



Shri Guru Gobind Singhji Institute of Engineering and Technology

Vishnupuri, Nanded (Maharashtra State) INDIA PIN 431606

Government Aided Autonomous Institute DTE Code: 2020

NAAC Accredited institute GRADE B++, CGPA 2.91 (2020-2025)

Vision Statement: Education of Human Power for Technological Excellence



TECH QUEST

Description:

The Digital Electronics Treasure Hunt is an exciting event comprising three competitive rounds, designed to test participants' problem-solving abilities, technical knowledge, and teamwork skills in a fun and engaging environment.

Rules & Format:

Participants: 2-4 members per team

Round 1: Electronic Hunt

Objective: Participants will identify hidden electronic components by solving a series of creative and themed clues.

Process:

1. Teams will receive a set of clues linked to specific electronics components.
2. Clues will lead them to designated locations where the components are hidden.
3. Teams must find all components to qualify for the next round.

Selection Criteria: The first Half of the teams will proceed for round 2.

Round 2: Circuit Building

Objective: Teams will construct a functional circuit using a provided digital electronics schematic.

Details:

1. All teams will receive identical circuit schematics.
2. They must complete the circuit within 30 minutes.
3. Necessary components and tools will be provided.

Selection Criteria: The 2 teams with the most accurate and functional circuits, judged on performance and time, will proceed to the final round.

Final Round: Surprise Challenge

Objective: Test individual problem-solving skills through a high-stakes challenge. • Details:

1. Each team will select 1 representative for this round.
2. A challenging question from electronics will be provided.
3. Participants will have 15 minutes to solve the problem.

Winning Criteria: The individual who correctly solves the question in the shortest time will win the event for their team.