

parkathon

The Essence Of Your Spark!

A NATIONAL LEVEL 24 HOURS HACKATHON

AN INITIATIVE BY



CerebroSpark

CerebroSpark Innovations LLP,
Pune.



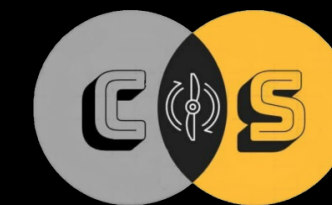
JSPM's Jaywantrao Sawant College Of
Engineering, Pune.

ON THE AUSPICIOUS OCCASION OF 'AZADI KA AMRUT MAHOTSAV'.



- Sparkathon is a National Level 24 hrs. hackathon to bring out engineers, innovators and budding entrepreneurs together for a faceoff.
- More than 4000 participants and 1000 teams will work on various problem statements under 4 different categories.
- Sparkathon is an initiative by CEREBROSPARK INNOVATIONS (A Drone Manufacturer & Drone's Solution Provider) in association with JSPM's Jaywantrao Sawant College Of Engineering on the auspicious occasion of 'Azadi Ka Amrut Mahotsav'.

Cerebrospark Innovations



- CerebroSpark Innovations is a drone manufacturer & drone's solution provider, based in Pune, India.
- As awareness and demand for drone technology are increasing day by day, we at CerebroSpark Innovations provide efficient, easy-to-use drones with visionary engineering designs.

Mission:

- Focus on quality-based manufacturing of drones in India with continuous advancement in a healthy work environment.
- Enhancement of existing drone technology for various innovative applications in all leading industries.

Vision :

- To emerge as one of the most dynamic and multidimensional drone company in India.

ATTRACTION OF EVENT :

- **6 Lakh+** worth of prizes
- **4000+** Participants
- **1000+** Teams
- **1000+** Gifts & goodies
- **500+** Posts
- **120+** Final participants
- **30+** Final teams
- **15+** Industry-academia mentors
- **12+** Number of cash prizes
- **7+** Industry-academia expert judges
- **4+** Industrial experts sessions
- **3+** Guidance webinars
- Incubation support

Prizes :



- **Winner**
- **1st Runner-Up**
- **2nd Runner-Up**
- Award for best performer in each domain
- Most disciplined team award
- Best women team award
- Best presentation award
- Best college award
- And other gifts, goodies, prizes for final participants.
- Goodies & other Prizes. (T-shirt, Badge, Cap, Mask, will be given to all the teams selected for offline round)
- Fun activities will be conducted at the final round. Winners will get other awards.

Problem Statements

DRONES

Last-mile delivery, Handling Medical Equipment's, Search and Rescue Operations, AI in Drones, Landslide Monitoring, Tethered UAVs, Swarms of UAVs, Drones for Defence, Drones in Agriculture, Object Detection, Intelligent Tracking System, VR based Drone Flying Simulator, Non-Invasive Autopilot System, Scanning Technology Advancement using Drones, Drone Countermeasures, RFID Applications using Drones, Advance Transmitter and Receiver, etc.

ROBOTICS

Robotic clamp for Asymmetrical object clamping, Robotic arm for Industrial Cleaning, Human-Computer Interfaces, Emergency response technology, ROV for Defence, Artificial Intelligence and Machine Learning System in Robotics, Advance Gimbal System, Autonomous Robots, IoT Applications, Mobile Robots, etc.

AGRI-TECH

Assessment of Land Holding Pattern, Irrigation Technology, Auto Climate Monitoring System, UAVs technology in agriculture, IOT Applications for Crop Monitoring and Surface Irrigation, Mobile app for Crop Management, Real Time Estimation of Crop Yield technique , Smart Farming, Applications in Agriculture, etc.

STUDENT'S INNOVATION.

Open category for student's innovation.

Timeline :

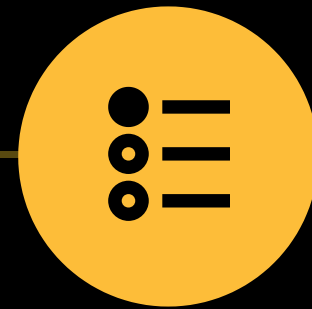
Program Flow



1

**Registration
(Online):**

**Starts on 25th
Oct. to 3rd Nov.
2021.**



2

**Round 1
(Online):**

Top 100 Participants
will be selected and
announced on 11th
Nov.



3

**Round 2
(Online) :**

Top 30 Finalists will
be selected on 13th to
15th Nov. and
announced on 16th
Nov.



4

**Grand Finale
(Offline) :**

Top 3 Winners + 5 other
winners will be selected
on 24th and 25th Nov.
Prize distribution will be
conducted on 25th Nov.

RULES & GUIDELINES :

About team:

- All team members should be from the same college, no inter-college teams are allowed. However, members from different branches of the same college/ institute are encouraged to form a team.
- Each team would comprise of maximum 4 members including the team leader.
- Clearly communicate the email-ids and mobile numbers of all team members.
- The Team Name should be unique and not contain the name of your institute in any form
- Team members CANNOT be associated with multiple teams in parallel.

What is a selection criteria?

- Evaluation criteria will include novelty of the idea, complexity, clarity and details in the prescribed format, feasibility, practicability, sustainability, scale of impact, user experience and potential for future work progression.

RULES & GUIDELINES :

Rules For Preparing the Idea Presentation:

- Maximum number of pages in Presentation is 7.
- All the topics should be utilized for description of your idea.
- Try to avoid paragraphs and post your idea in points.
- Keep your explanation precisely and easy to understand.
- Idea should be unique and novel. If it has a business potential more weight-age will be given.
- Apart from this PPT abstract of your idea will be asked separately while submitting.

Evaluation Round:

- Round 1: After registration top 100 teams will be selected out of total registration for round 2.
- Round 2: Top 100 Selected teams will give a presentation to panel. Each team will have a time slot of 15 minutes. Out of 100 top 30 teams will be selected for grand finale.
- Grand Finale: Grand finale is 24 hrs hackathon at Pune on respective dates.

RULES & GUIDELINES :

General information regarding the Grand Finale:

- If a team is selected for the final round, members will need to travel to Pune, Maharashtra, India.
- Each college/institute will be responsible for the travel and accommodation of their teams for the finale.
- College photo ID is mandatory for participating in the finale. One Government issued Identity proof is compulsory.
- Colleges MUST issue a letter on their letterhead stating the names of the team and team members
- The letter should bear the seal of the college/ institute along with signature of the principal /dean /institute director.
- A hard copy of this letter is mandatory at the time of grand finale.

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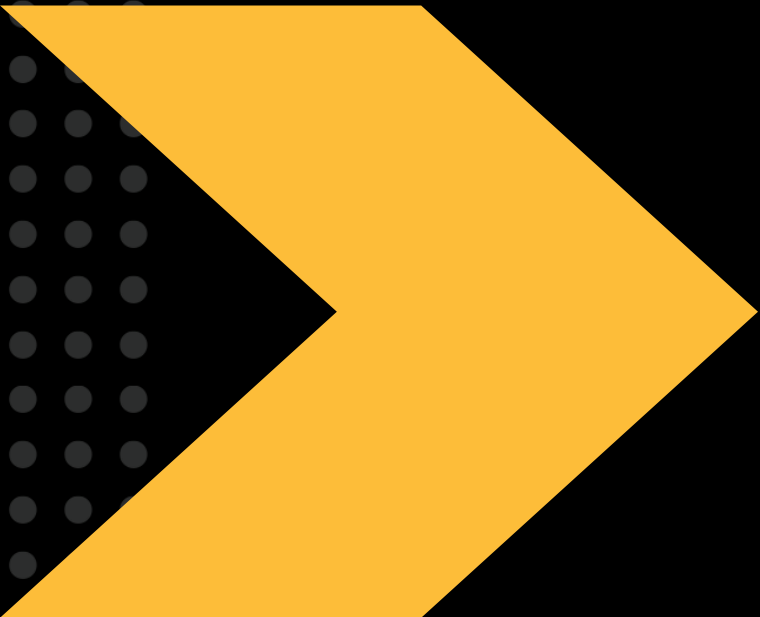
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Contact :



+918600104934, +917387515448



sparkathon@cerebrospark.in



www.cerebrospark.in



cerebrospark

Mr. Vaishnav Raut

Secretary

sparkathon@cerebrospark.in

Ms. Saniya Chavan

Co-ordinator

saniya@cerebrospark.in

Ms. Vaishnavi Khandagale

Marketing Co-ordinator

vaishnavi@cerebrospark.in

Mr. Swanand Porate

Registration & Feedback

Co-ordinator

swanand@cerebrospark.in

Mr. Shivtej Chavan

Certification Co-ordinator

shivtej@cerebrospark.in