

TECHNICAL RULE BOOK

BY

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SAMVID 2019

Technical Event

Bridge it
Bottle Rocket

Bottle Rocket

The Water Rocket Challenge'' explores rocketry and the principals of space flight. Team will design, construct and launch a rocket from a 2 liter soda bottle using everyday material that is powered by a combination of water and compressed air .

- COMPETITION

- There will be Two Round

- Qualifying and final round

- in first round rocket has to clear a threshold distance of 70 meter

- 2nd round is point awarding round according to distance

● SAFETY

- Safety glasses **MUST** be worn by all member of the launch team.
- Only the launch team may be in the launch zone.

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- ◉ MATERIALS(Supplied)
 - ◉ Safety glasses
 - ◉ Glue guns
 - ◉ Rocket stands(to hold work in progress)
 - ◉ Water rocket launcher
 - ◉ Launch mechanism
 - ◉ Bicycle pump
 - ◉ Water bucket

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- MATERIALS (Student Supplied):
 - 2 liter soda bottles

- Team Member = 4
- Entry Fees = 100 per group



Team

- Contact

S. Rahul : (contact no. – 7974637731)

Sambhav : (contact no.- 7509373240)

- Coordinators (3rd year)

No of coordinators required= 5

- Volunteers(2nd year)

No of volunteers required= 5