



EARTHEN DAM

Prakrusht		
	Name	Phone No.
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Event Description:

In this event you would have to build a dam using clay as per the dimensions provided in the rules. After that dam would be kept for drying and after that it would be tested.

Team Specification:

- Group of 4 members.

RULES:

- All the participant will be given 2 hours for prepare the dam and then 4 hours given to keep it dry as possible as it will be.
- Testing will be start after 6 hours of making the dam.
- Material will be provided by organizers.
- Max 3 participants will be participating in this event.
- Finishing all material will not provide and also scale.
- A canal and dam must be built within the given dimension as mention below Length = length of the canal will be taken $60 \text{ cm} < \text{length} < 100 \text{ cm}$.
- Width = width of canal will be 40 cm Depth = depth of canal will be 30 cm.
- Thickness = Thickness of dam at bottom will be 10 cm and at the top 10 cm Width = width of dam will be as the canal width 40 cm.
- Length of canal can be taken as per requirement but on the downstream of the dam the distance from low point of the dam must be within 20 cm.



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CRITERIA OF MARKING:

- There will be 4 rounds.
- The pounding will be done up to highest level the water must be filled within 30second by participant for 2 minute it will be observed.
- Over flow of the dam will be done for 2 minute by the participant.
- If the dam will be not break in round 1 and round 2 then organizer will increase thrust and pressure will be uniform for the entire model.
- If some model will not be failed then depending upon the damages of earthen dam model expert will be invite to given rank. In case of leakage in a dam that model will be ranked below the model in which leakage will not occur.

