



# POORNIMA

## INSTITUTE OF ENGINEERING & TECHNOLOGY

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### STUDENTS' COUNCIL



### Report for Treasure Hunt

On 4th March 2023, the Aptineus Club hosted a treasure hunt in AAROHAN 2023. The event saw participation from around 80 students, who formed around 20+ teams to take part in the game. The objective of the game was to find the hidden treasure by following the clues that were hidden around the campus. The game was designed to be challenging and required the teams to work together to solve the clues.

After several hours of intense searching, one team consisting of five members emerged as the winner. They successfully solved all the clues and found the treasure before any other team.



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The clues that were hidden around the campus were a mix of riddles, puzzles, and physical objects. This made the game interesting and engaging for the participants. The teams had to think creatively to solve the clues and find the hidden treasure.

The students thoroughly enjoyed the event and had a great time. They appreciated the opportunity to work together in teams and the challenge of solving the clues. The treasure hunt not only provided a fun activity but also helped to promote teamwork, problem-solving, and critical thinking skills.

In conclusion, the treasure hunt organized by the core team of Aptineus Club was a great success. It provided an opportunity for students to engage in a fun activity while also developing important skills. Congratulations again to the winning team(Given Below)

Winners		
1	Aditi Maheshwari	PCE19IT001
2	Yograj Sharma	PIET19CS195
3	Harsh Bansal	PIET19CS065
4	Akhilesh Kumar Patil	PIET19CE003
5	Mohammad Asif Neyazi	PIET21CA029



**Report of Mind Fest**



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On 2nd March 2023, the Aptineus Club organized Mind Fest (an Aptitude competition), which saw participation from around 58 students. The event consisted of 5 rounds of increasing difficulty. The first and second rounds were simple logical questions, while the third and fourth rounds were riddle rounds. The fifth and final round was a Sudoku round.

The students participated in sets of 5 at a time, and a total of 12 sets were conducted throughout the event. The objective of the competition was to complete all the rounds in the shortest possible time. Akhilesh Kumar Patil (PIET19CE003) emerged as the winner of the competition, and congratulations to him for his excellent performance.

The competition was designed to challenge the students' thinking abilities and logical reasoning skills. The rounds tested different aspects of their thinking capabilities, from simple logical reasoning to complex puzzles. The inclusion of Sudoku in the final round added an extra level of challenge to the game.

The students thoroughly enjoyed the competition and appreciated the opportunity to test their skills against their peers. The event not only provided a fun activity but also helped to develop the students' critical thinking and problem-solving skills. The students were able to showcase their talent and compete in a healthy and positive environment.

In conclusion, the Mind Fest event organized by the Aptineus Club was a great success. The event provided a platform for students to showcase their thinking abilities and helped to develop their logical reasoning skills. The students enjoyed the event, and it was a great learning experience for all involved.

**Here are the Glimpses of the event:**



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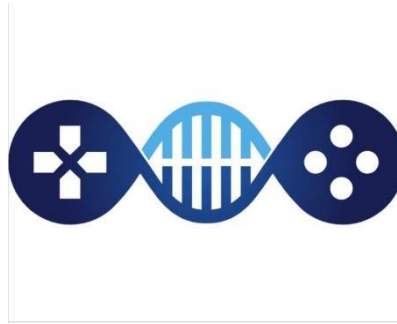


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### REPORT: REBEL YELL 2.0



On 7<sup>th</sup> and 8<sup>th</sup> December 2022, students from Poornima College of Engineering (PCE) and Poornima Institute of Engineering and Technology (PIET) were invited to participate in the Gaming and Development Session “Rebel Yell 2.0”. It was organised by the Gaming and Development Club in collaboration with Hack Club Poornima and Student Council.

On 7<sup>th</sup> December, BGMI competition was conducted. More than 150 students participated in it. It was amazing to see their love for the game and their amazing gameplay.

On 8<sup>th</sup> December, Valorant and Fall Guys competition was conducted. Around 50 students participated in the competition. It was a very tough competition between the players. They were very passionate about winning.

Finally, Rebel Yell 2.0 came to an end on 8<sup>th</sup> of December. It was a very fun and amazing competition. All the students enjoyed it a lot.



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### Udaan Aeromodelling Club



<https://udaan-aeromodelling-club.business.site/>

### AEROMODELING WORKSHOP(AAROHAN)

#### Introduction

An aero modelling workshop was conducted on the 1<sup>st</sup> day of aarohan 2023 event. In this workshop around 30 students have taken part. This workshop was conducted by udaan aero modelling club. In this workshop we taught students about model aircraft and their uses, we also taught students about manufacturing of the model aircraft.



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### **Aeromodelling workshop**

A model aircraft is a small unmanned aircraft. Many are replicas of real aircraft. Model aircraft are divided into two basic groups: flying and non-flying. Non-flying models are also termed static, display, or shelf model. Aircraft manufacturers and researchers make wind tunnel models for testing aerodynamic properties, for basic research, or for the development of new designs. Sometimes only part of the aircraft is modelled.

### **Types of planes**

In this session we taught 1<sup>st</sup> year students about different types of planes and their uses. We showed every student hands-on experience with different types of planes. The uses of different types of planes ranged from small to big wing span.

### **Flying models**

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Generally known collectively as aero modelling, some flying models resemble scaled down versions of full scale aircraft, while others are built with no intention of looking like real aircraft. There are also models of birds, bats and pterosaurs. The reduced size affects the model's Reynolds number which determines how the air reacts when flowing past the model,



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Affiliated to RTU, Kota • Approved by AICTE & UGC under 2(f) • Accredited by NAAC and NBA and compared to a full sized aircraft the size of control surfaces needed, the stability and the effectiveness of specific airfoil sections may differ considerably requiring changes to the design.



### **The simulation**

To make students better understand about working and flying of planes we introduced computer based plane simulation software to them. We taught them that plane flying can be dangerous as the vehicle travels at a very high speed so we should get familiar with flying before flying a real plane. We clarified the doubts of students about model planes by simulating a plane on the computer and increased their interest by presenting a short film about aero modelling.

### **Plane Manufacturing**

As the session went on we introduced students to manufacturing planes. Flying models construction may differ from that of static models as both weight and strength are major considerations. Flying models borrow construction techniques from full-sized aircraft although the use of metal is limited. These might consist of forming a frame using thin planks of a light wood such as balsa to duplicate the formers, spars, and ribs of a vintage full-size aircraft, or, on larger (usually powered) models where weight is less of a factor, sheets of wood, expanded polystyrene, and wood veneers may be employed. It is then given a smooth sealed surface.