

Intel China Embedded University Program Overview

Jolly Wang

Intel China Higher Education Manager

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Background

- Intel' s long-term commitment to cultivate innovative talents, support faculties and accelerate the higher education reform in China.
- Huge market opportunities, increasing talents needs on embedded technologies in China and increasing embedded design/app capability from academia to industry
- Chinese government is continuously driving academic innovation and supporting student talents development.
- With the rapid development of the embedded technology, embedded curriculum reform becomes a critical and hot topic for both industry and universities.

Key Objectives

To empower
students

To support
faculties

To accelerate
innovation

“Intel will continue to support the growth of the younger generation from China and global by improving the quality of education and providing more educational opportunities.” –*Paul Otellini , President and Chief Executive Officer (CEO) of Intel*



Key Programs



Curriculum Development: Joint labs set up/upgrade, HW/SW donation, Training workshops, Textbook, model curriculum, Online



Joint Innovation Development Projects: The Ministry of Education(MOE)-Intel joint research project, special innovation R&D joint projects



Student Projects: Intel Cup Embedded System Design Contest(ESDC), Internship, Mentorship, Fellowship, Campus lectures etc.



Faculty Projects: Visiting scholars, WW and local academic forum, Academic workshop, Faculty online training etc.



Industry and Academia Collaboration: Platform developing, R&D project industrialization.

Contributions

- Fabulous and fruitful collaboration between Intel and the universities in past 10 years!
- Strong government support from Ministry of Education(MOE), in many remarkable programs like MOE-Intel Model curriculum development, MOE-Intel joint internship Base, etc.
- 100 Universities engaged by 2011 and ~25000 students enrolled in the upgraded embedded curriculum program.
- The MOE-Intel Joint research projects (eg. the 2012 Smart Home Project with Xiamen University) have proven to be a good stimulation to both industry and academic innovation.
- Great success in talents cultivation: The 2012 Intel Cup Embedded System Design Contest (ESDC) reached its 10 years' key milestone. It attracted 160 teams from 76 institutions of 12 countries and regions, including Mainland China, Hong Kong, Singapore, Malaysia, India, Mexico, Costa Rica, Argentina, Brazil, the United States, and Russia, including 15 teams from 12 universities of 11 oversea countries and regions participated.
- Sponsorship and support to kinds of well known academic forum such like National Conference of Embedded System and Technology 2012 (CCF ESTC 2012), CS deans forum etc
- Great communication platform set up: Intel WW embedded education summit, Intel SINO-US embedded academic forum, Intel Asia Academic Forum, Intel China Academic Forum, Intel Embedded Curriculum workshop, and Intel Embedded technology on-line training programs etc.

Thank You!