

# GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat



Block : B, 7th Floor, M. S. Building, Nr. Pathikashram, Sector-11,  
Gandhinagar, Gujarat - 382011.

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URL : [www.gujcost.gujarat.gov.in](http://www.gujcost.gujarat.gov.in)



**Dr. Narottam Sahoo**

Advisor and Member Secretary

No. GUJCOST/ROBOFEST/2023-24/ 184/33

15<sup>th</sup> April, 2023

**Mr. Keyur S. Suthar**

Mentor

Sardar Vallabhbhai Patel Institute of  
Technology, Vasad  
Gujarat-388306

**Team**

1. Nirav K Patel
2. Pratik Heda
3. Jay N Patel

Sub: Selection of team from Level I (Ideation) to Level II (Proof of Concept) of India's biggest Robotics competition: "ROBOFEST-GUJARAT 3.0".

Dear Sir / Madam,

Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

It is our pleasure to inform you that the Ideation on designing "Swarm Robots" in the India's biggest Robotics Competition, ROBOFEST- GUJARAT 3.0 Competition submitted by the team of Sardar Vallabhbhai Patel Institute of Technology, Vasad has been selected from Level I (Ideation) to Level II (Proof of Concept). The team has been recommended for cash prize of Rs. 50,000/- for their creative idea of robot making.

We would like to congratulate you and the team for this creative achievement. The prize money will be transferred through RTGS to your institutional bank account. You are requested to submit your institutional bank account details to GUJCOST office on [info-gujcost@gujarat.gov.in](mailto:info-gujcost@gujarat.gov.in) and via link [https://docs.google.com/forms/d/e/1FAIpQLScI7Ovpx\\_puT8nMbcGUySn3R7ENbmoH8mbIXZZL8CvSTqkrg/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLScI7Ovpx_puT8nMbcGUySn3R7ENbmoH8mbIXZZL8CvSTqkrg/viewform?usp=sf_link).

You are kindly requested to take a note of the following points:

1. You have to work on your idea now and submit the PoC by 31<sup>st</sup> May 2023.
2. The guidelines for the further stages are available on: <https://robofest.gujarat.gov.in/>
3. You will shortly receive the mail with fresh login credentials for the PoC stage.
4. GUJCOST intends to file the provisional patent of your Robofest idea before releasing in the public domain. GUJCOST will take care of all the financial implications for filing the patent.
5. Kindly share the social media credentials of the institute, mentor and student team members and follow @infoGujcost for all updates and information on this program.
6. You are also requested to like, follow and share the social media updates among your institutional circles.
7. For any query/doubt regarding PoC stage, you can reach out to GUJCOST for support, guidance and mentoring.

We once again thank you and the team for the creative effort and convey our best wishes for the Level II (Proof of Concept) of this program.

Thank you and with best wishes,

Yours sincerely,

(Narottam Sahoo)

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**Dr. Narottam Sahoo**

Advisor and Member Secretary

No. GUJCOST/ROBOFEST/2023-24/ 184/114

15<sup>th</sup> April, 2023

**Prof. Milin M Patel**

Mentor

Computer Engineering Dept.

Sardar Vallabhbhai Patel Institute of

Technology,

Vasad-388306

**Team**

1. Sayandeep Nayak

2. Dev Vinod Jhamtani

3. Isha Alpeshbhai Shah

4. Dhyeya Keyur Patel

5. Pranav Patil

Sub: Selection of team from Level I (Ideation) to Level II (Proof of Concept) of India's biggest Robotics competition: "ROBOFEST-GUJARAT 3.0".

Dear Sir / Madam,

Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

It is our pleasure to inform you that the Ideation on designing "Submarine and Underwater Robot" in the India's biggest Robotics Competition, ROBOFEST- GUJARAT 3.0 Competition submitted by the team of Sardar Vallabhbhai Patel Institute of Technology Vasad has been selected from Level I (Ideation) to Level II (Proof of Concept). The team has been recommended for cash prize of Rs. 50,000/- for their creative idea of robot making.

We would like to congratulate you and the team for this creative achievement. The prize money will be transferred through RTGS to your institutional bank account. You are requested to submit your institutional bank account details to GUJCOST office on [info-gujcost@gujarat.gov.in](mailto:info-gujcost@gujarat.gov.in) and via link [https://docs.google.com/forms/d/e/1FAIpQLSci7Ovpx\\_puT8nMbcGUySn3R7ENbmoH8mbIXZZL8CvSTqkrg/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSci7Ovpx_puT8nMbcGUySn3R7ENbmoH8mbIXZZL8CvSTqkrg/viewform?usp=sf_link).

You are kindly requested to take a note of the following points:

1. You have to work on your idea now and submit the PoC by 31<sup>st</sup> May 2023.
2. The guidelines for the further stages are available on: <https://robofest.gujarat.gov.in/>
3. You will shortly receive the mail with fresh login credentials for the PoC stage.
4. GUJCOST intends to file the provisional patent of your Robofest idea before releasing in the public domain. GUJCOST will take care of all the financial implications for filing the patent.
5. Kindly share the social media credentials of the institute, mentor and student team members and follow @infoGujcost for all updates and information on this program.
6. You are also requested to like, follow and share the social media updates among your institutional circles.
7. For any query/doubt regarding PoC stage, you can reach out to GUJCOST for support, guidance and mentoring.

We once again thank you and the team for the creative effort and convey our best wishes for the Level II (Proof of Concept) of this program.

Thank you and with best wishes,

Yours sincerely,

(Narottam Sahoo)



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Dr. Narottam Sahoo

Advisor and Member Secretary

No. GUJCOST/ROBOFEST/2023-24/ 128/136

15<sup>th</sup> April, 2023

Prof. Nisha Samir Velani

Mentor

Sardar Vallabhbhai Patel Institute of

Technology Vasad, SVIT

Vasad, Anand, Gujarat- 388306

Team

1. Parth Parmar

2. Havya Thakkar

3. Adit Patel

4. Aditya Shah

Sub: Selection of team from Level I (Ideation) to Level II (Proof of Concept) of India's biggest Robotics competition: "ROBOFEST-GUJARAT 3.0".

Dear Sir / Madam,

Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

It is our pleasure to inform you that the Ideation on designing robots in "Others Category" in the India's biggest Robotics Competition, ROBOFEST- GUJARAT 3.0 Competition submitted by the team of SARDAR VALLABHBHAI PATEL INSTITUTE OF TECHNOLOGY has been selected from Level I (Ideation) to Level II (Proof of Concept). The team has been recommended for cash prize of Rs. 50,000/- for their creative idea of robot making.

We would like to congratulate you and the team for this creative achievement. The prize money will be transferred through RTGS to your institutional bank account. You are requested to submit your institutional bank account details to GUJCOST office on info-gujcost@gujarat.gov.in and via link [https://docs.google.com/forms/d/e/1FAIpQLScI7Ovpx\\_puT8nMbcGUySn3R7ENbmoH8mbIXZZL8CvSTqkrg/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLScI7Ovpx_puT8nMbcGUySn3R7ENbmoH8mbIXZZL8CvSTqkrg/viewform?usp=sf_link).

You are kindly requested to take a note of the following points:

1. You have to work on your idea now and submit the PoC by 31<sup>st</sup> May 2023.
2. The guidelines for the further stages are available on: <https://robofest.gujarat.gov.in/>
3. The detailed objectives specific to your robot for the grand finale are attached as Annexure I. The same is also available on the above website.
4. You will shortly receive the mail with fresh login credentials for the PoC stage.
5. GUJCOST Intends to file the provisional patent of your Robofest Idea before releasing in the public domain. GUJCOST will take care of all the financial implications for filing the patent.
6. Kindly share the social media credentials of the institute, mentor and student team members and follow @infoGujcost for all updates and information on this program.
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8. For any query/doubt regarding PoC stage, you can reach out to GUJCOST for support, guidance and mentoring.

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Thank you and with best wishes,

Yours sincerely,

(Narottam Sahoo)

## Annexure 1

Mentor's Name	Institute	Topic/Title	Guidelines / Grand Finale Challenge
NISHA SAMIR VELANI	SARDAR VALLABHBHAI PATEL INSTITUTE OF TECHNOLOGY	Autonomous Delivery Hexacopter	<p>The prototype Hexacopter must be able to perform the following tasks:</p> <p>a] : a] rise to a height of 6 ft. (minimum) and hover around for 5 minutes in four directions~ East, west, south &amp; North with the object (for delivery);</p> <p>b] landing over the ground after a flight for 10 minutes (total) without damaging the object;</p> <p>c] take-off and landing from two pre-assigned fixed locations on the ground and rise upto 4 ft.</p>

