



2019-2020

Name of the Department/Society: LUMEN

Name of the Event 6: Arduino Workshop

Date of the event: 19th February 2020

LUMEN-The Physics and Electronics society organized an Arduino workshop under the dynamic leadership of Mr. Aashish Bansal. A similar themed workshop was conducted by the society in the last academic session and considering the previous response and current demand of the students a further workshop was planned with new resource persons and new ideas. Arduino is the current hot topic in the field of embedded systems with user friendly programming combined with low cost hardware. The user friendly IDE (integrated development environment) and Open Source licensing makes it an apt choice for all. Students from various colleges of University of Delhi participated in the workshop. The workshop started with LED lighting (lamp lighting) and a brief presentation about the Arduino environment and later discussed its various functionalities and interfacing capabilities.

The main highlights of the workshop were-

- Introduction to ARDUINO.
- Building ultrasonic Sonar.
- Building a Night Lamp.
- Building an ARDUINO instant messenger.

The entire day students learnt new things. Also, they got to know how to implement the knowledge in daily life because that's how the various dimensions of Science can be explored.





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