

TECHNICAL EVENTS:

1)PAPYRUS-Paper presentation

Description:

Sproutzi 18 is a national level Techfest event conducted by the Department of Agriculture Engineering, Mahendra Engineering college, Namakkal. '*A man who moves a mountain begins by carrying away small stones*' the phrases of Confucius. The sproutzi platform will be a small stone to achieve a mountain success in terms of knowledge and talent. Sproutzi provides you a platform in the name of **PAPYRUS** to unleash your talent by means of presentation and showcase your ideas in front of esteemed panel of Judges. Various topics of agriculture engineering disciplines are given to show your flair.

Topics:

- Soil and water conservation measures
- GIS and its application in Agriculture
- Bio-degradable packaging materials
- Innovation in food packaging
- Automation in Farm mechanization
- Bio-Energy Hybrid system
- Recent trends in meat, poultry, fisheries processing
- Innovation in Food processing
- Machine for increased oil extraction for Bio-fuels

General regulations:

1. **ID card** is mandatory
2. **Time management** will be strictly followed
3. Any act against spirit of the event are strictly disqualified without any reason
4. Candidates should send their abstract to our **E-mail ID** on or before specified date
5. Selected candidates will be intimated through their respective E-mail
6. The presentation should be in '**ppt**' forms

7. *Working models, Samples* fetches you extra point
8. Detail of team members: Name, Year, Department, Institute, Contact number, Topic and its description should be mentioned in abstract. The description should be of minimum 120 words to maximum 150 words.
9. A team can have **2 participants**
10. Preference will be given to *original papers*.
11. No participant can be a part of more than one team.
12. There are no restrictions on the number of teams from same college.
13. A participant should not submit more than two papers.
14. The paper's must be one of the mentioned topics.
15. During the event, the participants are given **8 minutes** to present their paper and **2 minutes** for queries.
16. Participants to mail their full paper presentation before event get starts

Note:

1. The judging panel reserves the rights to disqualify the participant team, if any of the rules given above are breached by any participant
2. papers will be judged on
 - Originality
 - Simplicity
 - Objectives
 - Methodology
 - Findings and Analysis
 - Conclusions
 - Implication/Application/Limitations

2) POSTER PRESENTATION

Description:

Creativity takes courage i.e. a picture is a poem without words quoted by Horace. It is a proof quite enough to expose your ideas through a poster with a combination of texts, graphics that can be visually expressed. Sproutzi'18 provides you the space to give shape of your pictorial skills.

Topic:

- Dream agriculture
- Recent trends in food processing
- Automation in farm machinery
- Renewable energy in agriculture
- Apps and Gadgets to enable better irrigation on farming
- Irrigation management

Instructions:

1. Abstracts with originality/inference of your research work must be sent to respective mail Id in IEEE format.
2. Maximum of two authors per team.
3. The poster should be legible including complete methodology and results.
4. The participants are given *8 minutes* to present their paper and *2 minutes* for queries.
5. The posters are judged based on creativity and innovation.

3) CADet:**Description**

The AutoCAD Designing competition to show your talent and capabilities in AutoCAD Design Process and to become the best straight through merit and high-quality performance. We welcome all to participate and enlighten your capabilities.

Rules:

- Minimum 1 and maximum of 3 members are allowed in each team.

- Participants must appear at the competition room at least 15 minutes before the commencement of the competitions.
- Candidates must check AutoCAD software, Mouse & Keyboard before starting the competition.
- Participants must not communicate or disturb another team during the Competition.
- Stationary (pencil, pen, paper etc.) will be provided.
- Calculators will not be provided; so, bring your own calculators.
- Mobile phones should be switched off during the competitions.
- Latecomers will not be given extra time.
- University card and CNIC is necessary.
- Any team found with any kind of cheating materials or illegal resources (e.g. USB, mobile, internet etc.) during the competition will be disqualified.
- Competition Head/Coordinator has the right to disqualify any team in any case.
- No extra time will be given in case of light or PC shut down by any reason, so keep saving your task.
- Judges will analyse performance. Results will be final and unobjectionable.
- Only registered and paid candidates will be allowed.

Rounds:

- First two Rounds on day 1.

Round 1: MCQ's

- Round 1 will be consisting of 30 minutes.
- MCQS regarding different commands and their functionalities or Special functions and names of objects in AutoCAD will be included
- No team will be eliminated in this round.

Round 2: 2D drawings within shortest time

- Round 2 will consist of 30-40 minutes. 2D drawing(s) and objects will be given to participants for implementation
- 50% teams will be eliminated after 2nd round based on the scores of round1 and round2. Only some qualifying teams will be able to participate in the 3rd round.

Final Round: 3D Drawing implementation by a Written Statement

- The final round will consist of 45-60 minutes. A written statement or pictorial hints of drawing would be given to participant for implementation in AutoCAD. where the team which has the correct drawing or the closest will be the winner of the competition.

4) FARM DESIGN

Description:

‘Every idea and innovation need a design which make the dream as real’. So that the propose of design is much closely linked to strategy than aesthetics. A potential design makes productive farming.

Rules:

- The designer should take account of management facilities as energy conservation, waste management, recreation and farm structures such as farm stead, farm ponds, farm house.
- The design should be taken by the participant with them.
- The design is judged based on the innovation and management.
- Maximum 2 members per team.
- The design should be taken up with A₂ sheet either hand draw or print out.
- Dimensions should be in metre and design for an area of 1 hectare.

5) REVEAL THE VRIKSHAZ

Description:

As a starters of an agriculture members of new generation farmers should always be a revealers of hidden secrets of our legacy given by ancestors about the trees which are feeding and flourishing from the beginning of the human races across many countries. This event is such stupendous opportunity to unleash our indigenous trees given by our agrians of mahendra engineering college by the glorious events sproutzi 18.

Rules:

The event is conducted in two phases

Phase 1

The list of trees in description should prepared by the participants and they should express their own facts about the vriksha.

Phase 2

According to content and expression of the participants, they will be scrutinized, and the written exam will be conducted with the time.

The unique features and working principles will be rewarded