



# BMS

## INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Avalahalli, Doddaballapur Main Road, Bengaluru – 560064

### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

**Expert talks organized during academic year 2019-20**

**1. Expert talk on the topic “career building and higher studies” for 5<sup>th</sup> Semester students on 12<sup>th</sup> November, 2019. by Ms. Gayatri, Software Developer, Siemens Technology and Services Pvt. Ltd.**

Department of Electrical and Electronics Engineering organized an expert talk on the topic “career building and higher studies” for 5<sup>th</sup> Semester students on 12<sup>th</sup> November, 2019. The speaker Ms. Gayatri, Software Developer, Siemens Technology and Services Pvt. Ltd., covered the topic on career building and higher studies. The students were given advice on how to build their profile, importance of learning few programming languages during their 3<sup>rd</sup> year, importance of internships, preparation required for higher studies etc. The session was well received by the students with lot of interactions. The session was coordinated by the faculty Mrs. Suma Umesh and Mrs. Manjula B.K.



**2.Expert talk on “Entrepreneurship” for 5<sup>th</sup> & 7<sup>th</sup> Semester students on 14<sup>th</sup> November, 2019 delivered by CEO of dWise Solutions and Services pvt. Ltd., Mr. Riyad Rasheed.**

Department of Electrical and Electronics Engineering organized an expert talk on the topic “Entrepreneurship” for 5<sup>th</sup> & 7<sup>th</sup> Semester students on 14<sup>th</sup> November, 2019 delivered by CEO of dWise Solutions and Services pvt. Ltd., Mr. Riyad Rasheed. The session was well received by the students with lot of interactions. The session was coordinated by the faculty Dr.Sanjay Lakshminarayanan and Mrs. Shilpa G.



**3. Expert talk was organised for the 6<sup>th</sup> Semester EEE students on 20<sup>th</sup> February, 2020 by Mr Srinivas S, Managing Director, Kanthi Power Solutions, Bengaluru.**

An expert talk was organised for the 6<sup>th</sup> Semester EEE students on 20<sup>th</sup> February, 2020. The invited speaker was Mr Srinivas S, Managing Director, Kanthi Power Solutions, Bengaluru. The speaker gave a very useful practical insight in to the Automation of Industry / Home, IoT etc.



**4. Expert talk for the 8<sup>th</sup> Semester EEE students on 07<sup>th</sup> March, 2020. By Mr. Lokesh T S, Deputy Manager, Schneider Electric, Bengaluru.**

An expert talk was organised for the 8<sup>th</sup> Semester EEE students on 07<sup>th</sup> March, 2020. The invited speaker was Mr. Lokesh T S, Deputy Manager, Schneider Electric, Bengaluru. The speaker gave a very useful practical insight in to the Home Automation and Protection. About 40 students from 8<sup>th</sup> semester attended this session.



**5. Expert talk on “Introduction to Switch Mode Power Supply” for 6<sup>th</sup> and 8<sup>th</sup> semester students on 9<sup>th</sup> May, 2020. By Mr. Aravind Bhat, Electrical Engineer in General Electric, Bengaluru.**

Department of Electrical and Electronics Engineering under ISA Student Section organised a technical talk on “Introduction to Switch Mode Power Supply” for 6<sup>th</sup> and 8<sup>th</sup> semester students on 9<sup>th</sup> May, 2020. The resource person Mr. Aravind Bhat, working as Electrical Engineer in General Electric, Bengaluru.

The screenshot shows a Google Meet interface with a presentation slide titled "Techniques of conversion". The slide content is as follows:

**Techniques of conversion**

- An Electronic circuit called “Linear regulator” or “Low Dropout Regulator”

Series Pass Element

Control Circuit

Series pass element

Control circuitry

LDO.asc

Advantages	Disadvantages
Takes care of line and load transients => fast transient response	Poor efficiency => higher loss in the pass element => Big heat sink required to dissipate heat
Low output ripple	Only step down operation possible
Simple circuit => low part count => low cost	

**Applications**

- Useful where the load current is less or where the Input Output differential is less.
- Useful where low noise in the output is required.

The screenshot also shows the Google Meet interface with a presenter named Aravind Bhat, a title bar with browser tabs, and a Windows taskbar at the bottom.