



## CONTRIVANCE

### CRITERIA

- Each **energy conversion** will be given **25** points for the first time, **15** for 2<sup>nd</sup> repetition and 3<sup>rd</sup> and subsequent repetition of same energy conversion will be treated as link (**5** points).
- Kinetic energy and potential energy will be considered as the same.
- Energy conversion A to B is **NOT** same as B to A.
- Each **link** will be given **5** points.
- **Energy conservation:** If an electrical appliance remains active after completion of a step, then energy is wasted. If by any means it is switched off, the energy is conserved. Any such step will be considered as energy conservation step.
- Energy conservation will be given **30** points.
- **Parallel link :**
  - ✓ Energy Chains are treated to be parallel only if they originate at same point and converge to the same parent chain.
  - ✓ There should be at least one energy conversion in each chain of parallel link.
- Each parallel link will be given **40** points.
- There will deduction of 60 points for each hand touch for 1<sup>st</sup> three times.
- For 4<sup>th</sup> and subsequent hand touches there will be deduction of **100** points for each hand touch.
- Some bonus points out of **100** will be awarded by judges for innovation.
- Team should perform any one final task; Extra points will not be given for the completion of both task.

