



PAAVAI ENGINEERING COLLEGE

(Autonomous)

TECHFINIX'26

DEPARTMENT OF AGRICULTURAL ENGINEERING

1.AGRIX VISION

Faculty Name: MR.N.SATHESWARAN AP/AGRI Faculty Number:8098271534	Student Name: 1.T.AMSAVENI IV Year /AGRI Student Number:1. 7010236316
--	---

EVENT DESCRIPTION:

DURATION – 60 Minutes

In this event, participants will use the Kahoot! platform to identify crop stress conditions from GIS-based satellite images. A satellite image of an agricultural area will be displayed along with a question asking participants to identify the areas showing high, moderate, or low crop stress.

Four answer options will be provided in Kahoot!, and participants must select the most appropriate answer. After the answer is revealed, participants who selected the correct option may be asked to stand and explain the reason for their selection, based on their interpretation of the satellite image and visible crop-stress indicators.

Rules & Guidelines

1. Participants must register before the event begins.
2. The quiz will be conducted using the Kahoot! platform.
3. Each question will contain a GIS/satellite image with four answer options.
4. Participants must select only one answer for each question.
5. Answers must be submitted within the given time limit.
6. Participants should analyze the satellite image before selecting an answer.
7. Correctness and response time may be considered for ranking.
8. Selected participants may be asked to explain the reason behind their answer.
9. The explanation should be based on relevant GIS, satellite-image, and crop-stress indicators.
10. Participants must follow the instructions given by the event coordinators.
11. Any form of unfair assistance or malpractice may lead to disqualification.
12. The organizer/judges' decision will be final.

13. Participants should maintain discipline and ensure proper use of the Kahoot! platform throughout the event.

2.THERMA CHAIN

Faculty Name: MS.K.S.SUBHA AP/AGRI Faculty Number: 9486342715	Student Name: 1 M.SARANYA IV Year /AGRI Student Number:1. 6384096984
---	--

EVENT DESCRIPTION:

DURATION – 60 Minutes

Round 1 – Picture Crunch

Time Limit: 2 minutes per participant/team

Activity: Participants will be given shuffled pictures related to technical/agricultural activities. They must identify the pictures and arrange them in the correct sequence within the given time.

Rules & Guidelines

1. All pictures must be arranged in the correct order.
2. Participants must complete the task within 2 minutes.
3. Marks will be awarded based on accuracy and completion time.

Round 2 – Blank Blitz

Time Limit: 2 minutes per participant/team

Activity: Participants will be given technical/agricultural words and sentences with blanks. They must identify the correct word and raise their hand to answer first.

Rules & Guidelines

1. Only the given technical/agricultural words can be used.
2. The participant who raises the hand first will get the opportunity to answer.
3. The answer must be given within the allotted time.
4. Marks will be awarded for correct answers and quick response.

Round 3 – Word Chain Challenge

Time Limit: As instructed by the coordinators

Activity: The first participant says one technical/agricultural word. The second participant repeats the first word and adds a new word. The third participant repeats the first two words and adds another new word. This continues with each participant adding one new word while correctly remembering all previous words.

Rules & Guidelines

1. Only technical/agricultural-related words are allowed.
2. Every participant must repeat the previous words in the correct order.
3. Each participant must add only one new word.
4. A wrong word or incorrect sequence will result in loss of the turn/marks.
5. Marks will be awarded based on memory, accuracy, and the length of the chain.

3.POWER HITCH PLAYS

Faculty Name: MR.A.MEIGNANAMOORTHI AP/AGRI Faculty Number: 9789424652	Student Name: 1 S.KATHIR IV Year /AGRI Student Number:1. 7812811398
---	---

EVENT DESCRIPTION:

DURATION – 60 Minutes

Power Hitch Play is a practical Agricultural machinery event where participants demonstrate their skills in hitching and connecting farm implements to a tractor. Participants must identify the appropriate hitching system, safely attach the implement, and complete the process accurately within a given time. The event tests practical knowledge of tractors and farm machinery, technical handling skills, speed, accuracy, and safety practices.

Time Limit: 5 minutes per participant/team

RULES AND REGULATIONS:

1. Participants may compete individually or as a team and must complete the tractor–implement hitching task within the allotted 5 minutes.
2. Participants must identify the correct hitching system and select the appropriate hitching points before starting the task.
3. Participants must safely position the tractor and agricultural implement for hitching.
4. The implement must be properly and securely connected to the tractor without external assistance.
5. Participants must demonstrate proper knowledge of three-point linkage, hitch pins, top link, lower links, and safety locking mechanisms, wherever applicable.
6. Safety practices must be followed throughout the activity. Unsafe handling of the tractor or implement may lead to deduction of marks or disqualification.
7. Participants must not operate the tractor or implement in an unsafe manner or beyond the instructions given by the event coordinators.
8. Marks will be awarded based on correct hitching, technical knowledge, handling skill, speed, accuracy, and safety practices.
9. Participants completing the task incorrectly or failing to complete it within the given time will receive reduced marks.