**DEPARTMENT OF CHEMICAL ENGINEERING**

**EVENTS**

**USE-THE-LESS (frugal)**

**Everything you can imagine is real-Pablo Picaso**

**About**

**Making some useful productive things from the waste materials in cost effective way**

**Problem Statement-**

**Make a model from useless item to make something innovative and productive**

**Rounds & details**

Min. 2 members in a team

Present your model and describe them.

**Judging criteria**

Winner will decide according to the model, presentation and cross questions.

**FAQ-**

**Q Do we have to prepare model on spot?**

**a-no,you have to prepare beforehand.**

**Q what type of material can be used?**

**a-anything,but try to use most of the material from waste**

**Q does model need to be working? a-no but it will consideration while judging Contact detail-**

**Prize money:** 1000 Rs

**spotlight**

**Ready,set go & charge up your grey cells**

**About**

**It is a two round quiz**

**Problem statement**

**It is a quiz which is based on chemistry and general awareness.**

**Rounds and details;**

It will 2 round quiz – Elimination round and buzzer round.

Elimination round is paper-pen based and 8 participants selected

on their performance to the next round.

Buzzer round is team wise round and there are 4 teams (2 members each).

**Judging criteria**

**buzzing round winner will be final winner**

**FAQ**

**Q Is participation in team of 2 is allowed in 1st round?**

**A** There is no team allowed in elimination round.

**Q how are teams formed in buzzer round?**

**A** Team will made by coordinator of the events.

**Contact detail**

**Prize money:- 1000rs for team**

**Feel-the-rush(chem-e- car)**

Racing is matter of spirit not strength

**About**

Design your own Chemical powered car! Apply your theoretical knowledge and the rest will be your creativity.

**Problem statement**

Move the basic model of car using chemical reaction

**Rounds and details**

Max 4 members in a team.

Your car may be chemical reactions or controlled explosion based. The automated mechanism (i.e. trigger) can involve a chemical or mechanical process but should not involve any electric/electronic

components.

NO participants can opt for two tracks.

**Judging criteria**

**Team that wins the race will be decided as winner**

**FAQ**

**Q what type of chemical reactions can be used?**

**A** Chemical reactions that can be safely operated indoors should beused

Q can any other source of energy can be used?

A The model should not employ any battery or any pre-manufactured source of energy.

**Contact detail**

**Prize money: 1500 Rs**

**AQUAMANIA:-**

**Water water everywhere nor a drop to drink**

**About**

To check your water purification knowledge and skills!

**Problem statement**

Participant has to purify a sample of water

**Rounds and details**

Material will provide on the spot and have a fix and surprise time to assemble your water purifier

**Judging criteria**

Winner will decide on the basis of sample testing and cross

questions by judges. FAQ

Q how water samples are tested?

A it will be tested by water testing kit Contact detail

**Prize money: 1000 Rs**