SMART DUSTBIN
Manage your waste by the way you want

Introduction
Waste management has become an essential part for household and industrial dustbin suppliers. The smart dustbin is a solution that can solve the issue of waste disposal by segregating the materials throwing inside it.

Prize Money
1st Prize: 3,000
2nd Prize: 2,000
3rd Prize: 1,000

Problem Statement
Participants will have to design a smart dustbin that can be placed on the public streets. The dustbin should be able to segregate wet and dry waste. It should also have automatic opening and closing system. If the dustbin gets filled, there should be an indicator to notify the user or authorities.

Round 1
➢ Teams will need to submit working video of their dustbin as a proof of Concept.
➢ Duration of video must not be more than 5 minutes.
➢ Ensure the proper visibility of dustbin in video.
➢ Any short of malpractice might lead to disqualification.

Round 2
➢ Qualified teams will have to present their working prototype in offline mode.

Machine Specifications
➢ Voltage between any two points on the circuit should not exceed 12 V.

General Rules
➢ Readymade kits are not allowed.
➢ Violation of rules will lead to disqualification of team.
➢ Bring your college/student I-Card at the time of competition.
➢ Decision Taken by Judges will be final and binding for all.
➢ Any misbehaviour will lead you to disqualification from the competition.
➢ If less than 30 teams will be registered, then only first prize will be given and if less than 50 teams will register, only two prizes will be given.

Team Specifications

➢ Team must consist 2-4 members.
➢ Members of a team may be from the same college/school or different (K12/UG/PG).
➢ Any number of teams can participate from one college/school.
➢ Professionals are not allowed. Only students can participate.
➢ Participants are required to bring their school/college ID cards.
➢ Once registered, the same team cannot register with another name or for another model other than previously registered one.
➢ Every team must have a unique name that should not be offensive conflicting or inappropriate.
➢ Organizers have the right to reject entries for any inappropriate team name.
➢ Organizers must be notified if a team's name has been changed.
➢ Team Representative: Each team must specify their Team Representative (Leader) at the time of registration on the website. All important communications between the organizer and the registered teams will be done through their Team Representative. The Team representatives must submit valid contact details (phone no., email id, etc.) at the time of registration.
➢ If teams don't show up on allotted slot, they will be disqualified.

Event Timeline

Round 1 (Virtual Mode)	Proof of Concept submission deadline	11th April 2022
Round 2	Releasing list of shortlisted candidates	12th April 2022
	On site event	14th April 2022

Registration Details and Fees

➢ Registration window will open soon!