

Hardware-software workshop



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The applications of ARDUINO and RASPBERRY PI – open-source prototyping platform based on easy-to-use hardware and software came up for a livelier discussion at a recent [workshop](#) in Guwahati. Over the years Arduino and Raspberry Pi have been the brain of thousands of projects, from everyday objects to complex scientific instruments.

Organized by department of electrical and electronics engineering, School of [Technology](#), Assam [Don Bosco](#) University, the [2-day workshop](#) on ARDUINO and RASPBERRY PI (WAR-2015) ended on Sunday.

Jesif Ahmed, Assistant Professor at [ADBU](#) EEE said, “A worldwide [community](#) of makers - students, hobbyists, artists, programmers, and professionals - has gathered around this open-source platform, their contributions have added up to an incredible amount of accessible knowledge that can be of great help to novices and experts alike.”

Assistant Professor Gitu [Das](#) conducted the first session explaining the basic procedures for working with ARDUINO. Later, he demonstrated about interfacing of LED, LCD, motors and other peripheral devices with ARDUINO.

The practical hands on exercises helped students implement their innovative ideas in this domain.

Assistant Professor Jyoti Kumar Barman illustrated the setting up of Raspberry Pi with laptop and with other peripherals. The [training](#) also included a series of practical sessions on controlling different appliances which gave exposure to various applications which could be easily performed using Raspberry Pi.

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BY CM PAUL

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