## ****TERMINATOR 1.0****

Witness and be a part of an epic battle between bots as they try to rip each other apart .

**OBJECTIVE**

Design and construct a remote controlled robot capable of fighting a one on one battle.

## ****BOT SPECIFICATIONS:****

 Bot should fix within a box of 60x60x100 cm before the start of the match.

 Maximum allowed weight is 45kg including weight of batteries . Weight of batteries would be counted in all cases :- onboard or offboard.

 Weight of wireless bot will be counted as 0.7 times of its measured weight including batteries.

It will be counted as 1.5 times of its actual weight in case of use of any external (off-board) pneumatic/hydraulic storage tank.( weight of storage tank will not be counted in such case).

 In case of onboard pneumatic/hydraulic storage tank measured weight of bot will be considered along with that of batteries.

 Maximum allowed pressure for pneumatic/hydraulic cylinder is 10 bar.

 Maximum allowed voltage is 36V. No external power supply would be provided.

 Use of any form of CHEMICALS hazardous to crowd and arena and HIGH-speed projectiles is restricted.

## RULES

 Each fight is of 5 minutes.

 Elimination is on knock-out basis.

 A team loses if bot cannot show sufficient mobility for 30 seconds.

 The team would be judged on the basis of performance during the fight(attacking and defence).

 Before the start of the match the team should disclose their attacking mechanisms to the organisers.

A safety test would be carried out before the start of the match. If the bot is found unsafe for crowd and arena, it would be disqualified.

 A team of maximum 5 members carrying a valid college ID-card can be formed.

 In case of any dispute or ambiguity, event coordinators decision will be final.