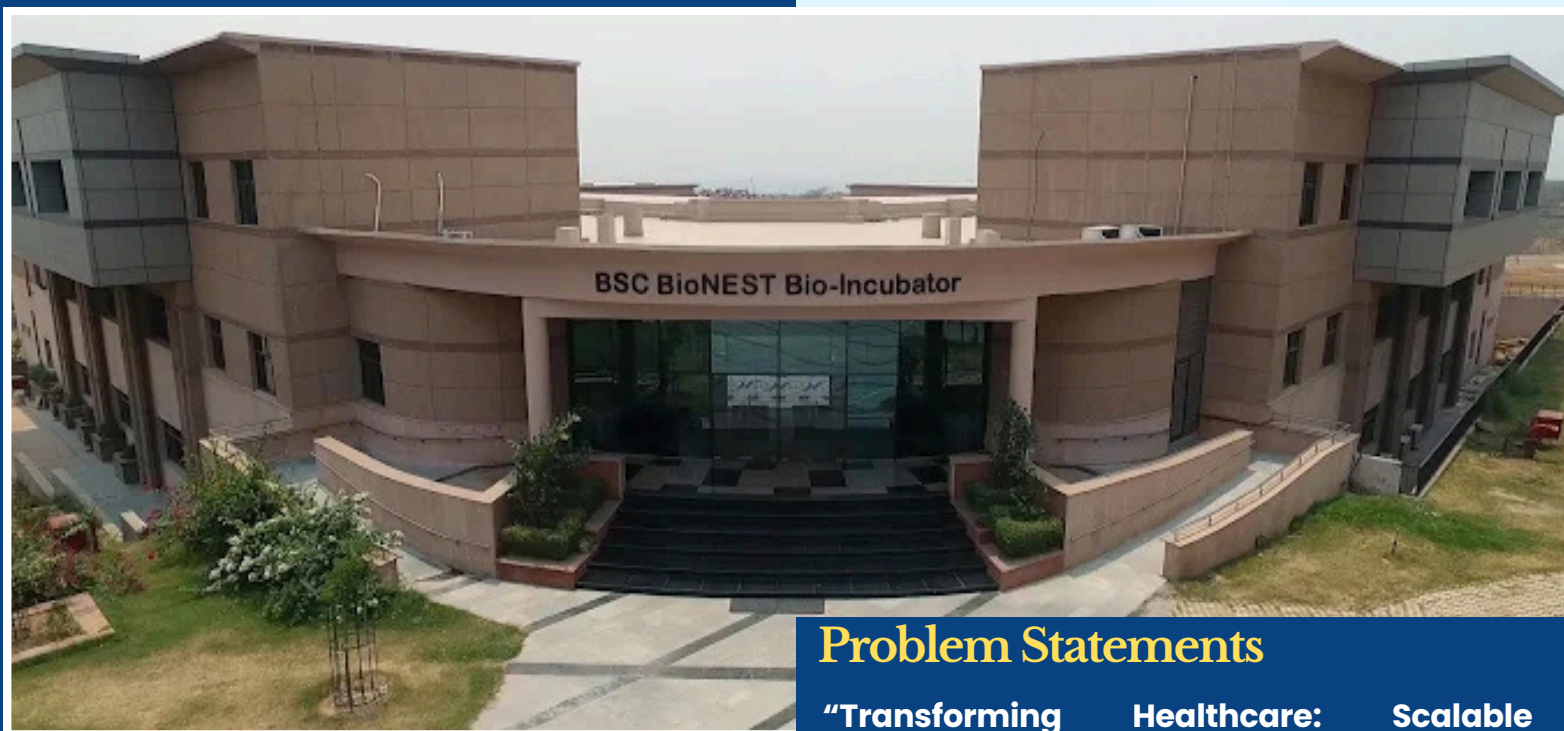# SPARK 2025
INNOVATION CHALLENGE

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

UNESCO — United Nations Educational, Scientific and Cultural Organization

RCB — क्षेत्रीय जैव प्रौद्योगिकी केन्द्र Regional Centre for Biotechnology

BBB

BSC BioNEST Bio-Incubator

An innovation challenge showcasing the creativity, critical thinking, and ingenuity of undergraduate and postgraduate students.

With a mission to foster and empower the biotech startup ecosystem, BBB is dedicated to supporting young bio-entrepreneurs by offering *state-of-the-art* incubation facilities and infrastructure. To further encourage innovation, BBB is organizing '**SPARK**', a dynamic challenge designed to provide a platform for budding entrepreneurs to showcase their ideas and solutions.

(Deadline for proposal submission 30th November 2025)
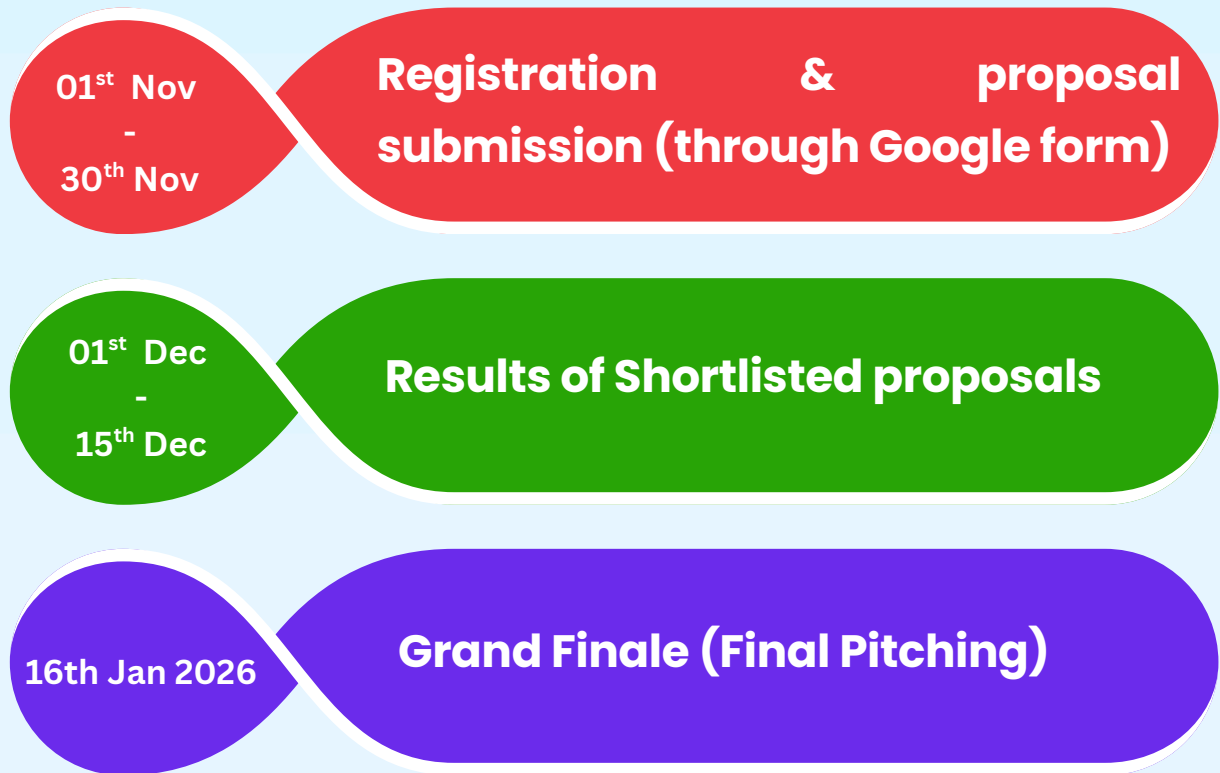
Problem Statements

"Transforming Healthcare: Scalable Solutions for Prevention, Monitoring and Care": Develop innovative and practical solutions that leverage technology to make healthcare more proactive, accessible, and efficient by enabling early risk detection, continuous health monitoring, and improved patient care at scale.

"Waste to Value: Smart Solutions": Create smart solutions that turn waste into valuable resources while promoting sustainability and reducing environmental impact

"Smart and Sustainable Protein Technologies": Develop innovative protein solutions for industrial use that are sustainable, efficient, and scalable.

For details,
log on to **https://bbb.rcb.res.in/**
Registration Link:
https://forms.gle/kVy6yeLkwiotaAseA

Innovation Challenge 'SPARK'

01st Nov - 30th Nov
Registration & proposal submission (through Google form)

01st Dec - 15th Dec
Results of Shortlisted proposals

16th Jan 2026
Grand Finale (Final Pitching)

Attractive Prizes

1st Prize — **INR 10,000**

2nd Prize — **INR 7,000**

3rd Prize — **INR 5,000**

Organize online events

Problem Statements

"Transforming Healthcare: Scalable Solutions for Prevention, Monitoring and Care":

In this category, participants are invited to develop innovative solutions that make healthcare more proactive, personalized, and efficient. Ideas can focus on preventing diseases, enabling continuous health monitoring, and improving patient care through technology-driven approaches. Solutions should be scalable, practical, and capable of creating real-world impact, improving health outcomes for individuals and communities.

Participants are encouraged to think beyond traditional methods, leveraging emerging technologies such as AI, IoT, wearable devices, or digital platforms to reimagine the future of healthcare.

"Waste to Value: Smart Solutions":

This challenge invites participants to develop innovative solutions that transform waste into valuable resources while promoting sustainability. Ideas can focus on efficient waste collection, recycling, upcycling, or converting waste into energy or useful products. Solutions should be practical, scalable, and capable of creating real-world environmental and social impact.

Participants are encouraged to leverage technology, smart systems, and data-driven approaches to rethink traditional waste management and build a cleaner, more sustainable future.

"Smart and Sustainable Protein Technologies":

This category invites participants to develop innovative protein-based solutions for industrial applications that are sustainable, efficient, and scalable. Ideas can include alternative protein sources, smart production methods, or value-added protein products for industries such as food, feed, bioplastics, or pharmaceuticals. Solutions should be practical, environmentally friendly, and capable of creating real-world impact. Participants are encouraged to leverage biotechnology, data-driven approaches, and creative industrial applications to design next-generation protein solutions that meet industrial needs while promoting sustainability.

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/kVy6yeLkwiotaAseA)
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

General Rules

- Each team must identify an innovative solution related to one of the previously mentioned "Problem Statements."
- The focus should be on developing novel solutions with commercial viability.
- Ideas that do not address the specified "Problem Statements" will be disqualified.
- Submissions must be original and innovative; any form of plagiarism will result in disqualification.
- Teams may use the internet for research and information gathering.
- Once submitted, proposals cannot be modified.
- All participants will receive an online certificate of participation.
- Registration fees are non-refundable under any circumstances.

Selection criteria for shortlisting of proposals

Criteria	Weightage %
Novelty	40
Value proposition	30
Technical feasibility & commercial potential	30

Please note - Shortlisted teams will be notified by the first week of January 2026. Selected teams will receive a separate PowerPoint template to use for their presentations in the Grand Finale

Grand Finale – 16th January 2026

Important points for the final pitch

- **Presentation Template:** A template for the presentation will be provided to the shortlisted teams.
- **Duration:** Each presentation should not exceed 8 minutes.
- **Media Inclusion:** Teams may include videos, photographs, and audio clips within their presentation.
- **Time Warning:** A buzzer will sound at the 7-minute mark. Teams exceeding the allotted time will incur point deductions.
- **Judging Process:** Teams will present their proposals to a panel of distinguished judges, who will have the opportunity to ask questions.
- **Final Decision:** The decision of the judges will be final.

Contact Us
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Regional Centre for Biotechnology
NCR Biotech Science Cluster
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Faridabad Rd, Faridabad, Haryana 121001
Contact - 0129-2848-606/625

STEPS FOR PAYMENT OF "SPARK 2025" INNOVATION CHALLENGE FEE

Step 1: Click the following link: https://eazypay.icicibank.com

Step 2: Click tab "**Search By: Institution Name**" under **Make Payment** section

Step 3: Select "**EXECUTIVE DIRECTOR REGIONAL CENTRE FOR BIOTECHNOLOGY RECEIPTS**" and click tab "**Go**". (Note: Type first four letters i.e. "EXEC" the name will automatically come in the top of the list)**.**

Step 4: Fill the following information:

Email ID*	Mandatory
Mobile*	Mandatory
Amount* (Rs)	1000
Application Reference No*	Type – Workshops or Training at BBB
Applicant Name*	Mandatory
Father or Husband Name*	Mandatory
Social Category	Optional (leave it blank)
Payment Purpose*	Choose Workshops or Training at BBB
Job Or Course Applied For*	Type – Workshops or Training at BBB
Detail*	type Fee

Step 5: After filling all the information, click on "**Show Details**". An OTP will be forwarded to your mobile no. (which you have mentioned above) for verifying your details.

Step 6: After entering OTP, next screen will ask you to confirm the details filled above. You may edit this information by click on **"Back"** tab otherwise click **"Pay Now"** to move next.

Step 7: Select Payment Mode as per your convenience and proceed.

Step 8: After successful payment please keep the copy of receipt for your reference.