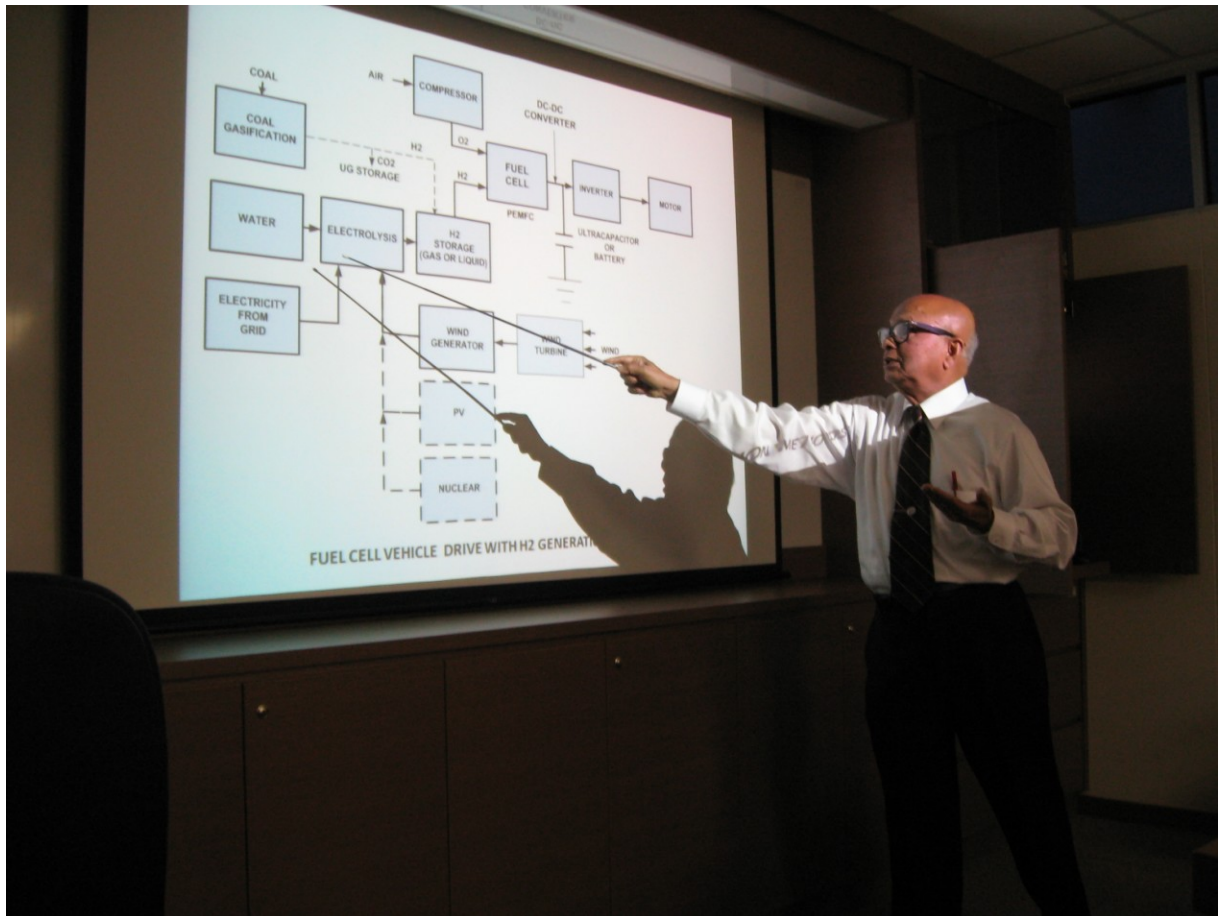


### **Distinguished Lecture by Professor Bose in Singapore**

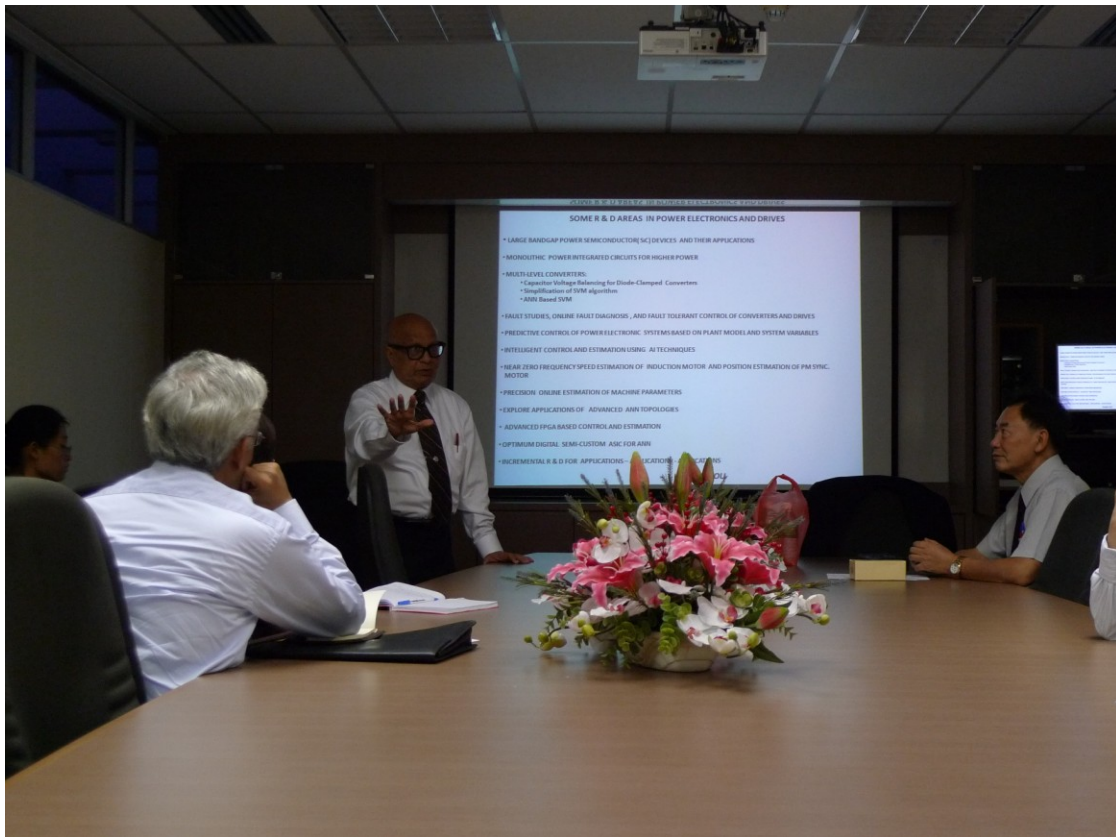
The Industrial Electronics (IE) Chapter invited Professor Bimal K. Bose, Condra Chair of Excellence (Endowed Chair) in Power Electronics of the University of Tennessee and Life Fellow of IEEE, to give a distinguished lecture on “TECHNOLOGY ADVANCES AND TRENDS IN POWER ELECTRONICS”. The lecture was held in the School of Electrical and Electronic Engineering, Nanyang Technological University in Singapore on 3 December 2009.

Professor Bose started his lecture by explaining why power electronics is so important today, and its important role in energy saving by illustrating specific examples. Then, he briefly gave modern perspective of wind energy, photovoltaic energy, fuel cells and electric/hybrid vehicles which are intensive in power electronics. He continued to briefly review the technology status of power electronics and motor drives with example applications, followed by discussing the advances and technology trends of power semiconductor devices, converter circuits, machines and motor drives. Finally, he gave a conclusion and outlined future perspective of the technology of power electronics. After his technical lecture, Professor Bose also gave an informal interactive discussion on HOW TO BECOME IEEE FELLOW.

About 30 people from universities, polytechnics, research institutes and industry attended the lecture. They had lively discussions with Professor Bose after his lecture.



Prof Bose delivering his lecture



Prof Bose answering questions



Prof Bose with office bearers of IEEE Singapore Section and some attendees after his lecture