

INNOVATION CHALLENGE 2019-20
PROBLEM STATEMENT - WATER CRISIS

Water, covering over 71% of the Earth's surface is essential for all living organisms. Out of this only 2.5% of water is available as freshwater suitable to meet basic human needs. On average, every human being requires 20 to 50 litres of water to meet his/her everyday requirements.

With increasing human population and degrading environmental conditions, the availability of usable water is decreasing. According to a UN report on the state of the world's water, more than 5 billion people could suffer water shortages by 2050 due to climate change, increased demand and polluted supplies

To ensure water security for all take part in this year's Innovation Challenge presented by Techfest, IIT Bombay in association with Unified Council and thinking out of the box, suggest a solution to overcome the problem of shortage of usable water, thereby ensuring water security for all.

Your proposed solution should be in the following format:

Title of the proposed solution (in 20 words): A heading that best describes your solution.

The aspect of the problem being targeted (in about 50 words): Identify the particular aspect of water crisis your solution is for

The proposed solution of the problem (in 150-200 words): Propose a solution and explain how your solution is going to solve the water crisis

Expectation and conclusion (in about 50 words): Justify why you think your idea will be a success in terms of the impact that it will create.

Your idea will be judged on the basis of:

Feasibility: Whether your idea can be brought to life and be implemented

Impact: Whether your idea can have a real impact or bring about a change in society

Scalability: Whether your idea could be scaled from the smallest level to the largest level

Originality: Whether your idea is self-inspired