

# **TalenTon**

## **TECHNOPHILIA**

*-Enter to Explore*

### **Introduction:**

As an Electronics Engineering student, we have to frequently come across various circuits. Building circuits is an essential part of our academics. Not only academics but the core Electronics Companies are always in search of practically strong candidates, hence we need to have a hand over Circuit Building. As circuits play an important role in Electronics Technology.

Technophilia is a platform where we are in search of technology lovers and learners. You all must be aware of the fact that we cannot actually build circuits all the time. Sometimes it is needed to just have a verification of the circuit or to observe the results. For this purpose we have been available with Simulation Softwares. Simulide, Proteus, SuperSim are some of those softwares.

ELESA had organized an astounding Proteus Workshop because of which you get acquainted with Proteus Software. Taking a further step, we are providing you an opportunity to learn another Simulation Software and that is MULTISIM. The benefits of simulation based learning include: cost effective and comprehensive training. This event will also help you to enhance problem-solving and decision-making skills.

### **Description:**

Technophilia is a full-technical event and the participants will get divided into two categories: No-voice and Experts (based on the academic years).

There will be four rounds in this event. Required material for each round will be provided to you. The level of difficulty with each round will slightly go high. The four rounds will make you learn from the very basics to the complex simulations.

**Round 1:** Installation and tutorials learning - By going through the rules, you have to simply complete the installation process and watch the tutorials to get a better understanding of the software.

**Round 2:** Circuit Building - Build the circuit and simulate it as per given instructions. You will get to know about various tools available in the software.

**Round 3:** Idea Implementation - Implement your own idea and try to build a proper and useful circuit, simulate it and observe the results.

**Round 4:** Problem Solving – You will be provided with a problem statement in this round. Find a solution of the given problem and build a circuit to get required results.

This event will play a huge role in improving your technical skills. You will surely require those skills at each step in this challenging and rapidly growing field of Engineering. Do participate to explore the interesting side of the Electronics discipline.

**Note:**

Refer to the youtube videos in case of any difficulties regarding the handling of the software.

**HAPPY LEARNING!**