

INNOVATION CHALLENGE 2021-22 **PROBLEM STATEMENT - Biomedical Waste Management**

The face of litter in the country is rapidly changing, as the novel coronavirus disease (COVID-19) extends its stay and spread. COVID-19 accounted for 33% of the biomedical waste generated in India in May 2021, when the country saw the highest number of new cases. This appears to have put pressure on an already overburdened biomedical waste treatment system.

Millions of discarded single-use plastics in the form of surgical masks, face shields, gloves, shoe covers, and other personal protective equipment, or PPE, can readily be found dumped by the roadway, behind hospitals, on beaches, in parking lots, in landfills.

You need to come up with an idea to tackle the problem of Biomedical waste management generated during COVID times.

Your proposed solution should have the following format :-

- **Title of the proposed solution (in 20 words):** A heading that best describes your solution.
- **Problem Statement (in about 50 words):** Identify the particular aspect of bio medical waste management 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 bio medical waste management
- **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 is practical and can 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 to a larger level
- **Originality:** Whether your idea is self-inspired and innovative and not copied from somewhere