

**A Report on**  
**“AZADI KA AMRUT MAHOTSAV**  
**GRAND FINALE HACKATHON-2022”**

**Date: 10<sup>TH</sup> AND 11<sup>TH</sup> FEBRUARY 2023**

**Hosted By: CVM University**

**Venue:**

**A D Patel Institute of Technology (ADIT)**

**New Vallabh Vidyanagar**

## **About Program:**

Young students across universities are the new source of creative work in any innovation ecosystem. Quite often, the vast pool of energy of young students does not get optimally used due to a lack of structured process and orientation. Often, the innovation process does not provide suitable exposure to the students and other similar support in a systematic manner so that they can work on real-life challenges.

Sometimes, time-bound problem-solving attempts with the right kind of mentorship and guidance also prove to be very effective. One of such interventions is the widely practised Hackathon model. Though primarily, it is intended to engage creative minds to solve and create a proof of concept in a time-bound nonstop process, it can also be tweaked to a blended mode of execution. In such a process like Hackathon, digital solutions for specific challenges are generally asked to be developed. However, it can also be designed for developing hardware solutions by redesigning the process with suitable infrastructure, time frame and allied resources. In academia and industry, such Hackathons have been one of the key processes to trigger new thoughts and attempt to solve given challenges in constraints of time and team efforts.

The Education Department Government of Gujarat has taken a series of initiatives to design and develop innovative processes and ecosystems across its colleges, schools and universities. To structure and institutionalise various initiatives and support systems towards it, Student Start-up and Innovation Policy (SSIP 2.0) is designed and is being implemented. While taking the legacy further, the Education Department has plan to organize “A State-level Azadi ka Amrit Mahotsav Hackathon 2022” in line with last year’s efforts. Though primarily the program will be designed and executed for finding solutions of 783 problems identified by the State government departments, further attempts will be made to develop the mechanism and process to innovate hardware solutions and innovation pertaining to

different challenges. The overall objective of this program is to channel a huge amount of youth energy which is currently being underutilized, towards engaging them with more constructive agendas and progressive contributors in civil society at large.

**Role of CVM University:**

For final round of hackathon, 461 teams were selected after the regional round evaluation in Oct 2022. In this regard, Department of Technical Education of Gujarat Knowledge society (GKS) has selected 10 institutions/Universities across Gujarat to organize "AZADI KA AMRUT MAHOTSAV STATE LEVEL HACKATHON-2022" on 10<sup>th</sup> and 11<sup>th</sup> Feb 2023. CVM University Vallabh Vidyanagar is one of the Nodal Centres for organizing the Hackathon-2022 grand finale. Total 48 teams were allotted by GKS to the CVM University along with 229 students and their mentors for each team. To evaluate all teams, GKS has nominated, Industry Expert, Expert from Government offices and Jury members from various sections of Government.

Hackathon-2022 is a Nonstop 36 hours event where all teams have to work without any break. CVM University has arranged for Lodging and Boarding for all Jury members, Mentors and Participants with the support of SSIP Cell- GKS. Prof. Shaileshkumar Gandhi has been appointed as a nodal officer from Government Polytechnic Godhra and Prof. Hiren Pathak from Government Polytechnic Kheda has been appointed as a Venue in charge by the GKS for the CVM University.

On Day-1, The registration process was started at ADIT college sharp at 8.30 am along with tea and breakfast. The inauguration function was carried out as per schedule attached in APPENDIX-1 in presence of CVM delegates and SSIP cell office bearers.



**Figure 1: SSIP Hackathon Grand Finale Banner – CVMU**



**Figure 2: SSIP Hackathon Grand Finale – CVMU – Inaugural ceremony**

Total 44 teams reported at CVM University for participating in Grand Finale Regional Hackthon-2022. Total 181 students participated in this competition along with their faculty mentors. To evaluate the teams, total 10 Jury members were nominated by SSIP cell of GKS.

Jury members started their mentoring round with all teams as per the scheduled attached in APPENDIX-1 at ADIT College. They suggested and advice the modification required in their submitted proposal. There were two evaluations round carried out by Jury members as per the guidelines given by GKS and one power Judging round was carried out by them on day 2. Glimpses for the Jury interaction are attached in Fig. 3.



**Figure 3: SSIP Hackathon Grand Finale – CVMU – Evaluation Sessions**



**Figure 4: SSIP Hackathon Grand Finale – CVMU – Teams working over their projects**



**Figure 5: SSIP Hackathon Grand Finale – CVMU – Valedictory Ceremony (certificate distribution)**



**Figure 4: SSIP Hackathon Grand Finale – CVMU – Organizing Team of faculties and students**

**A State Level Azadi Ka Amrit Mahotsav Hackathon 2022**  
**Grand Finale Round Schedule**  
**Date: 10-11 February 2023**

<b>Date</b>	<b>Time</b>	<b>Activity</b>
<b>Day-1 10/02/2023</b>	08.00 - 09.00	Registration & Breakfast at the Host Institute
	09.00 - 09.30	Inauguration Function
	09:30: -13.00	Problem solution work begins and Jury Meeting
	13:00 - 14:00	Lunch Break
	14.00-15.00	Problem solution work continues
	15:00 -16.30	First Round of Mentoring by Jury members and Industry experts
	16.30-20.30	Problem solution work continues
	20:30 - 21:30	Dinner
	21.30 -23.00	First round of evaluation by Jury members and Industry experts
	23:00 -23:59	Problem solution work resume
<b>Day-2 11/02/2023</b>	00:00 - 00:30	Informal tea/coffee break/Break out session
	00.30-06.00	Problem solution work continues
	06:00 - 06:30	Yoga Session
	06:30 - 07:30	Breakfast
	07.30-09.00	Problem solution work continues
	09:00 - 10:00	Second Round of Evaluation Jury members and Industry experts
	10.00-13.00	Problem solution work continues
	13:00 - 14:00	Lunch Break

14:00 – 15:00	Final Work Session by students and virtual meeting of Jury and Industry experts with their Counterpart at other venue.
15:00 – 16:00	Power Judging by Jury members and Industry expert (The Final pitch, 8-10 minutes per team, 5 minutes explanation, 3minutes Q & A)
16:00 -17:00	Valedictory Session (Local level)



**CVM**  
**UNIVERSITY**

Aegis: Charutar Vidya Mandal (Estd.1945)

**APPENDIX -1**

**Committee for management of Programme of Azadi Ka Amrit Mahotsav  
Hackathon 2022**

**at**

**CVM University**

**Organized by Education Department (Higher & Technical)**

**Government of Gujarat**

**On**

**Date: 10<sup>th</sup> and 11<sup>th</sup> FEB, 2023**

**Core Committee**

<b>Sr. No.</b>	<b>Description</b>	<b>Coordinator from CVM University</b>
<b>1</b>	<b>Nodal officer</b>	<b>Dr. Vishal Singh</b> Principal, ADIT



<b>2</b>	<b>Advisor</b>	<b>Dr. Mitesh Shah</b> Professor, Mech., ADIT 9429543108
<b>3</b>	<b>Coordinator</b>	<b>Dr. Drashti Bhatt</b> Asst. Prof. , Civil Engg Dept, ADIT 9825922911
<b>4</b>	<b>Co-Coordiators</b>	<b>Dr. Gopi Bhatt</b> Asst. Prof. , CP, ADIT 99792 70920 <b>Dr. Ankita Singh</b> Asst. Prof. , FPT 96384 54748

### STEERING COMMITTEE

<b>Sr. No.</b>	<b>Description</b>	<b>Coordinator from CVM University</b>
<b>1</b>	<b>Evaluation Committee</b>	Dr. Krunal Patel Asso. Prof., IT Dept 99257 89238
<b>2</b>	<b>Event Management &amp; Volunteer Planning, and Stage Planning</b>	Prof. Ravi Patel Asst. Prof., ADIT 9974999984
<b>3</b>	<b>Stage Execution, anchoring and Dias Management</b>	Dr. Ankita Singh Asst. Prof., FPT, ADIT 9638454748 Prof. Kinnari Patil Asst. Prof., Maths Cell 90169 45822
<b>4</b>	<b>Registration and certificate distribution</b>	Prof. Harsh Joshi Asst. Prof., Mechanical Dept. 98989 34896 Prof. Tejas Prajapati Asst. Prof., Mechanical Dept. 88668 20375
<b>5</b>	<b>Session Coordinator</b>	Prof. Darshan Yagnik Asst Prof., Civil Engineering Dept. 9106380274

<b>6</b>	<b>Hospitality Committee for ADIT for inauguration and closing ceremony</b>	Prof. Ishita Theba Ass. Prof., Computer Engg Dept., ADIT Prof. Khushali Shah Ass. Prof., EC, ADIT
<b>7</b>	<b>Media Coverage (Print media and Social media)</b>	Dr. Sanjay Patel Head, AE, ADIT 9426233297 Prof. Prerak Thakkar Asst. Prof., Comp, ADIT 9998145150
<b>8</b>	<b>Hospitality Committee for government officials, jury members and faculty mentors</b>	Prof. Tushar Trivedi Asst. Prof., SSS cell, ADIT 93741 24586 Prof. Ishita Theba Asst. Prof., Comp, ADIT 99909977596
<b>9</b>	<b>Discipline Committee</b>	Dr. Kiran Patel Sports Instructor, ADIT 9428151682 Dr. Shivkumar Singh Asst. Prof., ADIT 9714577020
<b>10</b>	<b>Design Committee</b>	Prof. Aniruddh Kurthkoti Asst. Prof., CVM Uni. 9924763040
<b>11</b>	<b>Electrical Solutions, Generator support and Air-conditioning</b>	Dr. Hardik Shah Head, EE, ADIT 9824394393
<b>12</b>	<b>Food Committee</b>	Dr. Pravin Prajapati Assoc. Prof., EC, ADIT 9429367045
<b>13</b>	<b>IT infrastructure support &amp; Internet Coordinator</b>	Dr. Dinesh Prajapati Asso. Prof. Coordinator AI&DS 99250 42680 Prof. Anand Pandya Asst Prof. IT, ADIT 94287 08535
<b>14</b>	<b>Videography and Photography</b>	Prof. Soniya Hingu Asst. Prof. Comp Dept., ADIT 90999 77977 Prof. Mitul R Malli Asst. Prof., ME, ADIT 94284 95457



Date: 9th February, 2023

**CIRCULAR**

CVMU has been selected as "Nodal Centre" for Grand Finale of Smart Gujarat Hackathon 2022 (SSIP 2.0) during 10<sup>th</sup> February, 2023 to 11th February, 2023. Following esteemed faculty members are nominated to act as "Session Coordinators" and "support staff" respectively for dates and Session mentioned against their name during the event. Office time has been changed for allocated faculty members and support staff as mention below. The faculty members are requested to adjust their teaching load for the same.

Sr. No.	Name		Date	Session/Office Time
	Faculty Member	Supporting staff		
1	Prof. Axit Kachhia (CP)	Vikrambhai Rabari (CP)	10-02-2023	09:00am to 05:00pm
2	Prof Mehul B. Patel (ME)	Jyotrindrabhai Sharma (FT)	10-02-2023	
3	Prof. Keyur Patel (IT)	Mineshbhai Patel (EE)	10-02-2023	05:00pm to 12:00 am
4	Dr. Mitesh B Astik (EE)	Rameshbhai Parmar (Civil)	10-02-2023	
5	Prof. Chinmay B Joshi (CP)	Upendrabhai Patel (FPT)	11-02-2023	12:00am to 08:00am
6	Prof. Mukesh D. Patel (Maths)	Ulkeshbhai Patel (CP)	11-02-2023	
7	Prof. Axay S. Shah (Civil)	Rambhai Gohil (Civil)	11-02-2023	08:00am to 05:00pm
8	Prof Manisha V. Makwana (ME)	Birenbhai Mecwan (Workshop)	11-02-2023	

**Venue for Hackathon team execution is IT/CP Labs.**

Prof. Darshan Yagnik  
Faculty Coordinator

Dr. Vishal Singh  
Principal

(C:) Depts  
1) office / (Kachhia bhai)  
2) concerned.

Date: 9th February, 2023

**CIRCULAR**

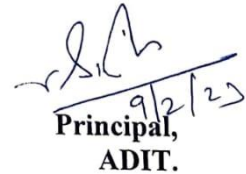
CVMU has been selected as "Nodal Centre" for Grand Finale of Azadi ka Amrut Mahotsav Hackathon 2022 (SSIP 2.0) during 10<sup>th</sup> February, 2023 to 11th February, 2023. Following staff members are nominated to act as "Technical Staff" for dates and Session mentioned against their name during the event. Office time has been changed for allocated members as below.

Sr. No.	Name	Date	Session/Office Time
1	Ms. Hiral Patel (IT)	10-02-2023	09:00am to 05:00pm
2	Mr. Nimesh Patel (CP)	10-02-2023	05:00pm to 12:00 am
3	Mr. Hitesh Patel (IT)	11-02-2023	12:00am to 08:00am
4	Mr. Vipul Patel (CP)	11-02-2023	08:00am to 05:00pm

**Venue for Hackathon team execution is IT/CP Labs.**



**Prof. Darshan Yagnik**  
Faculty Coordinator



**Principal,**  
**ADIT.**

Copy to

- Head, IT & CP Department
- Concerned Staff Members
- Office/Mr. Kishanbhai