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The ideal engineer :What industry is looking for

These are difficult times in which we have full of challenging issues with regard to the recovery from Great East Japan Earthquake and proactive measures against disaster, fluctuations of foreign exchange rates and the uncertain outlook of global economy, the share of natural resources, etc. The business world may be experiencing an ongoing advancement of globalization, but precisely amid this period of change, industry is in strong need of highly creative engineers to lead the next generation, and has great interests and expectations in engineering & science education in universities.

This presentation will introduce various aspects of Mitsubishi Electric's business activities and case examples of partnership with universities. Mitsubishi Electric engages in a broad range of businesses, from home appliances to space systems, including social infrastructure business, but foremost important to supporting these businesses is to make full use of the synergy between basic/core and advanced technical capabilities, and to create an environment conducive to innovation. Based on this understanding, I will introduce case examples of Mitsubishi Electric's approach to open innovation and R&D initiatives, as well as case examples of joint researches and internship programs implemented in collaboration with universities. Then I will talk about our, industry people's, expectations toward engineering & science education in universities and the ideal engineers whom industry is looking for.

In the future, we wish to create even more opportunities for global collaboration with universities, then we hope that they will lead to the substantive results or solutions in our societies.