Event: Build-O-Brick

Description

"Build-O-Brick" is a technical event involving the making of straight fly ash brick wall without any support i.e. Brick bats, Closers or Mortar. This event will lead the participants towards team building, coordination & effective execution considering the technical aspects as an "Engineer". In this event, participants can showcase their technical knowledge & understanding to make a brick wall straight & tall. Participants can learn to apply the knowledge of wall construction, bond type, brick layer arrangement, laying of course & making joints for the straight & taller wall.

General Rules

A.	Mandatory Clause		
	1.	Brick laying	- Brick laying consists of making a wall with no Support, i.e. Brick bats, Closers or Mortar. - The wall must be standing. The thickness of wall would either be 7" or 9". As & when the brick wall collapses, participants will have to stop making wall further.
	2.	Brick size	- Participants will be provided the fly ash bricks having size 9" X 7" on the event venue.
	3.	Length of Base Course	- There is no restriction on the length of base course. Participants can use their intelligence to make the wall standing to maximum height.
	4.	Material	- Fly ash brick of size 9" X 7" only.
	5.	Regulations	- No cementing material is provided for the bonding between brick layers. - Participants can neither support wall using any object or instrument nor manually. - Participants must execute & fulfill the requirements as per their own understanding & intelligence. - All the participants must be wearing robust & heavy shoes while involved in the event.

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			- Participants can wear gloves if there will be any requirements by their own (lifting of heavy object is involved). - Any misbehaviour, mischievous actions, unnecessary objections will lead to disqualification. - The decision & judging criteria will be in the hands of event coordinators.
B.	Judging Criteria		
	1.	Formula	- The evaluation & judgment will be based on the below given formula. - Refer the illustration at the end (**). $$\frac{L}{n} \times \textit{total no. of course } (C)$$ Where, L = Length of the base course in inch (lower most course) n = nos. of bricks used in the base course - The courses which are similar & defined (i.e. Header/Stretcher course) will only be considered for the evaluation. Any incomplete course(s) will not be considered for the final evaluation.
	2.	Failure Criteria	- The wall must be standing. As & when the brick wall collapses, participants will have to stop making wall further.
	3.	Time Limit	- The time limit for the execution is maximum 30 Minutes. Participants can intimate the coordinator when they want to stop going further before time.

C.	Participation Criteria	03 Minimum Participants 04 Maximum Participants Maximum entry allowed - 30 Groups

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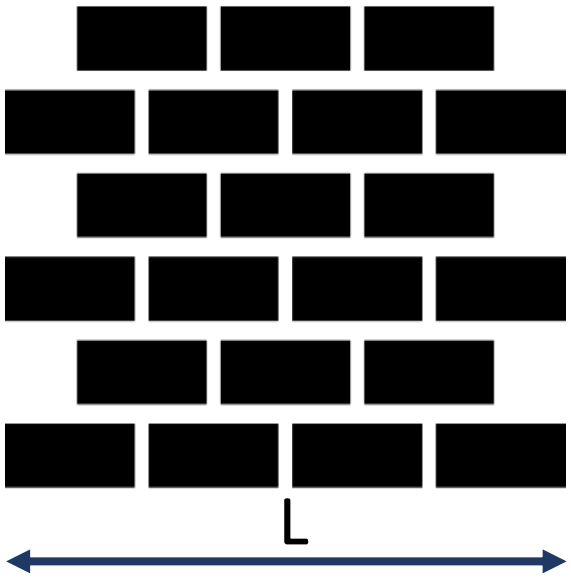
D.	Location	- Event location: Volley-Ball ground of the DU campus.

(**)

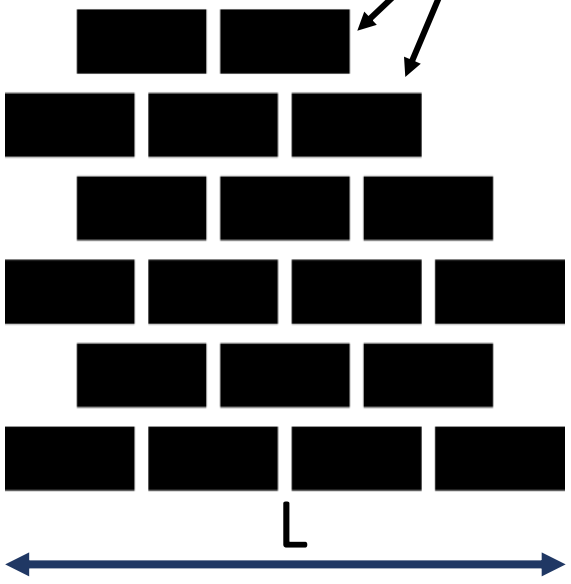


L = Length of the base course in inch (lower most course)

n = 4 (nos. of brick in the base course)

C = 6 (total no. of course)

Incomplete courses hence, will not be considered



L = Length of the base course in inch (lower most course)

n = 4 (nos. of brick in the base course)

C = 4 (total no. of course)

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Faculty Coordinators

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