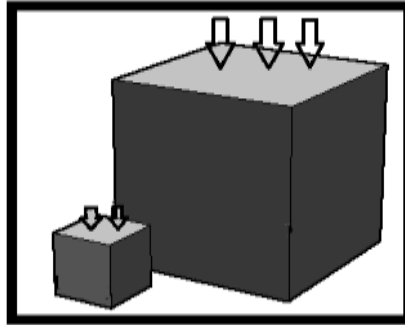


# CONQUERETE

Break me if you can...???



## INTRODUCTION

**A**s the name sounds, you have to CONQUER the CONCRETE, a part and parcel of construction field.....perplexed by the usual question, 'HOW'?

Here is the end to your doubt....simply DEVELOPE an innovative and economical CONCRETE MIX, which can withstand higher stress levels.

If you are PASSIONATE enough to revolutionize the present construction practice, then this event is tailor-made for your discovery.....CREATE THE HISTORY NOW!!!!!!!

## RULES

1. To make pervious concrete cube of dimensions 150 X 150 X 150 mm.having reasonable compressive strength.
2. Student should form teams comprises of maximum 4 members.
3. Cube of size 150 X 150 X 150 mm with a tolerance of 5mm have to be submitted. Anything more than 5 mm will lead to direct disqualification.
4. Cubes must be cast exactly 7 days before the competition. To ensure that no samples are cast before this time, the participants have to make a roll of newspaper cutting of dimensions (13.5" X 5" inches) of the top of the newspaper of the day of casting and put it inside each and every specimen. Participants also have to carry one copy of the newspaper with no cutting on that ensuring a proper matching of the casting time at the time of the competition.
5. You have to fabricate the paper roll in such a way that it won't get wet during testing. Also you have to make a video at the time of casting and showing the newspaper in the video to ensure

the day of casting. It will be used as supplementary variation in case you roll gets wet and characters are invisible. You have to bring the video at the time of fest.

6. Material specifications:

- a). Cement of any grade can be used.
- b). No restriction on use of type of aggregates and Chemical admixtures.
- c). Reinforcement of any type is strictly prohibited.

7. Failure to comply with any of the above rules will lead to disqualification.

## **JUDGING**

1. The cubes will first be tested for Compressive strength will be measured using compression testing machine (CTM).

2. Report will be judged by organizing Team. The report must include –

- a). Technical mix design report which includes material specifications, casting and curing procedure and cost analysis.
- b). Discussion of choosing the specific mix design regarding strength and durability aspects.

EVENT CO-ORDINATORS:

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**NEHA VERMA**