

**Title of the Workshop:** “Arduino based IoT using LoRa Technology”

**Workshop Conduction Date:**20<sup>th</sup> & 21<sup>st</sup> September, 2019

**Participants:** Student members of “Indian Society for Technical Education Students Chapter - BNMIT”, 3<sup>rd</sup> Semester ECE, BNMIT.

**Description:**A two day workshop on **Arduino based IoT using LoRa Technology** was organized by the department of ECE under **ISTE Students Chapter - BNMIT**.

“Arduino based IoT using LoRa Technology” workshop was an opportunity for the third semester ECE under graduate students to enrich their knowledge and skills in developing various engineering solutions. The workshop covered the following topics: Introduction to IoT and LoRa Technology, Hardware selection for LoRa Technology, Introduction to Arduino based LoRa End Node. Hands-on sessions were conducted by industry experts from Enthru Technology Solutions India Pvt. Ltd.

Participants of the workshop gained practical knowledge about Arduino programming, sensors for various applications, interfacing sensors and communicating the data acquired to the cloud using LoRa Technology.





