

IISER BERHAMPUK PRESENTS

INVENIO

VIRTUAL PHASE



ABOUT INVENIO

Invenio, the very first science festival of IISER Berhampur, is a joyful celebration of science, creativity, and endless curiosity. Inspired by the Latin word for discovery, "Invento," it embodies our unwavering love for exploring the marvels of scientific knowledge. Join us on September 15th and 16th, 2024, for a journey that will delve into the wonders of scientific exploration and awaken the curiosity inside you.

Theme of the year 2024: "Unveiling The Scientific Chain Reaction"

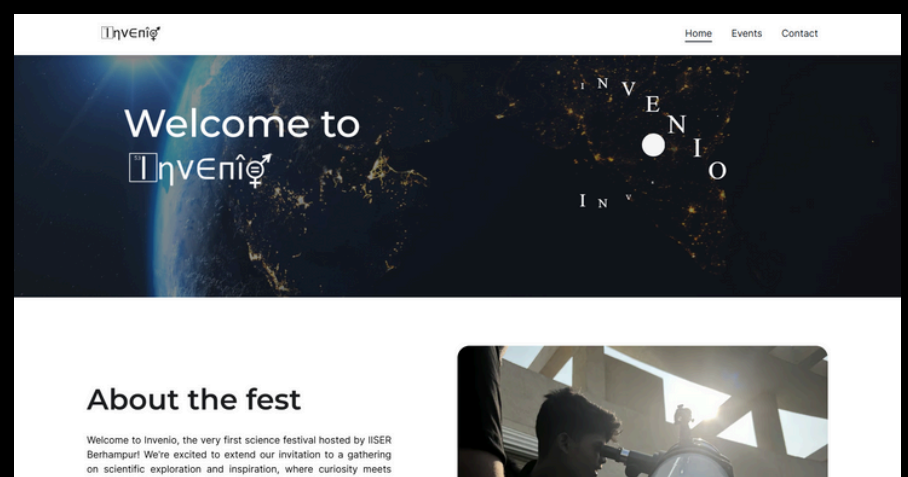
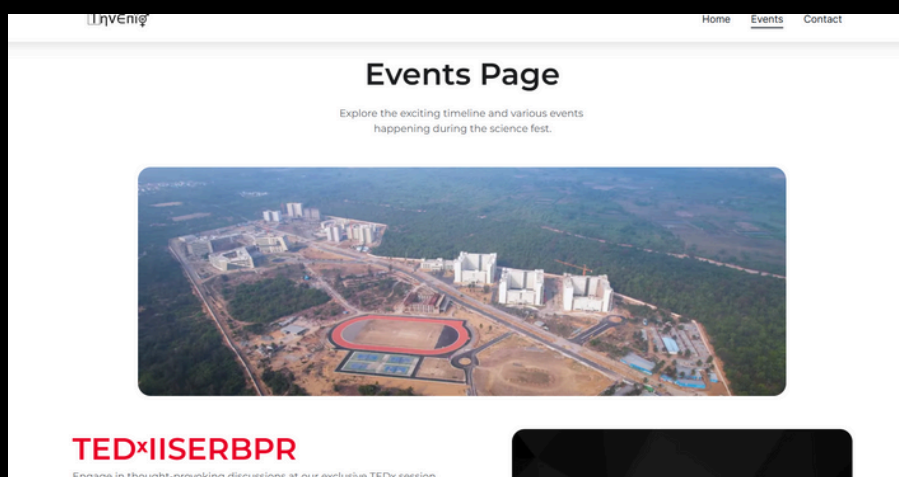
This theme explores the deep connections within complex systems, showing how a single change can have far-reaching and sometimes surprising effects. Understanding these cascades can offer valuable insights into managing and balancing various systems in our world. Join us at Invenio, where every moment is an opportunity to uncover the mysteries of science and discover the beauty of interconnectedness.

Get ready to be inspired by fascinating TEDx talks, where brilliant minds share groundbreaking ideas and stories that will touch your heart. Engage in thrilling club competitions, where you can showcase your talents and creativity in solving challenges, fostering a spirit of friendly competition and collaboration.

But Invenio is much more than just competitions; it offers a wide range of events like poster presentations, model United Nations, and panel discussions on science communication. Explore unique activities that blend the excitement of discovery with the joy of innovation. Invenio isn't just an event; it's a place where you can connect with respected scholars, researchers, and industry professionals, and together, embark on a journey of learning and inspiration.

CHECK OUR WEBSITE NOW!

<https://invenio.iiserbpr.ac.in/>



VASUDHA

Earth and Environmental Sciences Club

KIMBERLITES

Join Us for the hunt of the **Heaven's Tear!**

This is an excellent opportunity for participants to showcase their knowledge, critical thinking, and problem-solving skills in a competitive yet collaborative environment.

Team Composition: This is a 2-person team event. However lone wolves are also welcome.

EVENT HIGHLIGHTS:

Prelims: **The Chosen Ones**

Round 1 - No Negative, No Elimination: It is majorly a quiz event. This round includes a pounce system. Points from this round will carry over to the next. Topic will be general earth and environmental science questions.

Round 2 – The top 7 teams will be selected based on their performance. This round feature linking pictures, audio-visual questions, and critical thinking challenges. Points from Round 1 will be added to the scores in this round.

Finale: **The Hunt!**

The chosen Gem Seekers are set to embark on a grand voyage aboard the majestic cruise for the mysterious island. The 7 teams will be given a structural map of the island. They have to state the correct rock type of a given layer by hand specimen or optical analysis of the rock sample. Identifying correct rock type of the first layer will give them a key to the second layer. Repeating the same when they will reach to third layer they need to identify the diamond bearing rock. The first identify it correctly wins and second team will be the Runners-up. As the prize for finding the treasure-Diamond bearing rock, these endowed geologists will be given Cash-prizes.

Registration Fee:50 Rupees for Students outside IISER Berhampur

LAST DATE OF REGISTRATION: 15 JULY 2024

Registration Link: [Click here](#) (rules over here)

INVENIT

SETTLERS



Selection Phase: It is an intercollege online quiz competition. A team of 2 and sole individuals are allowed.

The Hunt: Top 7 teams will be selected from the virtual round to participate in the Grand Treasure hunt held offline

Your Guides for the Hunt

Rohit Ghosh(6290434595), Dipti Rani Behra(9348556746)

1st

PRIZE

₹4500/-

Scan the QR
For registration
and more details



NAXATRA

Astronomy club

X- RAY Astronomy Data Analysis Workshop

This will be a virtual workshop which will consist of four sessions, including lectures and hands-on activities. The sessions will be led by esteemed professors in the field of X-ray Astronomy and they will provide an interactive experience of this field. The workshop aims to introduce the audience to astronomy and provide hands-on experience with data analysis. We also hope to learn about various X-ray payloads from different Indian satellites like Astrosat and Chandra, as well as future research opportunities and career prospects.

Speakers will be announced soon.

Last date of registration is 25 July 2024

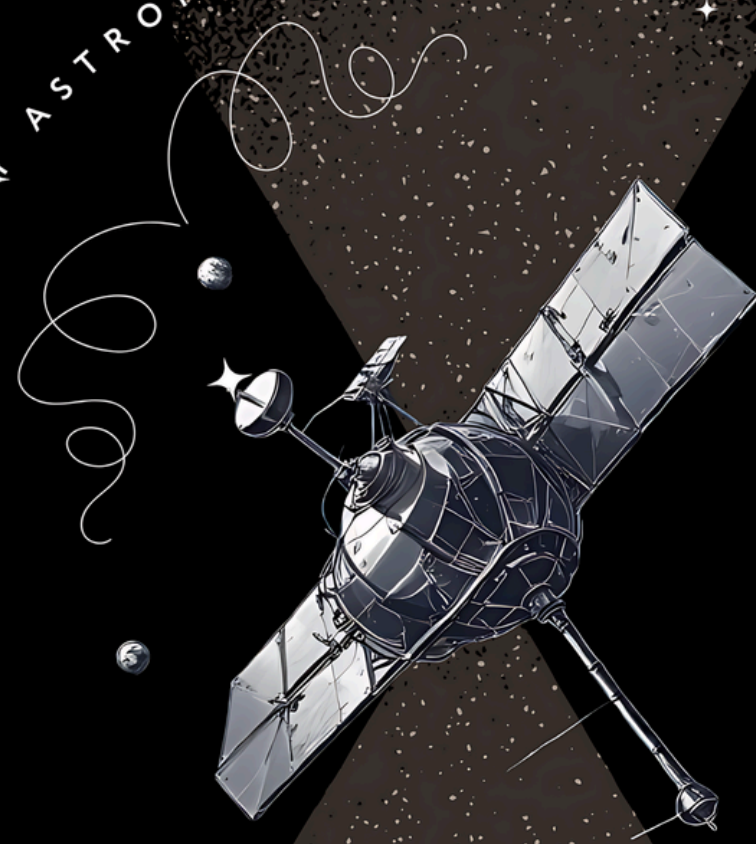
Registration Link: [Click here](#) (rules over here)

Date: 27 July and 28 July

NAXATRA PRESENTS

INVENIO WORKSHOP

X-RAY ASTRONOMY DATA ANALYSIS WORKSHOP



NAXATRA

FOR THE VIRTUAL PHASE

STAY TUNED FOR UPDATES

**X-RAY ASTRONOMY DATA ANALYSIS VIRTUAL
WORKSHOP**

OPEN TO ALL UG, PG/PhD STUDENTS

SPEAKERS TO BE ANNOUNCED SHORTLY

Chetan Prakash - 9013022621
Adrija Pal - 8730850728



Scan to register

OASIS

Ecology club

Rage of the Guardians

Rage of the Guardians' will be a four-round ecology-based, the first three rounds will be online, and the final round will be offline. Last date of registration is 17 July 2024.

Each team is allowed to have maximum 3 participants

The four rounds are as follows:

Would you rather? :

Out of the two options presented, choose the right one to get one step closer to the next round.

Ecology and Maths:

A marriage between two distant disciplines. Witness unique riddles/ questions and demolish them to barge into the next round.

Ohh chit!! :

Out of all the divine possibilities created by our talented team, each participating team gets a topic randomly and presents their opinion/ solution on the spot.

Sicilian Defense:

Each team is assigned a topic ahead of time; they will have to prepare a presentation on the assigned topic to defend and present their ideas from the bloodthirsty jury and other teams. The team with the most well-researched presentation and satisfactory answer wins.

Qualifiers of round three will receive an offline invitation to round four.

Winning team and first runners up will get exciting monetary awards, while our offline qualifiers will receive a surprise present.

Registration Link: [Click here](#) (rules over here)

OASIS PRESENTS

INVENIT RAGE OF GUARDIANS



FOR THE VIRTUAL PHASE

THE ONLINE PHASE WILL HAVE 3 ROUNDS AND THE FINALISED TEAMS WILL COMPETE AGAINST EACH OTHER IN THE FINAL OFFLINE ROUND.



INR 3000/-



INR 1500/-

GUIDES

RONIL RANJAN JHA 7047880853
PRAJNA SAMRIDDHI 8249359021

CHEMSHALA

Chemistry club

Memophile - A chemistry meme-making contest

Why: Because laughter is the best catalyst!

Who: All chemistry enthusiasts with a knack for memes (yes, that means YOU!)

Prize: Exciting cash prizes await the winners!

How to Participate:

Create the best chemistry-related meme you can think of. The theme is open as long as it's chemistry-related. Feel free to go wild with your creativity – we're not those strict chemistry professors, promise!

Submit by emailing it to chemshala@iiserbpr.ac.in or WhatsApp it to 9423500478. Formats accepted: PDF/JPG, hand-drawn, or digital entries.

Entry Fee: Just Rs. 49! (QR attached below)

Important Dates:

Submission Deadline: 15th July, 12 AM

Winner Announcement: Based on the meme that receives the maximum likes on our Instagram page!

CHEMSHALA PRESENTS

ONLINE MEMEMORPHILE



FOR THE VIRTUAL PHASE

Chemistry meme making competition
Deadline- 15th July
Registration fee- Rs.49

Contact details:
Arnav Ashish Tagare- +91 96040 35969



Scan to register

CHEMSHALA

Chemistry club

BE THE HUMAN CHEMCYCLOPEDIA:

Chemshala, the chemistry club of IISER Bpr is hosting an Intercollege Quiz Competition for Invenio 2k24 in collaboration with IISER Pune. Participants can register themselves in teams of 2 to 5 with a registration fee of Rs 99 (per team, not per member!) Last date of registration is 19 July 2024. The salient features of the competition are as follows:

The teams would be invited to a WhatsApp group where they would be provided with an excel sheet to choose a number. Based on that number they would be provided with a QR code which would lead them to a password protected Gform containing the respective set of questions for each group. The question sets would have some general questions and some bonus questions. Answering the general questions correctly will add 3 marks to the team while a mistake will reduce 1 mark, whereas the bonus questions would award the team with 20 marks along with cash amounts (per question!) if answered correctly with no negative marking if mistaken.

The team scoring the highest at the end would be awarded with a cash prize of Rs 2000, while the 1st and 2nd runners up would receive Rs 1000 and Rs 500 respectively.

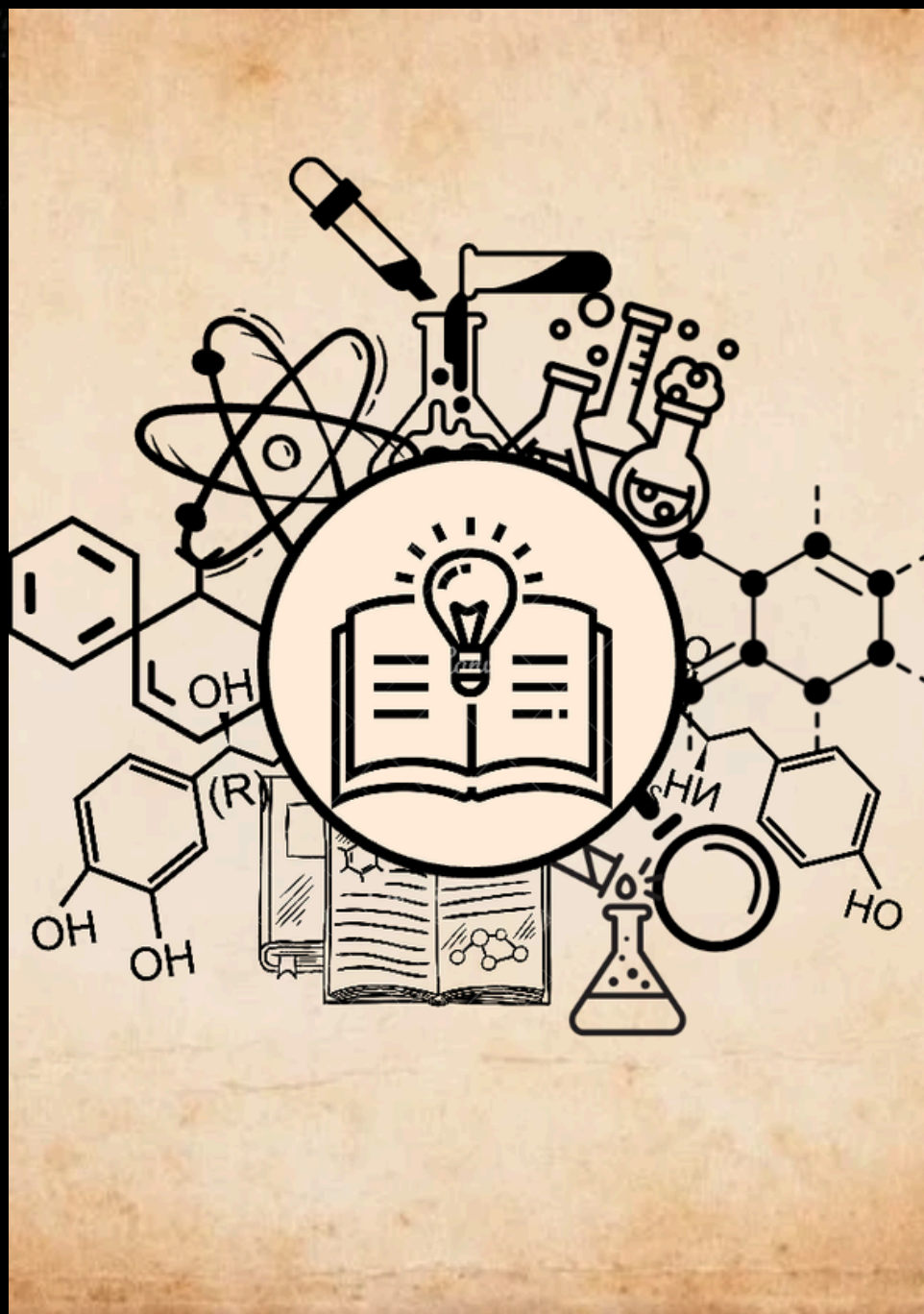
Registration Link: [Click here](#) (rules over here)

ONVENIO

BETHEHUMAN

CHEMCYCLOPEDIA

CHEMSHALA PRESENTS



FOR THE VIRTUAL PHASE

**Intercollege Quiz Competition
In collaboration with IISER Pune
21st July, 2024
Registration fee- Rs.99**

**Contact details:
Sanyukta Shaw- +91 79800 10705**



Scan to register

JIGYANSA

Science Communication and Outreach Club

Science hackathon

In a world driven by technology and creativity, the convergence of science and imagination is crucial for addressing real-life issues. On the occasion of "Invenio", Jigyansa brings Science hackathon , where science meets imagination. This will be the platform where the young creative minds will come up with some innovative solutions to pressing real life issues.

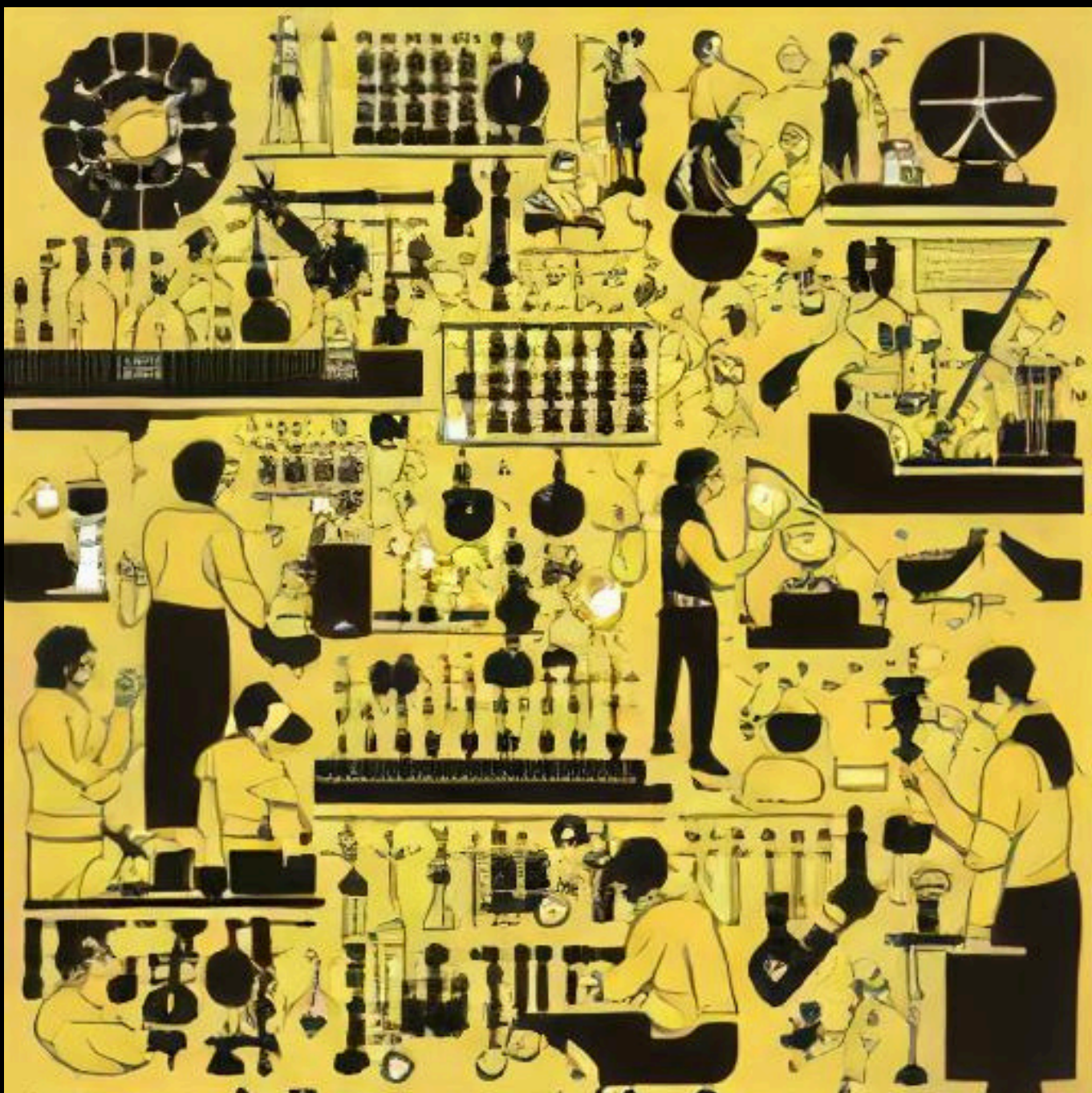
The aim of the Event is to transform imaginative ideas into practical solutions.

The event illustrates the powerful impact of merging science and imagination. By fostering interdisciplinary collaboration, the event underscores the potential to solve real-life problems through creative and scientific synergy.

Last Date of Submission is 31 July 2024

Registration link: [Click here](#) (rules over here)

ONLINE SCIENCE-THEMED



EXCITING PRIZE POOL OF ₹230000

Link for Registration



- 1. Anwesa Nayak-7325840950
- 2. Ananya Anindita-8328945323

INNOVATION INCUBATION AND ENTREPRENEURSHIP CELL (IIEC)

Campus Innovation Challenge

The competition is basically based on debate on environmental and other relevant issues , to trigger the creative and innovative minds to find new ideas and solutions , which is the heart of Entrepreneurship.

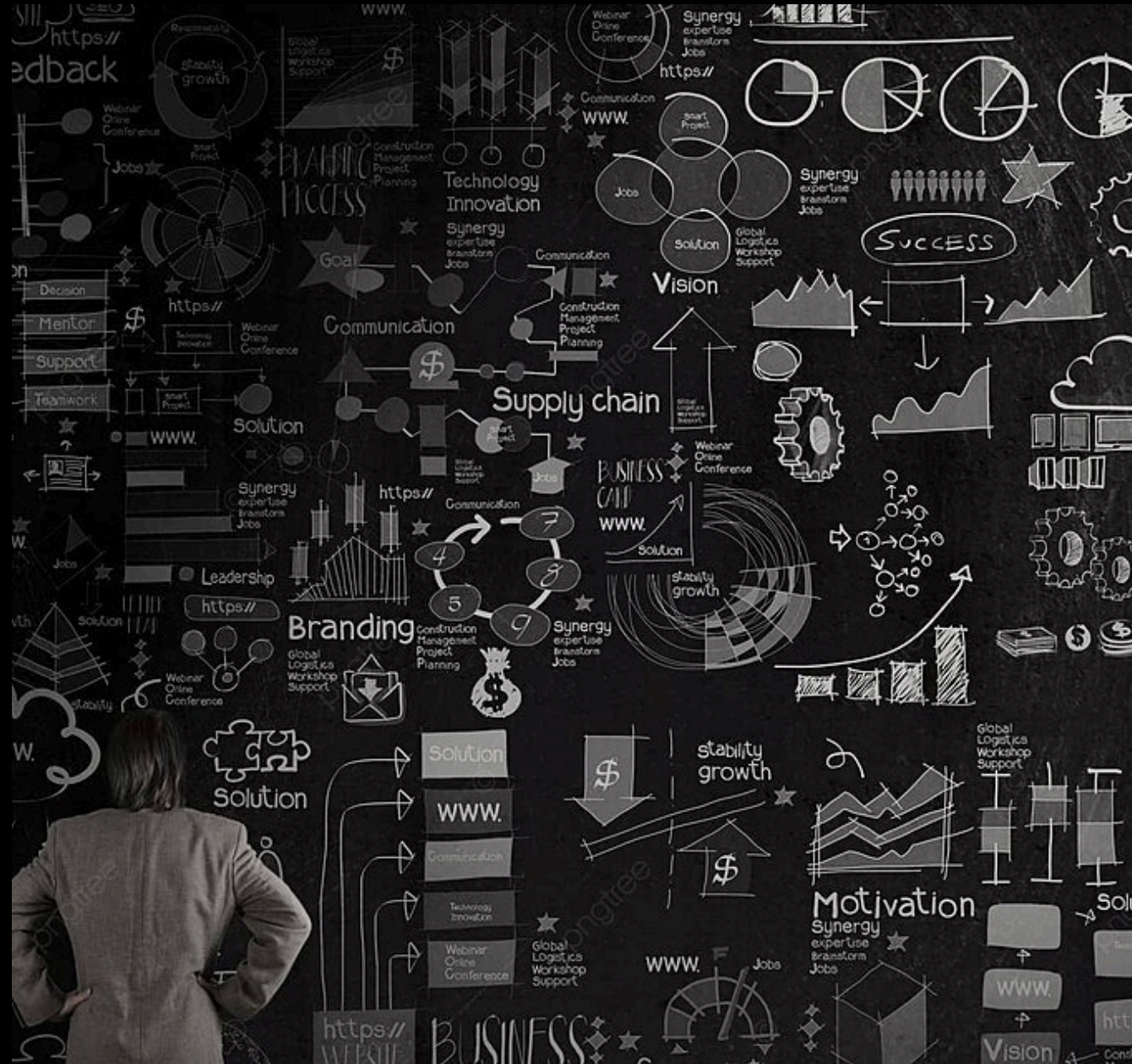
Our competition is based on two parts .The online 1st round deals with quiz on Entrepreneurship and innovation.

The second round is an actual debate between teams.

Last Date of Submission: 01 August 2024

Registration Link: [Click here](#) (rules over here)

ONVENO PRASHNA



FOR THE VIRTUAL PHASE

Contact Information

Soham Chatterjee-9073763362

Linkan Pradhan-8144209709



Scan to register

PROJECT SPIRAL

(Mathematics Club)

X 137 INVERSE

(Physics Club)

X LOVELACE SOCIETY (Coding Club)

Hello travellers and welcome to **SUGAKUKETTO**,

This event shall have you mystified while you traverse a difficult and competitive path and figure out mysteries and brainstorm with all your might.

The event shall be divided into 3 notable stages :-

- a) **THE PRELIMINARIES** : The selection round will include questions circulated to the participants from the broad realms of physics, math and programming. The form will be circulated by the end of July. Please register to stay connected.

- b) **THE GAME SHOW** : The game show may look like an ordinary episode of Family Feud , but beware things are more sinister than they appear.
(TIME:- 10th of August, will take place online)

- c) **THE ESCAPE ROOM** : The last stage includes the participants escaping a room based on hints given within. (15th/16th of September, shall take place offline)

The winners of this event are sure to be handsomely rewarded . The top three teams of the online round will receive 1.5k and the winner of escape room will get 7k.

Last date of registration: 27 july 2024

Registration Link: [Click here](#) (rules over here)

INVENIT

数学決闘 | SUGAKUKETTŌ



FOR THE VIRTUAL PHASE

Contact details

1Ahan Mahlanavis (63005 89291)

2Aswin N (73582 69261)

3Aditya Jadhav (70208 01310)

LA VIDA

Biology Club

The Chase

The Chase is on! This thrilling competition tests participants' knowledge, creativity, and quick thinking in all areas of biology.

Participants face three exciting online rounds: solving puzzles and riddles to escape virtual rooms, showcasing creativity in Pictionary, and demonstrating precision and speed while collecting points on a timed multiple-choice quiz.

The top teams advance to the offline round, facing an expert in their chosen sub-discipline—the Chaser. Can they outsmart the Chaser and answer more questions correctly in the given time, or will the Chaser catch them?

Last Date of Registration: 18 July 2024

Registration Link: [Click here](#) (rules over here)

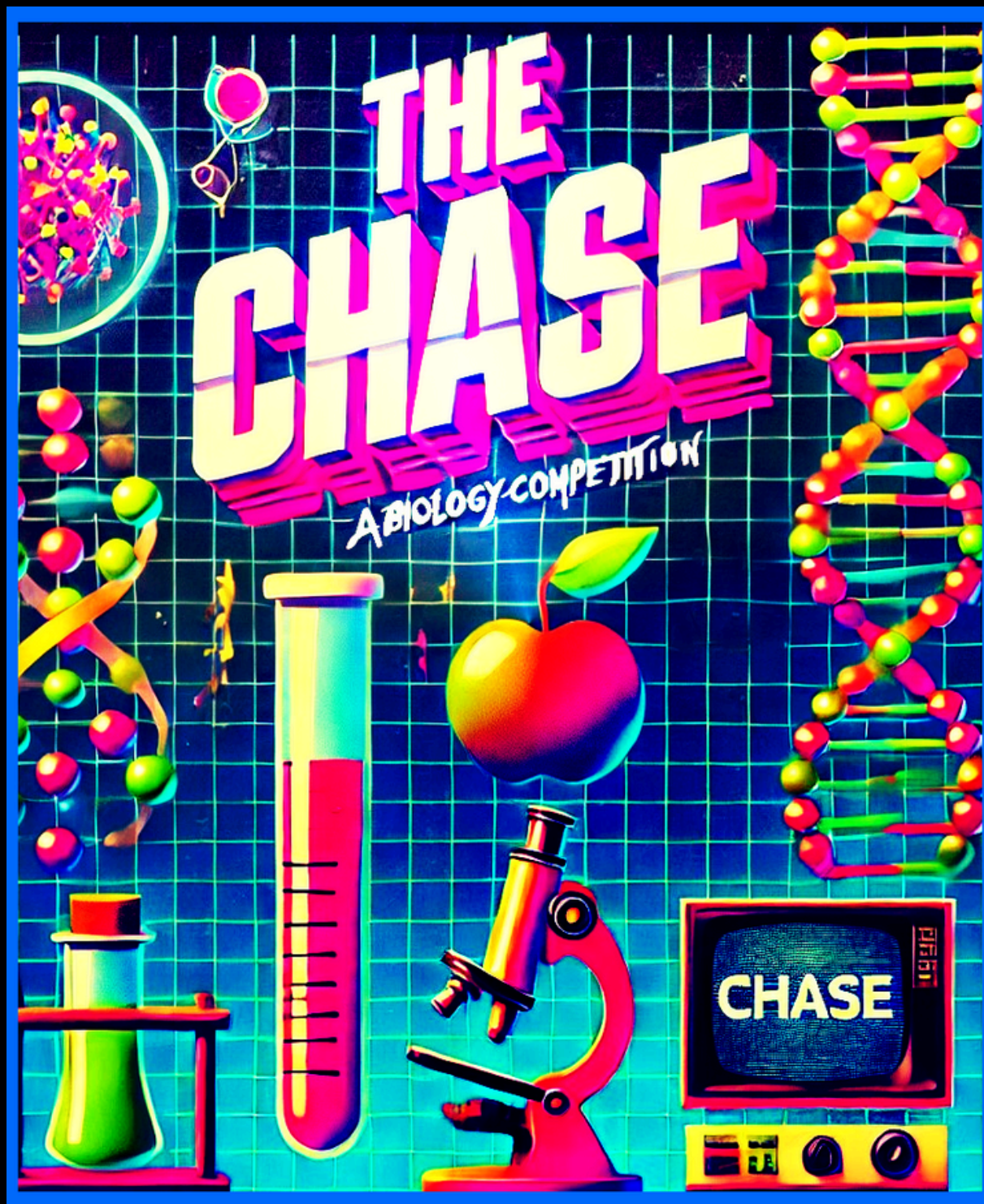
LA VIDA PRESENTS



For more
Information

WINNER

THE CHASE



FOR THE VIRTUAL PHASE

Prize pool

₹45000/-

CONTACT DETAILS

1. SUVRARUP DASGUPTA 7224073753
2. NAMRATHA AG 6362591518

SCAN TO REGISTER



TEDx IISERBPR

TEDxIISERBPR 2024 serves as a platform where interconnected actions yield significant effects, embodying our theme of "Trophic Cascade." With the tagline "Unveiling the Chain Reaction," this year's event is dedicated to exploring how individual actions and ideas can lead to profound, far-reaching transformations. "Trophic Cascade" refers to the powerful chain reactions triggered by individual actions, decisions, and ideas. TEDxIISERBPR aims to amplify voices of innovation and inquiry by bringing together diverse perspectives, showcasing the interconnectedness of ideas and their potential to ignite transformative change. Each speaker at TEDxIISERBPR is a thought leader and pioneer, sharing transformational ideas and experiences that spark intellectual and inspiring energy, leaving a lasting impact beyond the event. Every discussion challenges the status quo, promotes interconnected thinking, and demonstrates the potential of ideas to drive significant change. At TEDxIISERBPR, every contribution, no matter how small, sets off a chain reaction that builds momentum for meaningful change. Together, we can uncover the chain reactions that lead to revolutionary outcomes, shaping a shared future filled with impactful change.

PANEL DISCUSSION

Panel discussion is going to be an exhilarating event where you'll have the opportunity to get your curiosity fed by experts in the field of science. Join to get the insights on science communication and research culture in India.

POSTER PRESENTATION

Get to know the areas of research being explored by the IISER Berhampur community as they present to you the wide world of interdisciplinary and fundamental aspects of the field.

STAY TUNED!