

# Syntropy 2024: Amplifying Ambitions

## Che-Mystery

### Rules and Regulations

#### Registration Fees

Rs. 100/- per team (Team of 4)

#### Prizes

- **Winner:** Rs. 800/-
  - **Runner-up:** Rs. 600/-
- And certificates for all participants!

#### Date, Time and Venue

Round	Date	Time	Venue
Round 1: Cryptic Crossword	20 <sup>th</sup> April, 2024	9:00 – 10:00 AM	BJ 309
Round 2: Riddle Solving and Lab	20 <sup>th</sup> April, 2024	1:45 – 3:00 PM	BJ 107

#### Gameplay and Rules

- Phones are not allowed during the competition. They will be collected and kept in a basket by the volunteers
- Participants can only be a part of one team

The competition consists of two rounds:

##### Round 1: Cryptic Crossword

- **Topics:** 11<sup>th</sup> and 12<sup>th</sup> grade science and basic chemistry
- **Duration:** 30 minutes
- Teams decode 10 clues related to the topics

##### Round 2: Riddle Solving and Chemical Compound Synthesis

- Teams receive story-based questions with answers leading to the correct chemicals and their amounts

- Using the provided chemicals, teams synthesize colored compounds based on the clues
- Each synthesized compound must be approved by the assigned volunteers and the faculty in charge
- Teams progress to the next round only after successfully synthesizing the expected compound
- The fastest team to progress through all the rounds wins

At the end of the competition, teams must solve a final riddle to activate the last compound

## Judging Criteria

- **Round 1:** The fastest teams to submit the crossword sheet with correct answers within 30 minutes qualify for the next round
- **Round 2:** The first team to answer the questions correctly and complete the experiments wins the competition. The next team to finish earliest will be awarded the Runner-up position