# Department of Electronics and Communication Engineering- SRM University Cooperates with Nuvoton Technology Corporation Taiwan in Academic Program

Chennai, 2013/06/15 - Department of Electronics and Communication Engineering, SRM University (ECE-SRMU) formed a partnership with Nuvoton Technology Corporation (NTC), Taiwan, chip design company, who is interested to partner in 'Academic Program'. In which Nuvoton donate and provide microcontroller NuMicro ARM Cortex™-M0 NUC 140 learning boards, document, facility for the class for research based on microcontroller ARM Cortex™-M0. Nuvoton has already donated two units of NuMicro ARM Cortex™-M0 microcontroller learning boards for pre study. As the follow up, Nuvoton will donate a few more units of learning boards. This program will provide microprocessor and embedded systems courses teaching platform for ECE-SRMU students, lecturers, and professors. The purpose of this program is to provide knowledge and understanding to students about the latest microcontroller technology 32-bit ARM Cortex™-M0. It is expected in this program also happens transfer of information and technology between the industry and academia mutual beneficial between the two sides and also realized the technology transfer between the two countries, India and Taiwan.
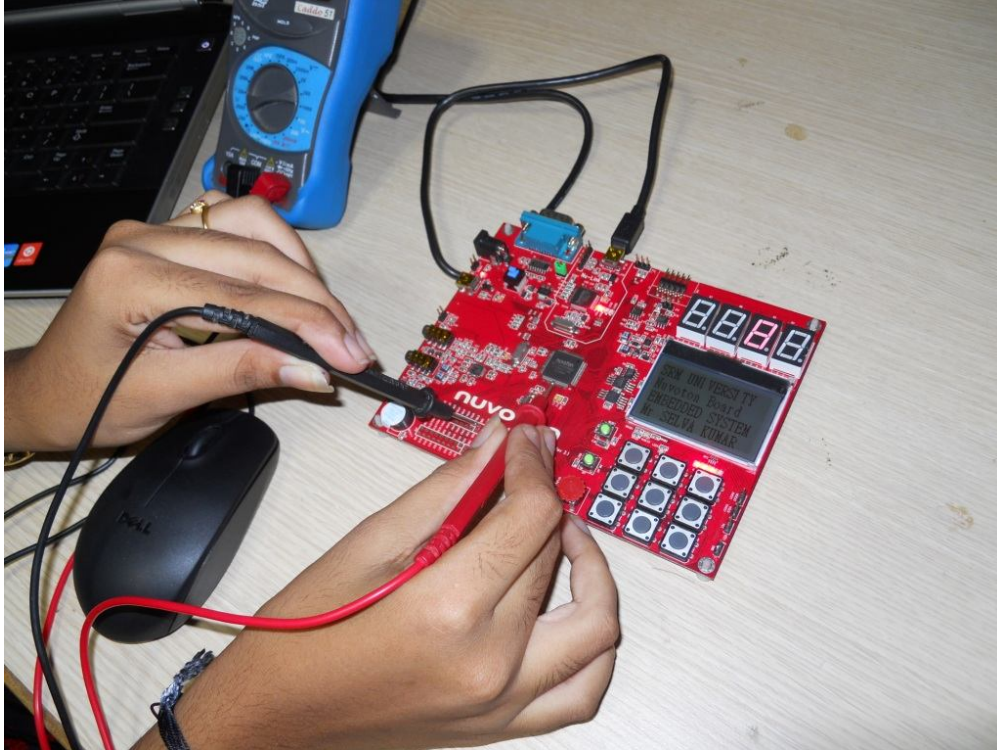

The plan of Nuvoton's academic program is mainly to provide training to students for the mainstream products in next 1~2 decade, it may also have chance to extend it to projects or software development in next step. This program will begun in July 2013 and Nuvoton will visit ECE department in SRMU soon for meeting and discussion regarding academic program plan and evaluation.
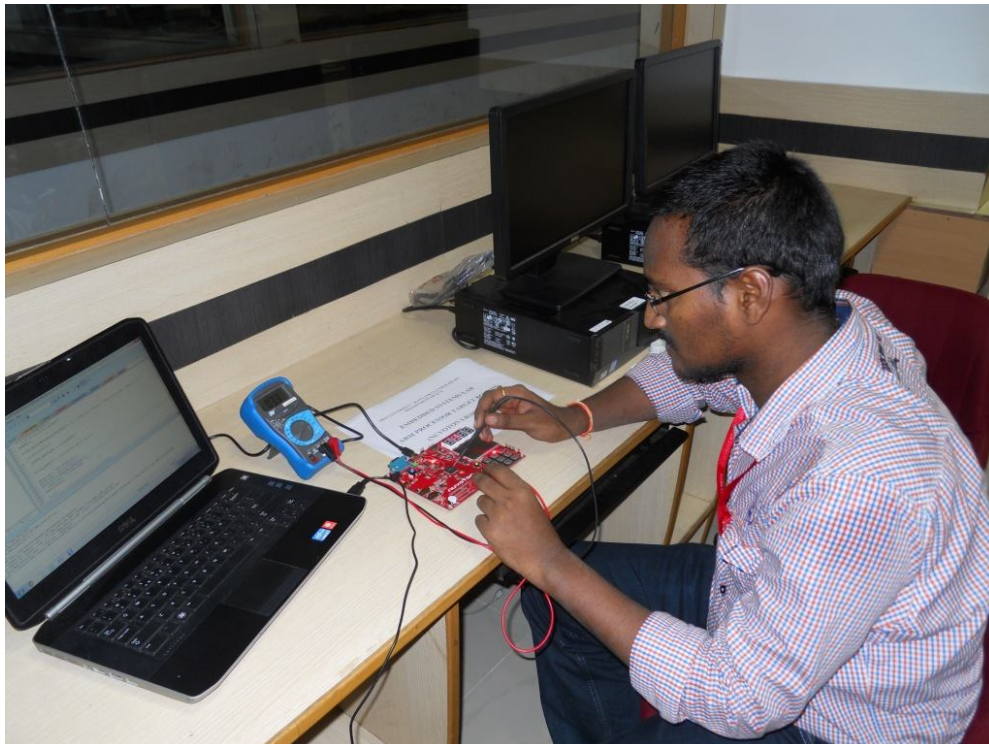
NuMicro ARM Cortex M0 NUC 140 Learning Board
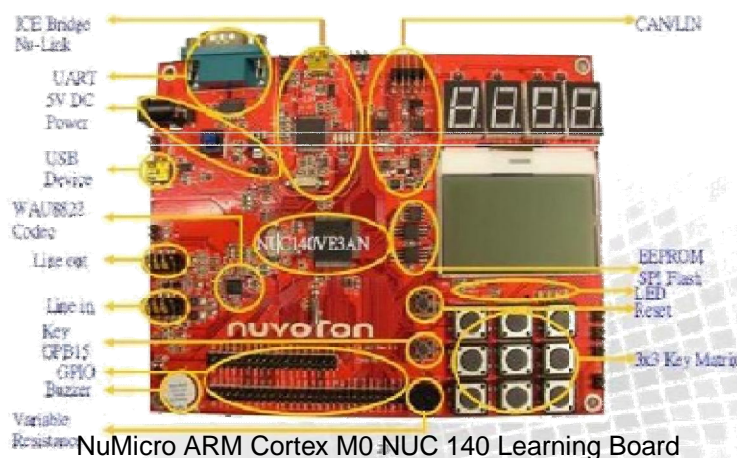
Nuvoton NuMicro ARM Cortex™-M0 single chip microprocessor learning board provide ECE-SRMU on the upgrading to 32-bit MCU level, and also help on the embedded system application development research program. NuMicro ARM Cortex™-M0 microprocessor platform for teaching use, and provides free software environment, drivers, and source code examples.

Microprocessor in the next 20 years, is still widely used in mainstream architecture, and hope that through the course of ECE-SRMU students, they will be able to catch up the industrial technology, standards synchronization industry cultivating for more competitive talents. In the future, ECE-SRMU and Nuvoton will have a further technical education, training, and research cooperation.

The 32-bit ARM Cortex™-M0 microprocessor are significantly improved in computing speed and application performance, commonly used in car electronics, such as: audio, window controls, navigation system, and so on, through the internet and vehicle electronic communication, to expand the surrounding function. Nuvoton Academic Program also want to take the industry's latest embedded platform ARM Cortex™-M0, not only to learn the basic control theory and implementation, but also allows students to learn the basic tools and production processes need to electronics engineers, due to the course content information and examples of both practicality, helps students thematic studies and significantly enhance future employability. In the future, Nuvoton will continue to support the microcontroller-based research conducted by ECE-SRMU.

http://www.srmuniv.ac.in/engineering/department-of-electronics-communication-engineering/about-the-department

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