



## Outcome Based Education Activities: 2018-19 and 2019-20

### Electronic devices

1. Quiz on transistor operation, photo diode, solar cell, IC and photo detector
2. Videos on Integrated chip
3. Content beyond syllabus

### Analog Circuits

1. Quiz on op-amp fundamentals
2. Module-wise questions from previous four VTU question papers
3. Problem based learning
4. Content beyond syllabus

### Control Systems

1. Tutorials on Bode plots

### Network Analysis

1. Tutorials on mesh and node analysis

### Signals and Systems

1. Quiz on Z-transform

### Digital Signal Processing

1. Practice session on DFT

### Automotive Electronics

1. Video on working of four stroke engine
2. Video on different types of sensors used in automobiles
3. Video on working of different types of actuators

### Fiber optics and networks

1. Video on fiber optics cable
2. Video on laser diode
3. Video on OSI model animation

### Digital switching system

1. Video on Manual, Strowger and Crossbar switch
2. Video on TDM switch and Space switch

### LICs & Applications

1. Quiz
2. Group Activity
3. Module-wise VTU Questions



K.L.E. Society's  
**K. L. E. INSTITUTE OF TECHNOLOGY, HUBBALLI-27**  
(An ISO 9001:2015 Certified Institute)  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
(NBA Accredited)



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### Industrial Internship

Students undertake internship in industries with the details as below-

Sl. No.	Year	Companies
1	2020-21 (on-line)	1. VI Solutions, Bengaluru
		2. Gustovalley Technovations, Bengaluru
		3. Eklakshya Innovation Labs Pvt. Ltd., Hubballi
2	2019-20	1. South Western Railways, Hubballi
		2. Tech-Fortune, Hubballi
		3. Technofly Solutions, Hubballi
		4. Experts Hub, Hubballi
		5. Kinno Solutions, Hubballi
		6. Linkez Ltd., Hubballi
		7. Decibels Labs Ltd., Hubballi
		8. Shaligram Infotech, Bengaluru
		9. Boffo Ventures, Bengaluru
3	2018-19	1. IoT, KLEIT Hubballi
		2. Sameeksha Semiconductors, Hubballi
		3. Techfortune (IoT& MI), Hubballi
		4. Experts Hub, Bangalore
		5. Railway Dept., Hubballi
		6. Technofly Solution, Hubballi
		7. Dwail Pvt. Ltd., Hubballi
		8. Kinno Pvt. Ltd., Hubballi
		9. Makers Lab Pvt. Ltd., Hubballi
		10. Sandbox, Hubballi
		11. HAL, Bengaluru