

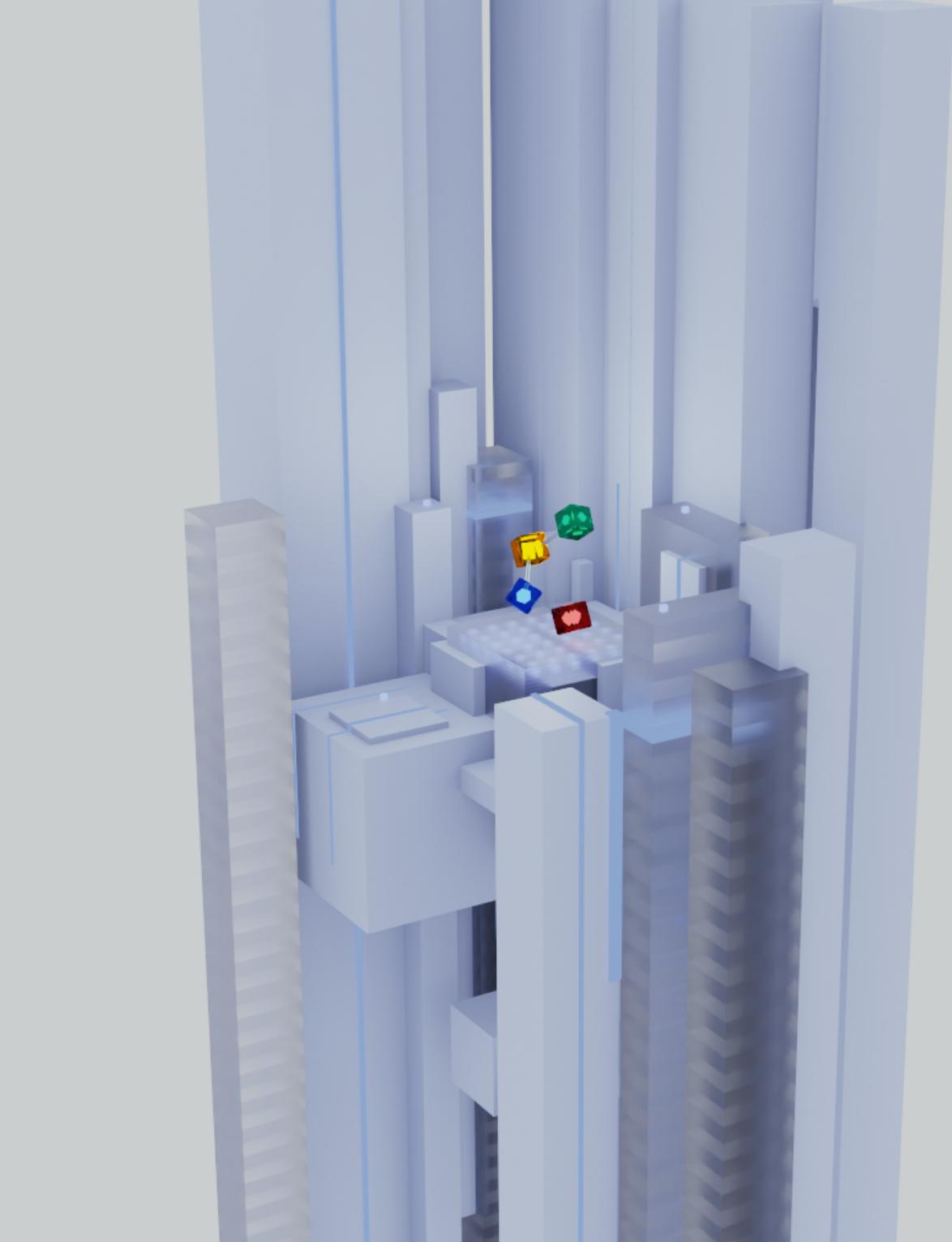
# BROCHURE



Google Developer Student Clubs  
Amrita School of Engineering - Coimbatore

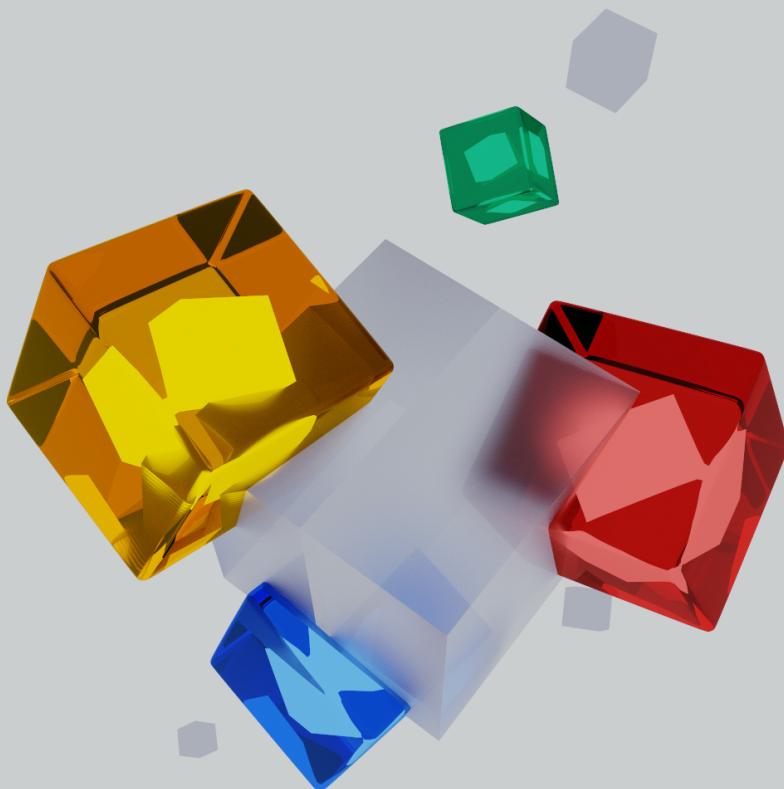
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STUDENT  
ENERGY  
at Amrita



SYNERGY '22  
HACK

Technological advancements are the name of the game today - the past two hundred years have been a whirlwind of innovation and growth. However, it's high time we start thinking about preserving this blue ball we live on, and find sustainable ways to produce and consume energy. We are strolling down the path of unsustainable development, where most current accomplishments and comforts come at the expense of future generations.



We bring to you a collaborative event from Student Energy Amrita and Google Developer Student Club, Amrita School of Engineering - Coimbatore, to help further the cause of equitable development.

Synergy is a 48 hour hackathon where students from across the many different disciplines in the University can come together for the weekend to create innovative products, learn from their peers and have some fun.

With tech talks and workshops embedded into the schedule, you can network among peers and learn a lot. Get started with the hacker community at Synergy regardless of your location, developing skillset or prior hacking experience. All are welcome. Join us for a weekend filled with community engagement and tech talks, and hone your hacking skills. Win amazing prizes, meet new people and come up with a spark of an idea that might very well end up saving the world one day!

TEAM SIZE

**3-5**

DATES

**18TH MARCH, 2022**  
**19TH MARCH, 2022**  
**20TH MARCH, 2022**

PRIZES (Rs.)

**₹5000**  
₹3000  
(PER TRACK)

# **DAY 1**

18 MARCH, 2022

**6PM - 7PM**

**Inauguration ceremony**

# **DAY 2**

19 MARCH, 2022

**10 AM** Fun filled hands on workshop  
**Git to Know**

**12 PM** Web Dev

**3 PM** Ship Wreck

**5 PM** Fish Tank

# **DAY 3**

20 MARCH, 2022

**10 AM** Turn Coat

**11 AM** App Dev

**3 PM** Final Submission

**8 PM** Closing ceremony

Using the 17 UN SDGs as the main propellant, tap into your ingenuity and aspire to solve the globe's pressing issues. To further streamline the solution process, the hackathon is organized into three main tracks:

## ENERGY

Energy forms an integral part of any well functioning society. As the demand for energy sources grows steadily, so does the responsibility to obtain them without draining the planet's limited reserves. Hence, transition to clean and renewable energy is of utmost importance. Projects submitted under this track should aim to find ways to optimize energy needs, and ease the shift to greener, alternative sources.

## COMMUNITY SOLUTIONS

The engine of economic growth has sputtered, especially in the current post-pandemic world. In its wake, collaborative ventures and the need of various social connections have taken center stage. Projects submitted under this track should target to provide community based solutions that can aid in reducing the many problems that plague the world today.

## EMERGING TECH - RURAL

Rapid advancements have been made in the sector of technology in the past 2 decades alone. We are surrounded by machinery that skillfully dictate almost every facet of our lives, and have only touched the tip of the iceberg in terms of their development. Projects submitted under this track should strive to implement groundbreaking, emerging technologies to holistically facilitate economic, social and progress at the rural level.