



**Ramgarh Engineering College, Ramgarh**  
Run and Managed by Techno India under PPP



**Government of Jharkhand**



# TECHFIESTA'18

A science and technology festival

## PIPOMANIA

### About

The event is based on challenge solving capability. Better methodology to use pipes to develop a tower like structure.

### Challenge

Two inlets on the top. When what is poured from them, water must flow through all the pipes and should come out from the four outlets at the bottom.

**Room No 330, Academic Building, Ramgarh Engineering College**  
Website: [www.techfiesta.org](http://www.techfiesta.org) | Facebook: [facebook.com/techfiesta.gecr](https://facebook.com/techfiesta.gecr)

# Rules

1. There will be minimum 3 participants in each group.
2. Time is given to you for complete this model is only 45 minutes.
3. Model should have two inlet and four outlets.
4. For model making you have been provided only 25 main pipes and 10 supporting pipes.
5. Model must be stable.
6. Winner will be considered, whose model will be more stable, longest and water passes from all the main pipes.
7. Model must be working.
8. The cross-sectional area of model base should be minimum as it is stable.
9. Cello tape will be used only for joint making.
10. Materials used, will be provided by the coordinator. Except these, none of the things should be used.