

TECHFINIX'19

DEPARTMENT OF MECHANICAL ENGINEERING

PAPER PRESENTATION

DESCRIPTION:

To present their own innovative ideas which are much invited in the society to solve their problems. And also, new innovations in technologies to improve. The presentation to be more crispy and innovative one.

RULES:

- A team can have only two members and time allotted to finish their paper is 6 minutes and 3 minutes for query.
- The abstract has to be in IEEE format.
- The papers have to send before /09/2018.
- Selected papers are intimated through mail before /09/2018
- Two Hard copies and soft copy of the paper have to be submitted before the commencement of event.
- Participants should bring their ID card.
- The judge's decision will be final.
- Paper should not exceed ten pages.

TECHNICAL QUIZ

DESCRIPTION:

To check the candidates whether they are sound in their department related things by multiple choice questions. And there will also be several rounds to short list the winners.

RULES:

- In this the team can have maximum two members.
- And it contains four rounds. With different aspects.
- First round is based on written test, the participants who are selected they can enter into further rounds.
- Eviction process will be followed in each level.
- Time duration will be maintained strictly.
- Tie-breaker will be conducted if it is need.
- The judge's decision will be final.

WATER ROCKETRY

DESCRIPTION

A water rocket is the type of model rocket which is driven by the water as its reaction mass. The water is forced out by a pressurized gas, typically compressed air. Like all rocket engines, it operates on the principle of Newton's third law of motion.

RULES:

- Maximum 2 members are allowed to participate in this event.
- The bottle size is 2 (Two) liter.
- Winners are selected based on the distance travelled by their rockets.
- Juries' decision is final.

3D MODELING

DESCRIPTION

In 3D computer graphics, 3D modeling (or 3 dimensional Modeling) is the process of developing a mathematical representation of any surface of an object (either in animate or living) in 3Dimensions via specialized software.

RULES:

- A prelim is the initial round for this event, which is to be conducted by 30 minutes. The qualified person will be selected for next round.
- Only solo performer is allowed to participate, purely the team is negligible.
- Based on the quantities of models were designed on conclusion of the event will be announced as a winner.
- Juries' decision is final.

MACHINING

DESCRIPTION

Machining is any of various processes in which a piece of raw material is cut into a desired final shape and size by a controlled material removal process. The process that have this common theme.

RULES:

- A prelim is the initial round will be conducted for 30 min and then qualified person selected for the machining.
- Based on the surface finish, accuracy and quantity of work pieces the participants are selected.
- Maximum 2 members are allowed to participate in this event.
- Juries' decision is final.

ASSEMBLE & DISMANTLE

DESCRIPTION

Assembling and dismantling approves the actual talent of a person who had a practical knowledge of operating the mechanism of the automobiles. Also it improves the team work with understanding each other and completes the work efficiently & effectively.

RULES:

- A prelim is the initial round will be conducted for 30 min and then qualified person selected for Assemble and dismantle event.
- Based on the finishing time the price will be given in order.
- Maximum 3 Persons are allowed to participate.
- Juries' decision is final.

LOGO IDENTIFICATION

DESCRIPTION

There will be total of three rounds. Logos are displayed on the screen. Buzzer cards will be provided to each team. A team may consist of maximum two members. The team showing card first is allowed to answer.

RULES:

- Each logo are displayed for Ten seconds
- Correct answer carry one credit point
- Wrong answer carry one negative point
- Winners are awarded based on credit point
- In case of tie on spot quiz will be asked
- First two places will be awarded

MINI MOTO

DESCRIPTION

60cc& 80cc engines are used to develop an innovative modern miniature automobile for driving. The winners will be announced by taking different aspects like design, material, driving and working of the vehicle.

RULES:

[touch to see rules](#)