

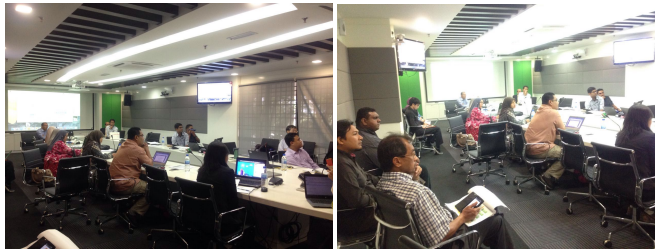
# 3D (Demand Driven Development) Program



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### Industry-Academia Collaboration (IAC) for the E&E Sector-IC Design Cluster leading by CEDEC, USM

Talent Corporation Malaysia has appointed CEDEC, USM as a Manager for 3D Programme for the period of two years starts from 2016. 3D stands for Demand, Driven and Development aims to expedite all participation universities to raise the level of excellence in higher education focusing in the area of IC design. Therefore, one of the objectives of this programme is to build a network of universities that capable of producing Intellectual Property(s) for System on Chip (SoC) and IC Design that creates the funnel of industry ready graduates for the IC Design Cluster.



The network incorporates 9 universities in total with 25 students working together for this 3D program. The 9 universities are Universiti Sains Malaysia (USM), Universiti Malaya (UM), Universiti teknologi MARA (UITM), Universiti Teknologi Malaysia(UTM), Universiti kebangsaan Malaysia (UKM),Universiti Tun Hussein Onn Malaysia (UTHM), Universiti Teknikal Malaysia Melaka(UTEM), Universiti Putra Malaysia(UPM) and Universiti Malaysia Perlis (UniMap). Collaboration and concerted effort between universities and well known industries as Intel/Altera as well as Silterra is targeted to ensure this programme contribute successfully and mutually beneficial to both the institution and industry in strengthening research area. In ensuring that the above approach will be implemented successfully over the next 2 years, four outcomes have been identified such as IP repository, Infrastructure, Curriculum and Talent. CEDEC, USM firmly believes that the implementation of this programme will produce talents that successfully able to prepare themselves for the industry ready IC designers as well as becoming assertive in moving towards sustainability through vital research activity.

