



**PES**

UNIVERSITY

**PRESENTS**

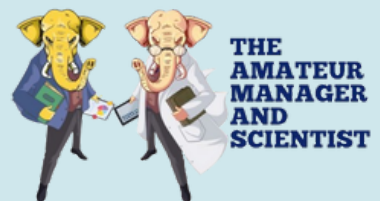
# **THE AMATEUR MANAGER AND SCIENTIST**



**31  
AUGUST  
2024**

# INDEX

<b>ABOUT US</b>	<b>1</b>
<b>EVENTS</b>	<b>3</b>
<b>REGISTRATIONS</b>	<b>10</b>



# ABOUT THE EVENT

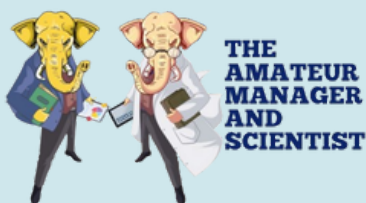
The Amateur Manager and Scientist is a niche platform for young minds to showcase their forte in various branches of science and commerce at a professional level. This event is a fun and educational retreat for all the aspiring engineers, scientists and entrepreneurs out there. Here, students get to participate in various events that would challenge their scientific and business aptitude and help them understand which domain of study interests them.

# ABOUT US

PES University, located in Bangalore is one of India's leading teaching and research universities. The University is committed to providing "navigation for the real world" that inspires students to find their true north. Our students graduate with the ability to adapt to an intellectually and technologically changing environment.

# FOUNDER'S VISION

We realize that our students represent the future of our society and we take our responsibility seriously. We ensure that the rock-solid foundation we help them build here - both in terms of skills and values - will stand them in good stead, no matter which career they choose.



# SHARK TANK

Teams dive into a brain-bending challenge, drawing from the excitement of Shark Tank. They unleash their creativity and persuasion skills to impress judges and win over audiences, aiming for entrepreneurial success emerging as the Last One Standing!! Join us for a dynamic team-building experience that will challenge your creativity, communication, and problem-solving skills! Inspired by the hit show Shark Tank, a brain workout for teams to unbox your flair for ideation, influencing and winning over minds.

**Type of event:** Competition

**Event Flow:**

Number of rounds: 4

Round 1: Elevator pitch

Round 2: Networking

Round 3: Crisis Management

Round 4: Final Investment

Bring your A-game!

**Event Prerequisites:** A prior understanding or an in interest in the field of entrepreneurship and public speaking skills

**Participation format:**

Number of participants -500

Number of teams - 125

Number of people in one team - 3-4



# ENGINEERING THE FUTURE: CAR EDITION

Design your dream car ! Join us for a day of innovation, friendly rivalry, and hands-on problem-solving. Dive into an exciting engineering competition that will put your creativity and technical skills to the test, the Future Wheels: Mini Car Challenge in which you will be designing and building a miniature motorized car in this hands-on competition.

**Type of event:** Workshop

## Event Flow:

- Technical Workshop: Learn about electrical connections and component assembly.
- Design Phase: Create a blueprint for your unique vehicle.
- Construction: Build your car using provided materials and your ingenuity.

## Event Prerequisites:

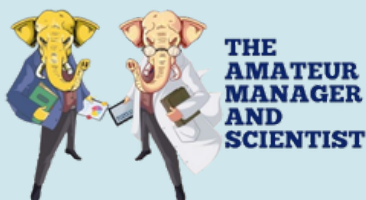
An interest in cars and automobiles and a general understanding of how different electrical components work.

## Participation format:

Number of participants - 240

Number of teams - 60

Number of people in one team - **4**



# ENGINEERING THE FUTURE: BRIDGE EDITION

Join us for an exciting version of Engineering the Future, the Bridge edition where your inner architect shines in this workshop cum competition for you will be tasked to build a weight bearing bridge just by using popsicle sticks, glue, and string to emerge as the winner.

## Event Flow:

- Initial Design & Construction
- Surprise Challenge
- Final Weight Test - Highest load capacity wins!

**Event Prerequisites:** None

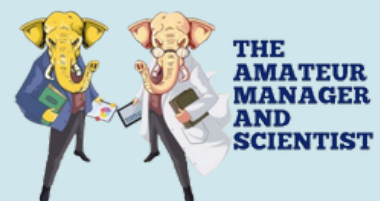
## Participation format:

Number of participants - 180

Number of teams - 60

Number of people in one team - 3

Both Engineering the Future events offer fantastic opportunities for aspiring engineers to apply mechanical knowledge, creative thinking, and problem-solving skills. Don't miss out on these thrilling competitions that bridge classroom concepts with real-world applications!



# ENGINEERING THE FUTURE: AEROQUEST

Blast Off! Ready to send a rocket flying into the sky? Launch your creativity in our hands-on rocketry workshop! Design and build your rocket using everyday materials, then watch your invention soar in an exciting test flight. Prepare to embark on an exhilarating journey into the cosmos with our immersive rocketry workshop! With ingenuity as your guiding star and everyday materials as your cosmic clay, ignite your imagination as you forge your rocket. Get ready to defy gravity and soar to new heights in this thrilling adventure of exploration and discovery!

**Type of Event:** Workshop + Competition

**Event Flow :**

1. Workshop Session
  - Rocket Science 101:
    - Brief introduction to the principles of rocket propulsion
    - Explanation of aerodynamics and stability
2. Building the Rocket:
  - Step-by-step guidance on building the bottle rocket
  - Demonstration of different design techniques for fins and nose cones
  - Tips on optimizing the rocket for height and distance
3. Competition - Final adjustments and decoration of rockets
4. Judging and Reviewing

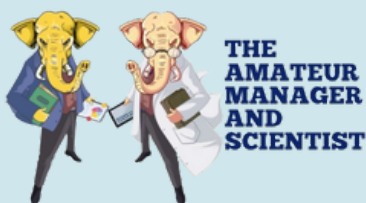
**Event Prerequisites:** None

**Participation format:**

Number of participants - 216

Number of teams - 72

Number of people in one team - 3



# THE ENTERTAINER

Join "THE ENTERTAINER," a dynamic event testing your communication, public speaking, and creativity. Showcase your wit and spontaneity in stand-up comedy, impromptu speaking, and commentary across three exciting rounds. Prove your prowess and captivate the audience with your charm and quick thinking. Ready to take the stage and shine? Participate now and let your talent entertain the crowd!

**Type of Event:** Competition

## Event Flow :

Round 1 : Kiss & Kick

A topic / scenario is given to you and 20 seconds to think . Once the prompter says kiss you speak for the topic and once they say kick you speak against it. The time given will be 2 mins. Qualified students will move to Round 2: The Mic Stand.

Round 2: The Mic Stand.

Round 3: Impact Commentator

The sports season has begun! We are in dire need of commentators who can use their humour and wit to charm the audience. You can participate in teams of three and choose between cricket and football. A virtual game will run, and you will provide commentary.

## Topic announcement:

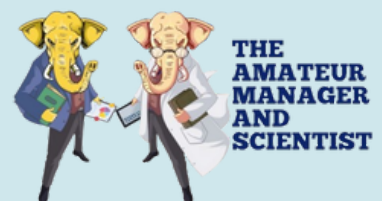
Topic will be announced on the day of the event.

## Participation Format:

Number of participants - 150

Number of people in one team (Kiss & Kick) - 1 per team

Number of people in one team (The impact commentator) - 2-3 per team





# THE HIDDEN HAND

Step into 'Hidden Hand', a thrilling murder mystery with an economic twist. Solve a notorious historical murder reimagined with a killer driven by economic motives. This immersive game blends suspense with game theory. Navigate three intense rounds, using clues and strategic thinking to unravel the mystery. Each round will bring you closer to unveiling the true culprit and their hidden agenda. Are you ready to challenge your wits and delve into a world where history and mystery collide?"

**Type of Event:** Competition

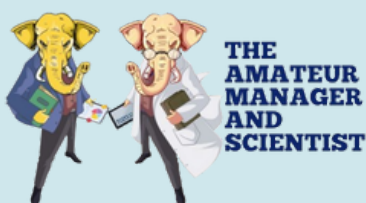
## **Event Prerequisites:**

The students are required to carry at least one mobile per team.  
Does not require any prior preparation.

## **Participation format:**

Number of teams - 100-150 teams

Number of people in one team - 3-5



# HACKASTRACH

Embark on a journey of innovation as you fashion your unique gaming experience using the intuitive platform of Scratch. From captivating narratives to thrilling gameplay mechanics, the possibilities are limitless. Throughout the process, our dedicated team of mentors will be on hand to provide expert guidance and technical support, ensuring every duo can bring their game ideas to life. This event is designed to spark imagination, foster collaboration, and unleash the potential game developer in every participant.

**Type of event:** Workshop + Competition

**Event flow:**

PHASE 1: Workshop - Brief introduction to Scratch, explaining its features and capabilities

PHASE 2: Competition - Teams should have 2 students and they will be provided with a single computer.

**Event Prerequisites:**

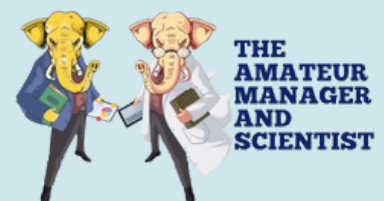
Basic knowledge of Scratch is appreciated.

**Participation format:**

Number of participants - 228

Number of teams - 76

Number of people in one team - 2



# RUBE'S GIZMO GALORE

Dive into a world of imagination and innovation! Craft intricate contraptions, turn tasks into feats, and showcase brilliance in a creative camaraderie event! Enter Rube's Gizmo Galore, an exhilarating event of innovation and teamwork where participants craft intricate contraptions to turn simple tasks into spectacular feats. Through creative thinking and ingenuity, they compete to showcase their brilliance and push the boundaries of imagination.

**Type of event:** Competition

## **Event Flow:**

There will be 3 rounds to this event.

Round 1: Design / creative thinking quiz

Round 2: Creation of the idea through picking chits determining the topic to build the working model.

Round 3: Top teams selected will be provided materials to build the model. Fastest and most efficient machine wins!

**Event Prerequisites:** None

## **Participation format:**

Number of participants - 400

Number of teams - sorted during the event based on performance

Number of people in one team - participants will be sorted during the event based on performance



# RUIN'S TO RICHES

Step into "RUINS TO RICHES," a strategic bidding game where participants build a fictional city using acquired resources. Plan your project while testing your strategic thinking, negotiating skills, and teamwork. Bid wisely, collaborate effectively, and transform ruins into riches. Ready to showcase your city's potential

**Type of Event:** Competition

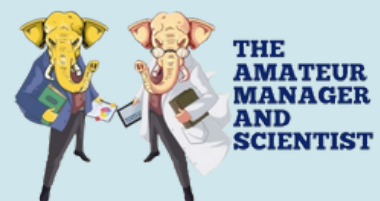
**Event Prerequisites:**

- Participants must bring a laptop and writing materials.
- Participants must have knowledge about bidding and creating business plans.

**Participation format:**

Number of teams - 20-25

Number of people in one team - 3-5



# SCIENCE CARNIVAL

Join us at the Science Carnival, where curiosity meets excitement! This event is designed to inspire and engage minds of all ages through interactive exhibits, hands-on experiments, and captivating demonstrations.

Explore the wonders of science, technology, engineering, and mathematics (STEM) in a fun and festive atmosphere. Whether you're a budding scientist, a curious explorer, or simply seeking a day of educational entertainment, the Science Carnival promises a thrilling adventure into the world of discovery and innovation. Come and ignite your passion for science!

**Type of event:** Games and Activities

## Event Flow:

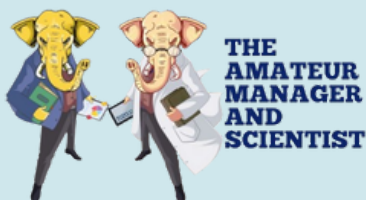
1. Model - making competition: Join us for an exciting model-making competition, where participants will use everyday principles of physics, chemistry, and biology to create innovative solutions to daily life problems.
2. Club Showcase: Discover the amazing projects conducted by our talented science clubs.
3. Interesting Science Experiments: Witness exciting experiments that will spark your curiosity and amaze you.
4. Mini Games: Test your knowledge and skills with games like "Guess the Scientist," "Blow the Balloon and Bust in a Minute," and "Quizathon" focusing on math and science.

## Event Prerequisites:

Students taking part in Model Making must submit a video of the working model with its functionality and use case with daily life applications. Bonus points for extra creativity!!

## Participation format:

Individual event



# GAME OF INTELLECTS

Prepare yourself for an exhilarating journey , where you'll harness the collective power of your minds. Engage in quiz challenges that will twist your thinking, solve mind-bending puzzles that'll spin your intellect. Only the most adept will claim the coveted title of 'Ultimate Champion'. Want to race in the Battle of Intellects?

Unlock the power of your collective minds through quiz twisters and enter the inner circle, where you will face intellectual challenges with a twist to earn your place as the Ultimate Champion.

**Type of event:** Competition

**Event flow:**

Participants will go through 3 exhilarating rounds.

Round 1: Computer-based quiz with challenging questions to encourage critical thinking.

Round 2: Navigate interactive puzzles inspired by games and quizzes.

Round 3: Top 10 face off in a buzzer round.

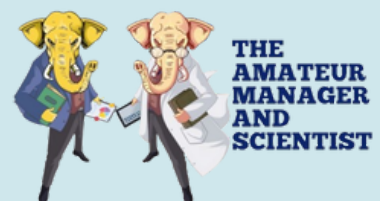
**Event Prerequisites:** None

**Participation format:**

Number of participants - 700

Number of teams - 700

Number of people in one team - **1**



# JEOPARDY

"Unlock the Fun in Knowledge! On Jeopardy, we give the answers, and you respond with the questions. Are you ready to flip the script?" Prove your trivia prowess in this thrilling showdown of intellect and risk-taking. Will you seize the spotlight and emerge victorious, or will you falter under the pressure? Jeopardy is a quiz show that has a unique answer and question format in which contestants are presented with clues in the form of answers and must phrase their responses in the form of a question.

**Type of Event:** Competition

## **Event Flow:**

Round 1(Qualifiers) :

All teams will go through 2 boards of jeopardy and the 2 teams having the highest points will advance onto the last round

Round 2(Finals) :

Ten teams selected from the qualifiers will go through 2 more boards of jeopardy and the top 2 teams at the end of this round will go through a price is right round to crown the final winner

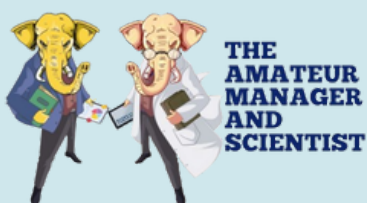
**Event Prerequisites:** None

## **Participation format:**

Number of participants - 200

Number of teams - 50

Number of people in one team - **4**



# INNOVATE AND AUTOMATE

Dive into the captivating realm where creativity converges with technology, offering students an unparalleled immersive learning experience. Witness the magic of the Electric Bell, delve into the fundamentals of fire safety, and prepare to ignite your curiosity and unleash your potential in the exhilarating world of robotics—all under the expert guidance of our instructors! Participants will dive into the exciting world of electronics, creating fascinating projects using everyday household components.

**Type of event:** Workshop

## **Event Flow :**

1. Workshop and Hands on making of Electric Bell and testing of their bells
2. Lunch break
3. Workshop and Hands on making of Fire alarm and Smoke sensor and testing of their fire alarm systems

## **Event Prerequisites:**

A basic understanding of an Arduino circuit is appreciated.

## **Participation format:**

Number of participants - 342

Number of teams - 114

Number of people in one team - **3**





# EUREKA EXPO

Welcome to 'Eureka Expo', a business exhibition where participants showcase innovative business ideas spanning ancient, present, and futuristic models. Conduct market research, gain economic insights, and navigate marketplaces through the lens of businessmen from different eras. Engage in activities like poster making, social media marketing, and presentations. Step into the shoes of visionary entrepreneurs and present your groundbreaking solutions. Join now and be part of a dynamic, insightful experience!

## **Topic announcement:**

Eras will be assigned to registered participants a week before the event.

**Type of Event:** Competition

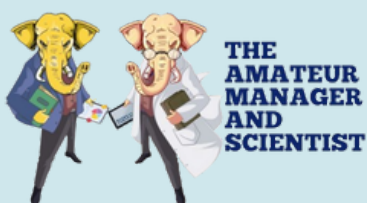
## **Event Prerequisites:**

- Participants need to design and prepare advertisements for their stalls in advance.
- Prepare a presentation on their business ideas.
- Laptop and craft materials.

## **Participation Format:**

Number of teams - 20-40

Number of people in one team - 3-5



# INVESTOR'S EDGE

Discover 'The Investor's Edge', an engaging event for students eager to learn about the stock market and financial literacy. Participate in simulated trades and a quiz segment on company knowledge and personal finance. Gain practical investment skills and financial insights in a comprehensive learning experience. Ready to sharpen your financial acumen? Join now and get the edge in investing!

**Type of Event:** Competition

**Event Prerequisites:**

- No preparation is required. However, a basic knowledge of stock market concepts and current events related to companies might be beneficial.
- Participants must bring a calculator, notepad and pen.

**Participation format:**

Number of teams - 50

Number of people in one team - **Solo or 2-4 per team**



# CONQUERORS OF CONTROVERSY

Engage in a day of quick thinking and persuasive debates! Showcase your skills in delivering concise talks and engaging in structured debates on various science topics. This event offers a unique platform to demonstrate your knowledge, sharpen your argumentative abilities, and engage with others in stimulating discussions. Don't miss this opportunity to stand out and make your voice heard in scientific debate and discourse!

**Type of event:** Competition

## **Event Flow:**

Round 1:

JAMBUSTERS - Each contestant gives a concise 1-minute talk on a topic chosen on the spot.

Round 2:

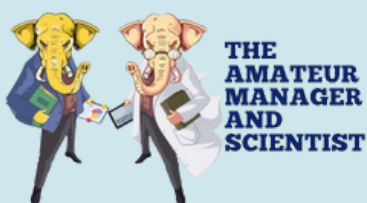
DEBATE ROUND- Finalists will be organized into groups, which will engage in structured debates on controversial science topics.

**Event Prerequisites:** None

## **Participation format:**

Number of participants - 320

Number of people in one team - 1



# NARRATIVE NEXUS

Unleash your creativity by writing a scientific story and bringing it to life with AI-generated images at our innovative event! Craft your own captivating sci-fi story and then watch it come to life through the power of AI-generated imagery. Whether you're an aspiring writer, a tech enthusiast, or simply curious about the intersection of creativity and AI, this event offers a fascinating opportunity to explore new frontiers in storytelling. Let your creativity soar and discover the endless possibilities when human ingenuity meets AI artistry!

**Type of event:** Workshop + Competition

## Event Flow:

- Phase 1: Workshop  
Students will be given a walkthrough and will be informed about the event flow.
- Phase 2: Competition
  - Part 1: story writing
  - Part 2: Image generation
  - Part 3: Reviews and Selection
  - Part 4: Submission and presentation

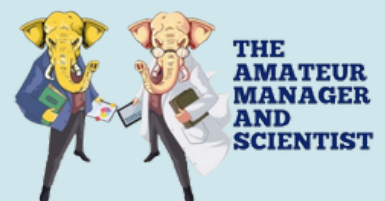
**Event Prerequisites:** None

## Participation format:

Number of participants - 300

Number of teams - 100

Number of people in one team - 3



# MONOPOLY MADNESS

This exhilarating event takes the classic Monopoly board game to a whole new level. Participants will engage in multiple rounds of strategic gameplay, buying, trading, and developing properties to build their empires. Get ready for an unforgettable experience of fun, strategy, and fierce competition as you aim to bankrupt your rivals and claim the title of Ultimate Real Estate Mogul!!

**Event type:** Competition

**Event Prerequisites:**

Participants must bring a calculator or a mobile.

**Participation format:**

Number of teams - 100-150

Number of people in one team - 3-5



# **TECH TOXIN**

## **THE LAB ESCAPE**

Advanced robotics, cutting-edge chemical research, and a super intelligent control system named ARI are at risk. A group of hackers is trying to steal our tech secrets, and we need your help to stop them! Solve puzzles to escape the room and prevent them from taking over. Navigate through the facility and find the code to make your escape. Showcase your problem-solving skills and join us for this exciting challenge..

**Type of event:** Games and Activities

**Rules:**

Participants must exit the room within 30 minutes and further rules will be explained at the venue.

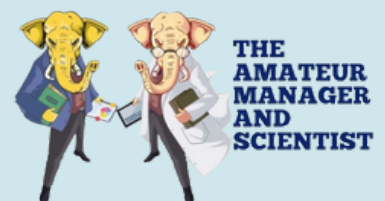
**Event Prerequisites:** None

**Participation format:**

Number of participants - 240

Number of teams - 60

Number of people in one team - 4



# MARKET MARVELS

Unleash your inner marketing genius and showcase your creative flair and persuasive power. This competition will put your advertising skills to the test across three challenging rounds. Do you have what it takes to be crowned the Marketing Marvel?

**Topic announcement:**

Topic will be announced on the day of the event.

**Type of Event:** Competition

**Event Prerequisites:**

Participants must bring their own laptop.

**Participation format:**

Number of teams - 80-100

Number of people in one team - 3-5



# OPERATION SHERLOCK

In 'Operation Sherlock,' your mission is to find a missing businessperson. Follow a series of cryptic clues that demand sharp general knowledge and logical prowess. This two-round challenge will push your teamwork, critical thinking, and problem-solving skills to their limits as you race against time. Ready to crack the case and claim your victory?

**Type of Event:** Competition

**Event Prerequisites:**

- Participants should familiarize themselves with the achievements and backgrounds of some of the world's most successful business leaders.
- Participants are required to bring a notepad and a pen.

**Participation format:**

Number of teams - 100-150 teams

Number of people in one team - 3-5





# CHAMBER OF REFLECTION

Enter the "Chambers of Reflection," an escape room that challenges your mind with the psychology of illusion, memory, and cryptic codes. Solve enigmatic puzzles to advance to the next room. This immersive experience tests your mental acuity and teamwork. Ready to unlock the secrets and find your way out?

**Type of Event:** Competition

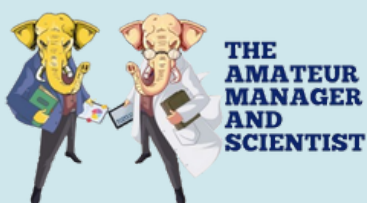
**Event Prerequisites:**

- Participants are required to bring a notepad and a pen.
- Doesn't require any prior preparation.

**Participation format:**

Number of teams - 150

Number of people in one team - 3-5





## **REGISTRATIONS**

### **On spot registrations:**

Google form available at school

### **Online registrations**

Google form linked on the website

### **Last day to register:**

**24 AUGUST 2024**



**Questions?**

**Contact Us:**



pesu.tams



www.tams.pes.edu



tams@pes.edu