

Event: Taper Tussle

Description

“Taper Tussle” is a technical event involving the **making of an inverted trapezoidal** 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 trapezoidal yet standing. Participants can learn to apply the knowledge of wall construction, bond type, brick layer arrangement, laying of course & making joints for the inverted trapezoidal & taller wall.

General Rules

A.	Mandatory Clause	
	1. Brick laying	<ul style="list-style-type: none">- Brick laying consists of making an inverted trapezoidal wall with no Support, i.e. Brick bats, Closers or Mortar.- The wall must be standing & inverted trapezoidal in shape. The thickness of wall would be 4.5”. As & when the brick wall collapses, participants will have to stop making wall further.
	2. Brick size	<ul style="list-style-type: none">- Participants will be provided bricks having size 9” X 4.5” on the event venue.
	3. Length of Base Course	<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">- Brick of size 9” X 4.5” only.
	5. Regulations	<ul style="list-style-type: none">- If a base course has n nos. of bricks then the next course must have at least n+1 nos. of bricks in order to make a wall inverted trapezoidal.- It is not mandatory to have an equal taper/overhang on both the sides also there is no criteria of spacing between bricks.- No cementing material is provided for the bonding between brick layers.- Participants can neither support wall using any object or instrument nor manually.

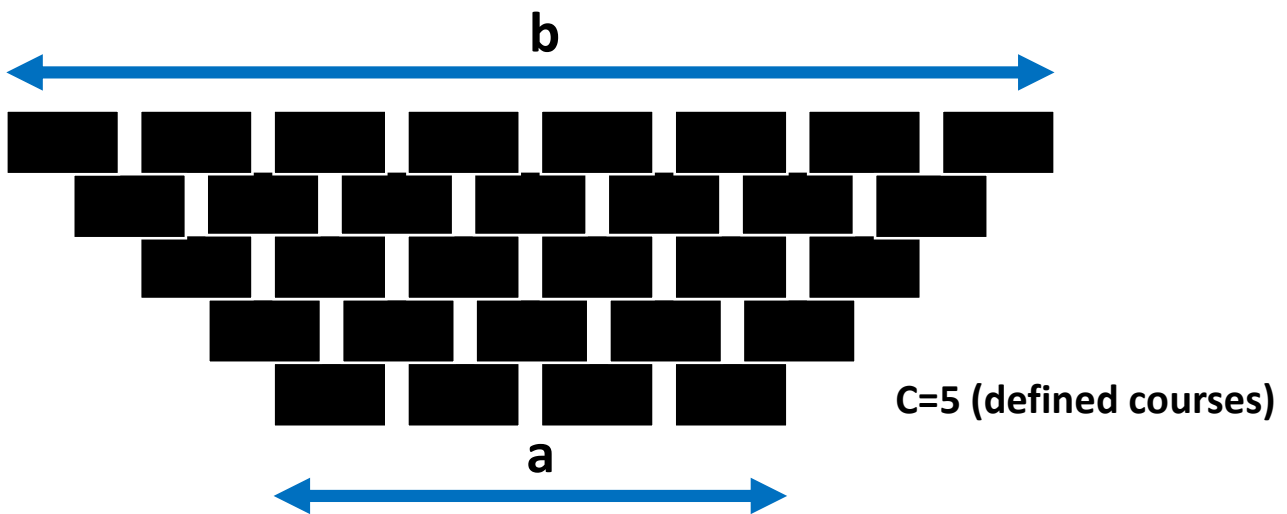
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		<ul style="list-style-type: none"> - Participants must execute & fulfil the requirements as per their own understanding & intelligence. - All the participants must be wearing robust & heavy shoes while involved in the event. - Any misbehaviour, mischievous actions, unnecessary objections will lead to disqualification. - The decision & judging criteria will be in the hands of event coordinators & may have variation/modification.
B. Judging Criteria		
1.	Formula	<ul style="list-style-type: none"> - The evaluation & judgment will be based on the below given formula. - <u>Refer the illustration at the end (**).</u> $\frac{b}{a} \times \text{total no. of course (C)}$ <p>Where,</p> <p>b = length of bricks in the top most/last defined layer in cm.</p> <p>a = length of base course in cm.</p> <p>C = total number of defined courses fulfilling the requirements of a trapezoid.</p> <ul style="list-style-type: none"> - The trapezoidal shape which is defined will only be considered for the evaluation. Any incomplete/undefined/which does not resemble trapezoid, course(s) will not be considered for the final evaluation.
2.	Failure Criteria	<ul style="list-style-type: none"> - The wall must be standing. As & when the brick wall collapses, participants will have to stop making wall further.
3.	Time Limit	<ul style="list-style-type: none"> - There is no specified time limit. Participants have to stop making wall further once it collapses.
C. Participation		03 Minimum Participants

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	Criteria	04 Maximum Participants Maximum entry allowed - 30 Groups
D.	Location	- Event location: Volley-Ball ground of the DU campus.

(**) – Inverted Trapezoidal Brick Wall Shape



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