

DTU Students Win a Consolation Prize in the 2013 TI MCU Design Contest

Surpassing several stronger teams, including the Danang University of Technology and Hue University, the Duy Tan University EVT team won a consolation prize in the Central Region qualifying round of the 2013 Viet Nam TI MCU Design Contest. The event took place at the Danang University of Technology on Thursday, October 3rd and was sponsored by the Texas Instruments Company of Vietnam, to stimulate innovation and the enrichment of MCU system design.

In the regional qualifying round, nineteen teams participated, including DTU-TI02 and DTU-EVT, sixteen from Danang University of Technology and one from the Hue University of Sciences. Every team consisted of 1-3 members and a lecturer advisor. Their presentation had to be made in English.

It is required to use TI MSP430 or Tiva ARM Cortex-M4F as the main processor. The students had to design their own hardware platform to implement certain functions. They were allowed to use Tiva ARM Cortex-M4F MCU if necessary.



Dr. Ha Duc Binh (on the left) and the DTU team at the contest

In terms of practical applications, the Smart Box, designed by DTU-EVT, was ranked number one. With simple materials operated by solar energy, the Smart Box can be mass-produced. In a humanitarian environment the Smart Box is designed for underprivileged children in remote areas. The Smart Box touched the hearts of the judges and won a consolation prize.

Ha Kim Tung, a DTU student said: *“At first, I felt a bit nervous as I’ve never taken part in the contest before. Under the guidance of our advisor and, after observing the presentation of the other teams, I presented our thesis confidently. The Smart Box was evaluated highly by the judges. I was so happy to take part in the contest which will be very useful in my studies”.*

Dr, Ha Dac Binh, from the DTU Center for Research and Development said: *“Most DTU contestants are second-year students, while their competitors are in their final year, with broad knowledge and experience. However, the practical skills, English proficiency and the competitive spirit of the DTU teams were as strong as the others. With their hard works, DTU won the consolation prize for at their first appearance in the contest”.*

With their experience in the 2013 TI MCU Contest, the DTU teams had the opportunity to broaden their knowledge, improve their English and gain more confidence for future achievements.

(Board of Website Editor)