



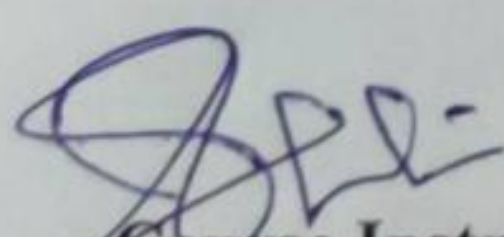
**SETHU INSTITUTE OF TECHNOLOGY**  
 (An Autonomous Institution| Accredited with 'A' Grade by NAAC)  
 PULLOOR, KARIAPATTI – 626 115.

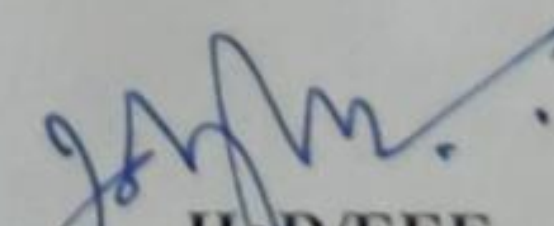


**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**  
Activity Supports Employability/Entrepreneurship/Skill Development

**Course Code** : 19UEE403 & 19UEE408  
**Course Name** : Principles of Digital Electronics & Digital Electronics Laboratory  
**Academic Year** : 2020 – 2021 (Even) **Class** : II Year

<b>Category</b>	Employability
<b>Activity</b>	Lab Experiments
<b>Outcome</b>	<p>The fundamentals and implementation of digital electronics are essential for understanding the design and working of consumer/industrial electronics, communications, embedded systems, computers, security and military equipment. Devices used in applications such as these are constantly decreasing in size and employing more complex technology. It is therefore essential for engineers and students to understand the fundamentals, implementation, application and principles of digital electronics, devices and integrated circuits. This is so that they can use the most appropriate and effective technique to suit their technical need.</p> <p>Digital circuits or digital electronics is a branch of electronics which deals with digital signals to perform the various task to meet various requirement.</p> <p>Digital circuits are a part of all the important electronic devices. It can be used for designing the display of a watch or a countdown timer. Digital Circuits can be used in complex processes like Rocket Science and Quantum Computing.</p> <p>Digital circuits are also used in traffic lights and automatic glass doors in offices and restaurants. Activity given for this course help the students to gain practical knowledge about the various digital ICs and its applications which will be useful to improve their Employability in Electronic sector.</p>

  
 Course Instructor

  
 HoD/EEE