

# These mini-cars raced their way to the finish line

Engineering students roll out their talent at The Freescale Cup India 2011

Staff Reporter

**BANGALORE:** Engineering students from across the country got an opportunity to put their skills to test when Freescale Semiconductor India, in association with the Centre For Electronic Design and Technology (CEDT) from the Indian Institute of Science (IISc.), organised a mini model racing car competition for them here on Monday.

The event saw 70 teams from 35 colleges, each team consisting of three students, competing in the preliminary rounds. The participants had to create microcontroller (MCU) programming that enables model cars to perform optimally under test conditions during the race. Freescale provided technical support as well as the model car kits and development tools required to build a model racing car based on Freescale MCU technology.

From the city, three teams from the B.M.S College of Engineering, and another three teams from the R.V. College of Engineering made it to the top 33 finalists (127 teams registered but only 70 teams participated).

## The winners

Amit Tank, Atul Jariwala and Vivek Kholia of HORS-BORDS team from the Sardar Vallabhai National Institute of Technology, Surat, won The Freescale Cup India 2011, covering the 30-metre track in 25.68 seconds, taking home a cash prize of Rs.1 lakh. Manipal University stood second with 30.59 seconds and won Rs. 50,000 and another team, Vishva, again from the Sardar Vallabhai National Institute of Technology, Surat, bagged the third slot, filling their kitty with a cash prize of Rs. 25,000.

They covered the track in 34.49 seconds. The fourth



**YOUTHFUL INNOVATION:** Intelligent cars assembled by engineering students wait in their respective parking lots prior to competing in the Freescale Cup India 2011 in Bangalore on Monday. — PHOTO: K. MURALI KUMAR

and sixth prizes (consolation prizes) were bagged by two teams from B.M.S College of Engineering, Bangalore, winning Rs.10,000 each.

## Three months

It took each team, on an average, about three months' time to prepare the modelled

miniature racing car. The participants were happy to apply their skills practically, and compete against fellow-engineers.

Sneha Joseph from Manipal University said, "It was difficult in the beginning. But we got a chance to apply almost all of the algorithms we

learnt in the classroom."

Speaking to *The Hindu*, Worldwide Director, Freescale University Programs, Andy Mastronardi, said that he found Indian engineering students very driven and passionate about their work, and hoped for a larger turnout next year.