

INNOVATION CHALLENGE 2020-21
PROBLEM STATEMENT - AIR POLLUTION

An average human being breathes around 11000 litres of Air everyday. With the onset of Industrialisation the quality of Air has declined drastically which has led to a shocking effect on human health. At present, 84% of Indians live in areas where the pollution levels exceed the country's own air quality standards with 9 of the 10 most polluted cities being in India.

To ensure Fresh Air 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 poor air quality, thereby ensuring fresh air for all.

You need to come up with an idea to tackle the problem of ambient air pollution in cities. Identify the major cause of the problem and think of policies and ways to manage the causes that can help in improving the air quality.

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 air pollution 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 problem of air pollution
- **Expected impact 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-inspire and not taken from outside sources