



United Nations
Educational, Scientific and
Cultural Organization



क्षेत्रीय जैव प्रौद्योगिकी केंद्र
Regional Centre
for Biotechnology



BSC BioNEST Bio-Incubator

SPARK

INNOVATION CHALLENGE

Organized by BSC BioNEST Bio-Incubator (BBB) at Regional
Centre for Biotechnology, Faridabad

A unique innovation challenge showcasing critical thinking, innovation and
creativity of **Undergraduate** and **Postgraduate** students

With the mission to support and nurture the Biotech startup ecosystem, BBB is
continuously supporting young Bio-entrepreneurs by providing excellent
incubation facilities & infrastructure. BBB is organizing an innovation
challenge '**SPARK**' to provide a platform to the budding entrepreneurs

Problem Statements

- “Develop an innovative solution to reduce plastic waste and promote sustainability”
- “Develop innovative solutions to improve sanitation conditions in informal settlements or slums”
- “Treatment of waste to energy/biogas/valuables”

(Deadline for proposal submission – 15th December 2023)

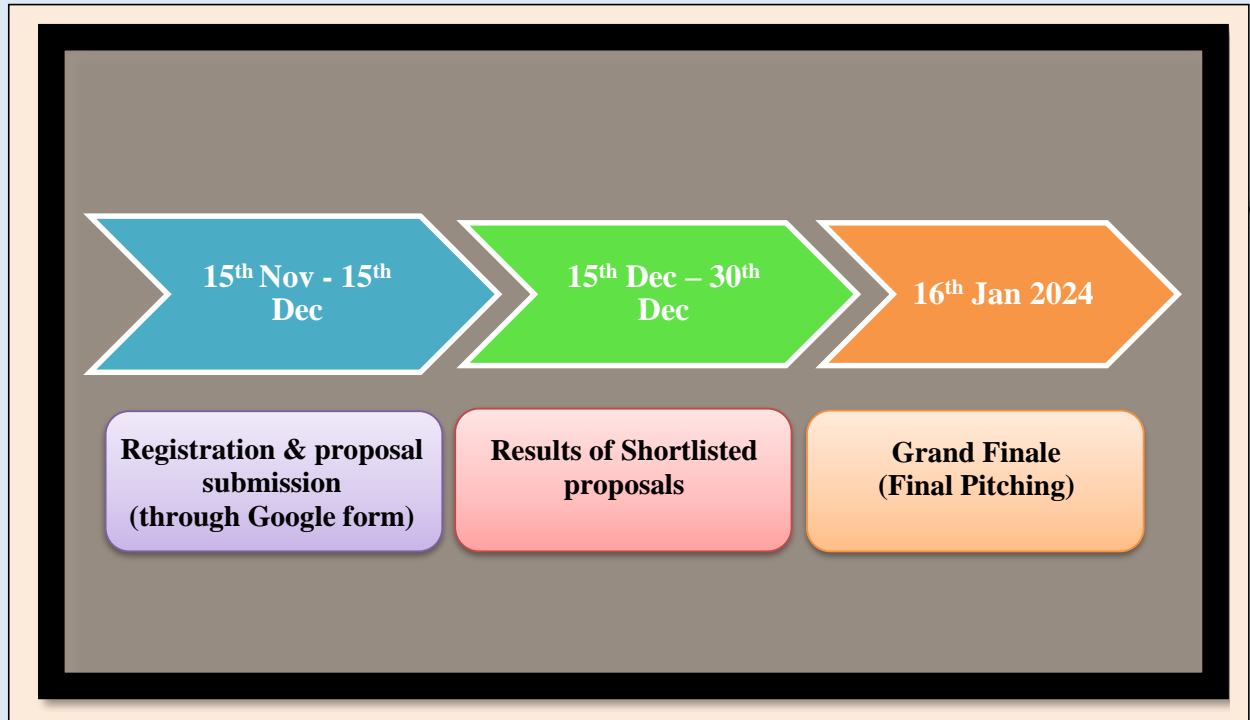
For Registration: log on to www.rcb.res.in

Registration Link: <https://forms.gle/rwcC9WgcoDWZU5cX9>

For more information about BBB, please visit <https://bbb.rcb.res.in/>

Innovation Challenge 'SPARK'

Important Dates



Attractive Prizes



First Prize: INR 10,000



Second Prize: INR 7,000



Third Prize: INR 5,000

Innovation Challenge 'SPARK'

Problem Statements

“Develop an innovative solution to reduce plastic waste and promote sustainability”

Plastic pollution has emerged as one of the major environmental problems. The exponential increase in plastic production and consumption has had devastating effects on the health of our planet. Teams are expected to come up with innovative solutions to reduce plastic waste & promote sustainability

“Develop innovative solutions to improve sanitation conditions in informal settlements or slums”

The lack of access to adequate water and sanitation and unhygienic living conditions remain the major concerns by which one defines a slum settlement. Individuals often lack access to toilets because the toilets are not maintained enough to be used. Teams are expected to come up with innovative solutions to improve sanitation conditions in such areas.

“Treatment of waste to energy/biogas/valuables”

Waste-to-energy is often promoted as “**clean energy**”. Waste to energy is one of the most robust and effective alternative energy options to reduce CO₂ emissions. It is utilizing energy that would otherwise be wasted, while not technically increasing the amount of waste burned. Innovation is what drives sustainable waste-to-energy technologies forward. Teams are expected to come up with innovative solutions for the treatment of waste to energy/biogas/valuables.

Who can participate?

- A Team of 3-5 UG / PG (Science) / Ph.D. Pursuing students
- The team can be from any UGC recognized College/ Institute/ University

How to Register - Steps

1. Log on to <https://www.rcb.res.in/> (Home Page)
2. Click on 'SPARK' registration link at the home page
3. Pay Application fee (INR 1000/ Team) by clicking on the Payment link
4. Note down the UTR No. after payment
5. Open Google form (<https://forms.gle/rwcC9WgcoDWZU5cX9>)
6. Fill the details in Google form for registration along with UTR No.
7. Submit proposals in Google form (Maximum 500 words)
8. Click on Submit button

Innovation Challenge 'SPARK'

General Rules:

- Each team has to identify an innovative solution focusing on either of the “**Problem Statements**” mentioned earlier.
- The team should focus on providing novel solutions with commercial potential.
- Ideas that do not address the “**Problem Statements**” will be disqualified.
- Ideas should be original and innovative. Plagiarism of any sort will lead to disqualification.
- Internet can be used as a source of material and information.
- Proposal once submitted cannot be changed.
- An online certificate of participation will be given to all the participants.
- The registration fee will not be refunded under any circumstances.

Selection criteria for shortlisting of proposals

Criteria	Weightage (%)
Novelty	40
Value Proposition	30
Technical Feasibility & Commercial Potential	30

Please note -The shortlisted teams will be intimated by **first week of Jan 2024**. A separate PPT template will be shared with the selected teams for pitching in the Grand finale.

Innovation Challenge 'SPARK'

Grand Finale – 16th January 2024

Important points for the final pitch

- A template for presentation will be shared with shortlisted teams.
- Presentation length - maximum 8 min.
- The presentation can include videos, photographs, and audio clips embedded in the presentation.
- A warning buzzer will be given at the end of 7 minutes. Teams taking extra time will lose points.
- Each team will present to a panel of esteemed judges, who will have the right to question the teams on their proposals.
- Judges' decision will be final



Contact Us

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