

# **PAAVAI ENGINEERING COLLEGE**

**(Autonomous)**

## **DEPARTMENT OF CYBER SECURITY**

### **TECHFINIX'25**

#### **EVENT NAME: CAPTURE THE FLAG**

##### **CTF Event Description:**

A hearty salute to all the participants of our Cyber Security Capture the Flag (CTF) event! This competition is designed for individuals or teams to solve various challenges related to areas like cryptography, web security, forensics, and reverse engineering. Each challenge contains a hidden flag that must be found and submitted to score points. The competition encourages problem-solving, teamwork, and practical learning, making it a fun and engaging way to gain real-world Cyber Security experience. So get ready to dive into thrilling challenges and showcase your Cyber Security skills!

##### **Rules and Guidelines:**

- Team Composition: Each team can have a maximum of 4 members.
- Any collaboration between teams during the CTF will result in immediate disqualification.

##### **Competition Details:**

- This competition consists of several challenges of varying difficulty. Teams need to solve as many challenges as possible within the given time to accumulate points.
- Exciting cash prizes and certificates for winners

##### **Use of Tools and Resources:**

Participants may use any tools, programming languages, or reference materials, but collaborating with other teams is not allowed.

#### **EVENT NAME: Case 404 - Digital Forensic**

##### **Description:**

Case 404 is a thrilling technical challenge designed to test participants' problem-solving, logical thinking, and analytical skills. Teams of two will face a series of intriguing rounds where only the best advance to the next stage. Bring your mobile phone and pen—every clue counts as you uncover the missing case!

## **Terms & Conditions:**

1. Each team must consist of exactly two members.
2. Only the teams shortlisted in the first round will be eligible to participate in the second round.
3. Participants are required to bring their mobile phones and a pen for the event.

## **EVENT NAME: Hidden Art and Hunt**

### **Hidden Art and Hunt Event Description**

Hidden Art and Hunt is a fun and mind-challenging cybersecurity puzzle hunt. Participants will explore hidden clues inside images and files, decode secret messages, and solve digital mysteries. Each round will test observation, logic, and creativity—just like a real cybersecurity investigator!

### **Rules & Guidelines:**

- Participants can play individually or in small teams (as allowed).
- Internet tools like Google, online decoders, or analyzers can be used.
- Do not share answers with others.
- Submit all answers through the given Google Form to confirm progress.
- Fake or repeated submissions will lead to disqualification.
- Winners will be decided based on accuracy, creativity, and time taken.

## **Rounds**

### **Round 1 – The Hidden Puzzle Hunt**

- Participants receive digital clues, images, or encrypted files.
- They must find hidden messages, decode patterns, and unlock ZIP files.
- Successful participants move to the next round.

### **Round 2 – Create Your Own Hidden Logic**

- Selected participants must design and submit their own hidden puzzle or logic (for example, an image with a hidden code or a creative encryption).
- Submissions will be judged based on creativity, originality, and technical concept.
- The top 3 creative entries will be selected as the final winners.