BMS
INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Avalahalli, Doddaballapur Main Road, Bengaluru – 560064

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

1. Deaprtment of ECE organized a one day training cum workshop on VLSI Digital and Analog design using Cadence tool on 26/09/2019. Mr. Kedarnath L V from Entuple Technologies was the resource person who gave the overview and trained the faculty members and students of 7th semester in designing full custom and semi-custom IC's using the Cadence tool.
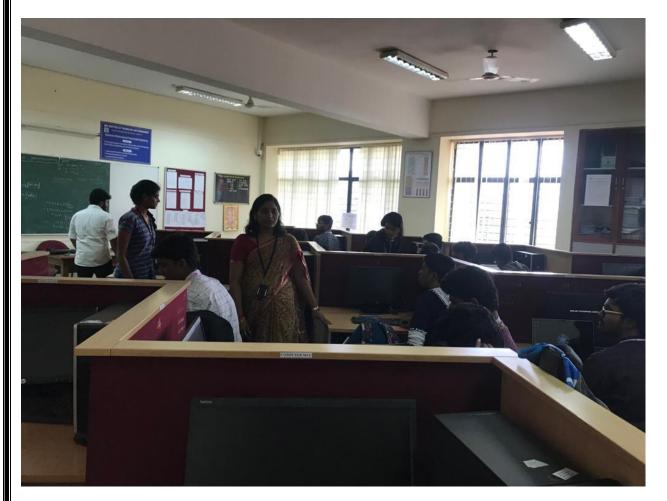

2. One day Hands-on training on Solar Study Lamp Assembly in association with IIT BombayX was conducted on 2-10-2019 for first year students were in students have trained to assemble a study lamp which is rechargable through a solar panel.

Coordinators: Ravindra V Asundi, Suryakanth B, Saneesh C T, Shivarudraiah B and Anil Kumar D

3. The introduction to robotic workshop a two day Student development program was conducted on 27/2/2020. Students from different disciplne particpated in this workshop.

Students were introduced to arduino architecture and navigation of AVR stuido IDE. Simple projects were demonstrated and as well as trained on the demonstrated projects so that students are able to do mini projects for PBL. At the end of the workshop students expressed they enjoyed doing projcets using arduido and comfortable using Firebird kit for extending their projects for PBL.

4. Workshop on Computer Vision and Robotics was conducted by Prof Shruthi J(CSE), Prof Rashmi N(ECE) , Mr. Gaurav Sethia (4th Sem CSE) and Mr. Harish Kumar S Guragol (4th Sem CSE).The participants were about 40 students from BMSITM and as well as other colleges , who attended the session and learned about the computer vision and its application in robotics. The sessions were conducted over 3 days. 1st day the participants were taught about the applications of computer vision

and basic operations on images. The session ended with a mini-project which helped the participants revise the concepts. On the 2nd day, students were taught about Edge Detection and Contours which was used to develop a basic hand gesture detector. On the last day, participants were taught about the basics of object detection. In the latter half of the session, participants developed an OMR sheet checking project as a capstone. All the participants were given e-Certificates and were explained about the future scope of computer vision.