



GUJARAT TECHNOLOGICAL UNIVERSITY

Community Innovation & Co-Creation Centre

Report

On

Arduino Day

Organized on

22nd February 2015, Sunday (10:00 am - 5:00 pm)

at

CiC3

Community Innovation & Co-Creation Centre

Room No: 128, Gujarat Technological University, Ahmedabad Campus,

ACPC Building, LDCE Complex, Navrangpura, Ahmedabad

Report

Gujarat Technological University's Community Innovation Co-Creation Centre (C-i-C3) organized the "Arduino Day" on 22nd February 2015. Arduino is an open-source physical computing platform.

The aim of this workshop was to introduce the Arduino Board as well as the Arduino Community to students and to provide a Hands-on session on Arduino to the students.

The workshop began with a welcome address and introduction of CiC3 by Mihir Makwana.

Mr Meghav Verma (Co-Founder & Technical Head - Agile Systems Automation) was the Resource Person for the Arduino Day.

He gave introduction of different open source boards and briefed about open source community. The journey of Microprocessor and Microcontroller was explained to students with different examples of application and assembling of program of processor and controllers.

Mr Meghav introduced different components of Arduino. He demonstrated the Arduino software installation and described how the software works with the Arduino board.



The whole of the session was Hands-on practical where students were given Arduino boards and other hardware to perform practical.

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Experts taught basic Arduino programming and Modification of program, understanding of the digital & analog functions, and serial interface to students.

Student performed programming over the Arduino circuit for LED connection, interface of LDR sensor and interface of IR sensor.



Dr Mihir V Shah (VGEC) and Prof. Utkarsh Patel (SOCET) were present in the workshop to motivate students.

At the end of the workshop, Dr Mihir V Shah invited all students to join CiC3 lab to convert their innovative ideas into reality.

A Total of 70 students from 17 different Institutes of Gujarat participated in the workshop.

Feedback:

- It was great learning something new. I'm thankful to GTU for giving this opportunity. Thank you!!

-Heena Parmar,A.C.E.T.

- It was great experience of attending Arduino workshop. We really got basic idea about how we could able to play with this micro-controller board and feel confident that now we may use it, if required to build our projects.

-Zalak Bhavsar, GEC Modasa

- Arduino day workshop is very helpful for technical and non-technical students. In this workshop i learnt lots of thing. I want to attend every workshop organized by cic3.

-Jay Doshi, GEC BHAVNAGAR

- The workshop was very aptly planned. Very informative and motivating. As a computer engineer, I found the session very nicely put. Looking forward to attend any such workshop.

-Parag, National Institute of Design

- I feel very good after attending Arduino Day Workshop. It was nice experience with Arduino and CIC3 Team. Just one Suggestion: If possible then arrange workshop for same at next level of Arduino or in any other controller.so we can learn it at advance or industry point of view. Waiting to attend new workshop at CIC3.

-Parth Mehta, Parul Institute of Engineering and Technology

- It was my first experience regarding Arduino and my whole concept has developed due to attending this workshop. It was awesome experience of it.

-Devank patel, Silver Oak College of Engineering & Technology

- The workshop was a good one. The language of the trainer was easy to understand and I'm not left with any query. But I want you to arrange the second part of this workshop with more detailed programming & higher application level.

-Pavankumar M. Menghani, Valia Institute of Technology, Bharuch

- Workshop was very good. Teaching method was also excellent and all faculties support us very well at troubleshooting. Practical are more interesting than theories. So, i wish that this type of workshop would be arranged in future by cic3.

-Shahrukhkhan Pathan, L.D. College of Engineering