

ACTIVITY 3: Hands-on workshop to High School Students at Government P U College, Bailuru - Atal Tinkering Lab Mentoring: 09 to 11 October, 2018

The first day began with an introduction session wherein Dr. Vasudeva, HOD of CSE, gave a brief description about ATL to the students and also explained the importance and need of it so as to anticipate the minds of little toddlers to learn something new. Followed by the introduction was the lab session 1 which was conducted by Shreya Bhat and Shrikara of 5th sem CSE. Total of 50 students attended the session which was divided into 2 batches of 25 students each for the better learning process. The session included the concepts related to resistors, capacitors and various other basic components along with the simple circuit connections, Ohm's law, series and parallel connections etc.

The second day began with the lab session 2 which was conducted by Rushali and Suraksha of 5th sem ECE. This session aimed at making the students construct a project in order to build up their confidence level. A simple automatic street light system was demonstrated and then the same was conducted by the students. The session also included the basics of semiconductors and its real time applications, a brief overview about diodes and transistors along with their real time applications and need of usage

The third day began with the lab session 3 which was conducted by Akanksha and Trivikram Bhat from 5th Sem CSE. The session started with learning the basics of Logic Gates. The session then continued to create interest among students about the usage of microcontrollers especially Arduino Uno. Later on, a simple project on Series Lights was built in Arduino Uno and demonstrated in front of the students.

All the session were closely guided by Mr. Rama Moorthy H and Mr. Avinash N. J., Assistant professors, department of CSE & ECE respectively. All the 3 days were promptly utilised for the betterment of the society. All the 3 session were conducted during afternoon.

Photographs of the activities

Latitude:13.286277
Longitude:74.929377


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