# PROBLEM STATEMENTS - AVISHKAR 2K23







# VIGNANA BHARATHI INSTITUTE OF TECHNOLOGY Aushapur (V), Ghatkesar (M), R. R. Dist. - 501 301 SCHOOL CODE: 45893584 STUDENT BRANCH CODE: 65451

# **Problem statements**

# **NOTE:**

- 1. Kindly select only one of the Problem statements mentioned below.
- 2. The Abstract and PPT must be submitted through the provided link before the respective deadlines.
- 3. Plagiarism is strictly prohibited.

### **Problem statement-1**:

How to minimize the parking problem in metro cities?

### **Problem statement-2:**

Devise a way to provide a medical support system and deliver essential needs to people residing in hilly and snowy areas.

### **Problem statement-3:**

What steps can be taken to assist medical students in learning through Virtual Reality, enabling them to simulate surgical procedures through virtual trial surgeries?

#### **Problem statement-4:**

How can we use technological advancements to improve surveillance systems?

#### **Problem statement-5:**

Plan out a strategy to reduce energy consumption in households.

### **Problem statement-6:**

Devise an efficient way to reduce the queue lines near the billing counters.

#### **Problem statement-7:**

How can you improve the ways to demonstrate buildings or other infrastructure plans and models to customers?

#### **Problem statement-8:**

Ideate a smart solution to manage the traffic seamlessly especially during peak hours automatically without any manual interference.

# **Problem statement-9:**

Propose an effective method for protecting personal and confidential information from Cyber Attacks.

### **Problem statement-10:**

Create a plan for assisting people in times of disaster.

#### **Problem statement-11:**

Ideate a solution to simplify the process of buying food in our college canteen.

# **Problem statement-12:**

Ideate a solution to allow visually impaired people to use e-commerce applications.