

Vidya Pratishthan's
Kamalnayan Bajaj Institute of Engineering & Technology

Vidya Pratishthan's

Kamalnayan Bajaj Institute of Engineering and Technology, Baramati-413133

Approved by AICTE New Delhi and Govt. of Maharashtra, Affiliated to Savitribai Phule University

NAAC 'A+' Grade



**SMART INDIA
HACKATHON
2024**

Report on Internal Smart India Hackathon -2024

Submitted By

Dr. Santaji Shinde

SPOC-VP's Kamalnayan Bajaj Institute of Engineering and Technology,
Baramati-413133 (MH)

About Institute

Vidya Pratishthan's Kamalnayan Bajaj institute of Engineering and Technology is located in Baramati, Dist.-Pune, Maharashtra. The college is Autonomus and affiliated to Savitribai Phule University, Pune (SPPU) and has NAAC 'A+' grade. The institute has more than 2250 students pursuing their UG and PG degree in Engineering courses. Our institute has excellent infrastructure, friendly clean environment, well-equipped Modern Laboratories, dedicated faculty and staff.




The inaugural function of *Internal Smart India Hackathon-2024* was organized on 19th September 2024, Thursday in the VP's Conference Hall, main building of our institute between 10.00 a.m. to 5.00 p.m. The flyer of the event is given below.



The flyer features a header with logos for G20, Ministry of Education (Government of India), AICTE, MoE's INNOVATION CELL (GOVERNMENT OF INDIA), SMART INDIA HACKATHON 2024, and 75th Anniversary. The main content is enclosed in a dark, semi-circular frame. On the left is the SIH 2024 logo. The central text reads: "Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology, Baramati Conducting internal Hackathon for SIH 2024 19/09/2024 Thursday, 3.00 PM". On the right is the Vidya Pratishthan logo. Below the frame, the text "Welcome You All" is prominently displayed, followed by the venue: "Venue: Bharat Forge Sponsored Centre of Excellence for Youth Development Focusing on Women Empowerment". At the bottom, there are social media handles for Facebook, Twitter, Instagram, and YouTube, all listed as /VPKBIET-Baramati.

Following were the dignitaries, who attended the inaugural function of the "Internal Smart India Hackathon-2024".

	<p>Mr. Pavan Kale, Senior Consultant, INFOSYS Pune - 411057. Email Id: kale.pavan0502@gmail.com Mobile: +91 988-166-2518</p>
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Dr. Yogita D Sinkar

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Dr. Santaji Shinde

SPOC-SIH-2024,

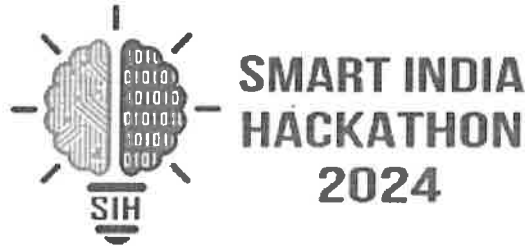
VP's Kamalnayan Bajaj Institute of Engineering
and Technology, Baramati-413133.

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The schedule of the inaugural function is attached herewith:

**Vidya Pratishthan's
Kamalnayan Bajaj Institute of Engineering and Technology, Baramati**



**Smart India Hackathon 2024
Internal Smart India Hackathon-2024**

Date: 19th September 2024

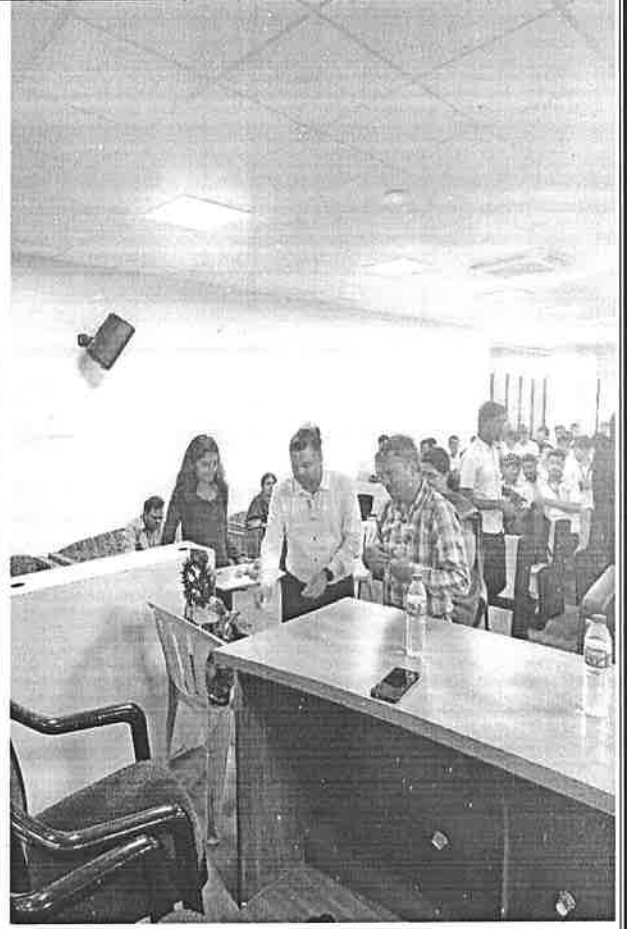
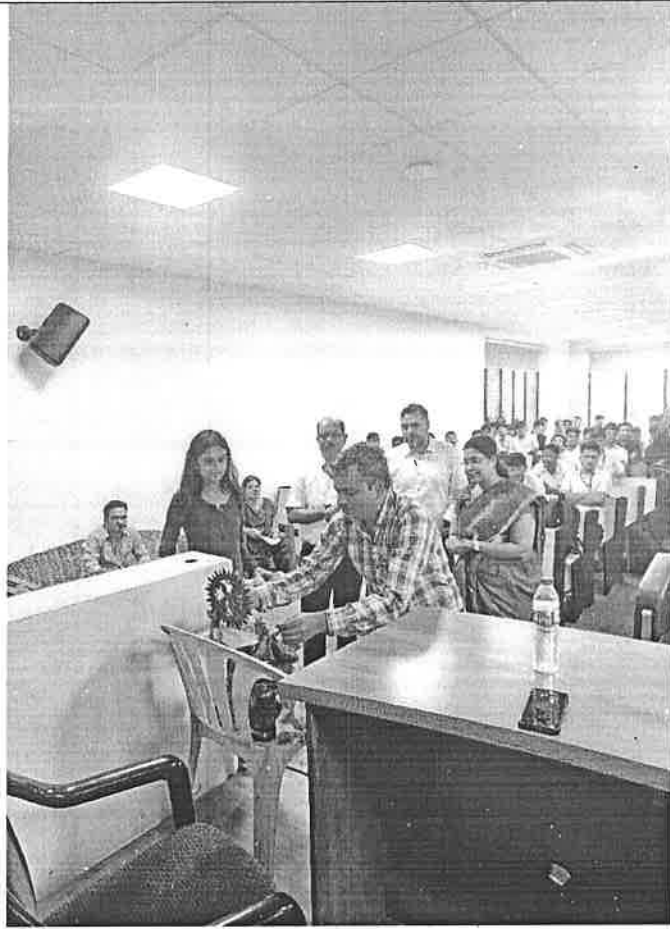
Venue: Conference Hall-Main Building, VPKBIET Baramati

Time	Event
03:00 p.m.	Guest of Honor, Hon. Principal, Registrar, and other dignitaries
03:05 p.m.	Introduction Address about SIH by Dr. Santaji Shinde
03:10 p.m.	Introduction and Felicitation of the Guest of Honor
03:20 p.m.	Address by Hon. Principal Sir
03:30 p.m.	Vote of Thanks by Dr. Jyoti Rangole

Dignitaries:

- Guest of Honors: 1. Mr. Pavan Kale –Senior Consultant INFOSYS, Pune
2. Dr. Yogita D Sunkar –Professor-SVPMS CoE Malgaon(BK)
3. Mr. Bhopes Kumbhar –CEO ,AI AgiLabPlus InvenTech
Dr. R.K. Shastri –Registrar

A few glimpses of the Inaugural Function are shown below:



Light Lighting Ceremony



Felicitation of the Chief Guest, Mr. Kumbhar Sir



Felicitation of the Chief Guest, Mrs. Sinkar Y.D. Madam



Ribbon Cutting Ceremony at Internal Hackathon 2024






Welcome Address by Dr. Shinde, SPOC-SIH-2023



Participants at the inauguration ceremony

Jury members:

	<p>Mr. Pavan Kale, Senior Consultant, INFOSYS Pune – 411057 Email Id: kale.pavan0502@gmail.com Mobile: +91 988-166-2518</p>
	<p>Dr. Yogita D Sinkar Associate Professor, SVPM's College of Engineering, Malegaon(Bk.) Email Id: ydsinkar@engg.svpm.org.in Mobile: +91 9657726150</p>
	<p>Mr. Bhopesh Kumbhar CEO AI AgilabPlus Inventech Pune-411021 bhupesh.k@aiopcpl.in Mobile: +91-8668436022</p>

Total **76 teams** are participated in the Internal Smart India Hackathon and after assessment final 45 teams are shortlisted and five teams for waitlist in SIH-2024.

Vidya Pratishthan's Kamalnayan Bajaj Institute of
Engineering & Technology, Baramati

Internal Hackathon Participating List

Date: 19th SEPT-2024

Sr.No	Team Name	Name of Team Leader	Contact No	Problem Statement Title	Statement number	Category
1	Smart Navigators	ABHAY ARUN PANSARE	7219035949	student innovation	SIH1533	Hardware
2	Hybrid Power House	ARPITA YASHWANTH AADKI	8830342978	Predictive Modeling with Ma	SIH1530	Hardware
3	Adventurous	YUVRAJ BAPU WAGHMODE	9146437544	Smart Traffic Control Signal	SIH1753	Software
4	TechWings	MANDAR ATUL MORE	9623631004	Indigenous logistics Drones	SIH1774	Hardware
5	Research Rabels	POOJA RAJENDRA BHOITE	9146223910	Research and redesign a cc	SIH1543	Hardware
6	Tech torque	PRANAV VITTHAL SHEDAGE	9322940559	Automatic Floor Cleaning Ma	SIH1532	Hardware
7	Team Rolex	RUTURAJ SAGAR INDULKAR	9420820221	Student innovation	SIH1533	Hardware
8	3D Innovators	SAYALI JADHAV	8767193644	Research and redesign a cc	SIH1543	Hardware
9	Mech GT	SAGAR SOPAN LODADE	9834620501	Clean and green technology	SIH1532	Hardware
10	BIT WIZARDS	ATHARVA VIJAY SANGAR	7888162482	Student Innovation	SIH1530	Hardware
11	Fire Breathers	PUSHKARAJ RAVINDRA JADHAV	77688 60181	Design & Development Of A	SIH1544	Hardware
12	Tech wings 01	MANDAR ATUL MORE	9623631004	Smart Irrigation System for F	SIH1554	Hardware
13	CE06	DISHA SANDIP SURANA	8010502761	The Technological Solutions	SIH1616	Software
14	CE01	SANIKA KADAM KHETMALIS	7410737039	Experimental Investigation To	SIH1530	Hardware
15	CE02	SUJATA SNEHAL SHANKAR PHUTKE	9689955719	Utilization of Stabilized Black	SIH1530	Hardware
16	CE04	DASANGE ADITYA BHANDARE	9022903325	Environmental study on Mat	SIH1532	Hardware
17	CE07	PRANAV P	9011315033	Estimation of Sour Depth and	SIH1527	Hardware
18	CE08	VIDYA R. JADHAV	7666736483	Geopolymer- a way to susta	SIH1530	Hardware
19	CE09	BHOSALE NUPUR SUNIL	9960439686	Finite Element analysis of th	SIH1530	Hardware
20	CE03	SOMIT SURESH KADAM	8262987044	LULC Change Detection of U	SIH1536	Software
21	Medicoders 1	SOMIT SURESH KADAM	7249828035	Queuing models in OPDs/ av	SIH 1620	Software
22	Medicoders 2	SATVIK SHAM ROKADE	7249828035	ID 855 Create a Virtual Herti	SIH 1620	Software
23	Team Hexagon	DARSHAN SANJAY NYAHALDE	9503144168	Student Innovation	SIH1528	Hardware
24	Healthcare Warrior	HARSH SUNIL AINCHWAR	9373024055	Queuing models in OPDs/ av	SIH1620	Software
25	Tech Titans of Law	KISHOR PANDIT BARULE	9405579252	Let's Learn Constitution in a	SIH1703	Software
26	Health Hustlers	RAJ NARAYAN KODAG	7038864101	Availability of beds and adm	SIH1620	Software
27	N Stars	PRATIK MARUTI LONDHE	9322892023	Women Safety Analytics: R	SIH1605	Software
28	Bugvengers	AYUSH SACHIN LUNAWAT	8767329147	Queuing models in OPDs/ av	SIH1620	Software
29	Hacktivists Unite	SHRUSHTI RANJIT GAIKWAD	7249074594	Development of a versatile a	SIH1658	Software
30	Team Univara	ANUSHKA SHAH	9767267333	Student Innovation - Ideas th	SIH1598	Software
31	Hacktivists Unite	POOJA WAGH	7720834472	Student Innovation - Idea	SIH1598	Software
32	Amateurs	SAMIKSHA KAPSE	9834973614	An interactive job and intren	SIH1632	Software
33	Team Univara	SHIVANJALI NIMBALKAR	8767798083	Portal for innovation excelle	SIH1643	Software
34	The design squad	OMKAR GOVIND POTANGALE	9021772394	Indian sign language to text	SIH183	Software
35	Team Falcons	ISMAIL ASHFAQUE SAYYED	9921170002	Stray Animals Rescue and S	SIH1597	Software

Internal Hackathon Participating List

Date: 19th SEPT-2024

36	Code Crackers	SIDDHI HARIDAS SHELKE	8530523153	Fake Social media accounts	SIH1775	Software
37	Byte Brains	NIKITA DATTATRAY KHAMKAR	8177842703	AI-Powered Delivery Post O	SIH1758	Software
38	Code Avengers	AJAY PANDHARINATH JADHAV	7385450262	AI-Driven Crop Disease Pre	SIH1638	Software
39	Innovators	ONKAR NAVNATH GAWADE	7058486589	AI-Driven Crop Disease Pre	SIH1638	Software
40	RookieSquad	OM ANIL KALE	8421124576	Development of a mobile ap	SIH1656	software
41	Tech Buddies	POORNIMA YUVARAJ VIDYA	7719008466	AI-Driven Crop Disease Pre	SIH1638	Software
42	BinaryBunch	RACHIT UGALKAR	7030066909	Smart Irrigation system	SIH1554	Hardware
43	Tech Tinkers	AMIT JADHAV	7798978972	Fertility detection of unincub	SIH1536	Student
44	Tech Tonics	ADITYA DIGAMBAR MITKAR	8455669944	Women SafetyAnalytics-pro	SIH1605	Hardware
45	Catalyst	PRATIK UTTAM MHASAWADE	8262956869	Non Electrical Solar panel Tr	SIH1545	Hardware
46	SyraX	ADITYA BODAKE	9699436141	Smart Irrigation system for P	SIH1554	Hardware
47	Sentinal 1	ADITYA BODAKE	9699488742	Forecasting Future water r	SIH1535	Hardware
48	Electrical Shockers	AUTADE JAYSHRI	8080693859	student innovation	SIH1535	Hardware
49	InnoVentures	SHRUTI MAHADEV KEKAN	7709437027	student innovation	SIH1535	Hardware
50	AutoGuard Innovators	SONALI TATYABA TELI	9146407804	student innovation	SIH1535	Hardware
51	ChromaRadar	SAMYAK SHASHIKANT THOOL	9322657720	SAR Image Colorization for Co	SIH1733	Software
52	Software Sorcerers	ATHARAV PRASHANT GAVHANE	9754881006	Student innovation :-Farmers	SIH1596	Software
53	Tech titans	FAUZIYA MAZAR SHAIKH	8421958795	AI-Driven Crop Disease Predi	SIH1638	Software
54	Fresh Thinkers	AYUSH NARENDRA KUMKAR	8855011546	Mobile app for direct market	SIH1637	Software
55	Oratio	JANVI GIRISH TAMBE	8830001371	Software for Speech Language	SIH1714	Software
56	MIRACLES	TANISHK ARJUN KALASKAR	7020843384	Indigenous logistics Drones t	SIH1774	Hardware
57	INIT TO WINIT	KAPIL PRAVIN MARATHE	9403081682	Development of AI-ML based	SIH1647	Software
58	Bomb Squad	ASHUTOSH JAID	9518791051	Blockage detection	SIH1557	Hardware
59	Prime Coders	PRATHAMESH SANTOSH PAGALE	9853429696	Downscaling of Satellite-Bas	SIH1734	Software
60	Academia	ADITYA GURAV	8830001371	Create an Annual Report Por	SIH1641	Software
61	Code Squad	OMKAR BALASAHEB KADAM	9322300141	Freelancing Platform	SIH1629	Software
62	Bomb Squad	SIDDHI GADEKAR	7709429771	AI-Driven Crop Disease Predi	SIH1638	Software
63	Team DRK	ATHARV JAGDALE	9021535501	Women Safety Analytics	SIH1605	Software
64	Mountain Aerial Scouts	KULTHE VEDIKA	814964541	Student innovation	SIH1533	Software
65	Forecast Fusion	GAYATRI PRAKASH JAGDALE	7249538878	Development of AI-ML based	SIH1647	Software
66	CODE CRAFTERS	AJAYRAJE DILIPKUMAR SHINDE	9172038083	Freelancing Platform	SIH1629	Software
67	ELITE TECH TITANS	ROHAN DADASO LANDGE	7620213596	Mentor Connect	SIH1630	Software
68	Tech Mavericks	SHAHIN ISAK SAYYAD	8626000328	Development of AI/ML based	SIH1683	Software
69	Apex Innovators	ARYAN GORAKSHA NAVALE	9309412187	Development Of Alternative	SIH1547	Hardware
70	AIMERS	SHREYA SANJAY BHOITE	7498735598	Smart Irrigation System for P	SIH1554	Hardware
71	AI Trailblazer	MANSVI DIPAK KHEDKAR	9307738018	Conversational Image Recog	SIH1604	Software
72	AI TITANS	RUTUJA AJAY SHINDE	9730668606	A software application - Grou	SIH1696	Software
73	The Zeros	AYESHA JAINUDDIN KABIR	7447578005	Student Innovation	SIH1587	Software
74	KINGMAKERS	AMOL SANJAY KHNERKAR	7020640066	Sustainable Fertilizer Usage	SIH1639	Software
75	Apex Innovators	ARYAN GORAKSHA NAVALE	9309412187	Student Innovation	SIH1535	Hardware
76	Logic Legends	ANKITA SUHAS GAIKWAD	8380858832	AI-Driven Crop Disease Predi	SIH1638	Software



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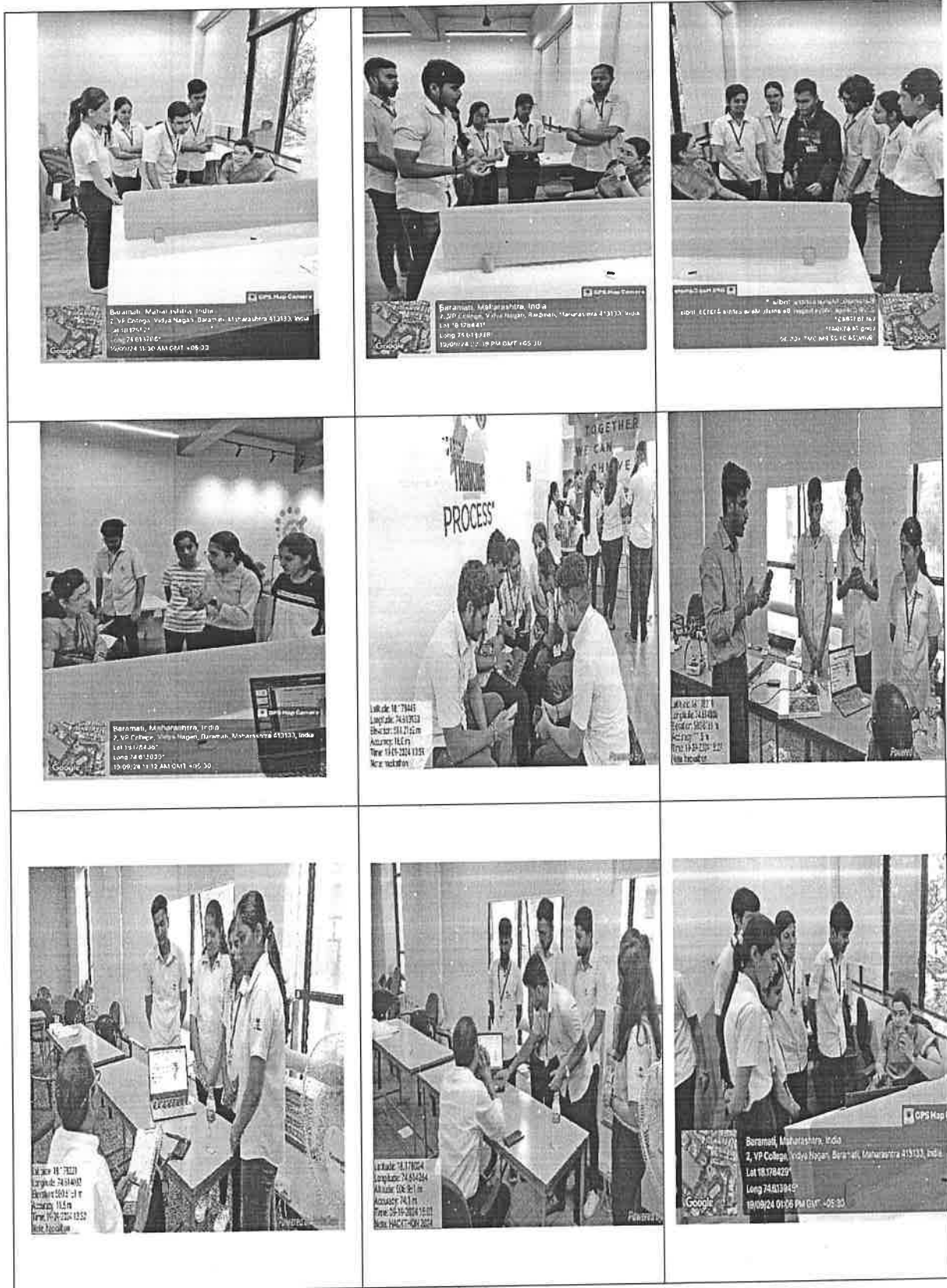
Kamalnayan Bajaj Institute of Engineering and Technology, Baramati

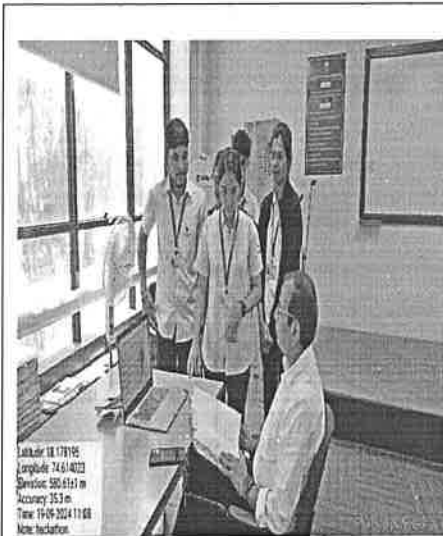
Internal Smart India Hackathon-2024

Evaluation Sheet

Parameters						
Team ID	Team Name	Idea [10]	Technology used [5]	Feasibility [5]	Working Plan [5]	Total [25]

Few glimpses of the evaluation process are shown below:





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 Longitude: 74.614023
 Elevation: 585.8151 m
 Accuracy: 35.3 m
 Time: 19-09-2024 11:58
 Note: Hackathon



Baramati, Maharashtra, India
 2, VP College, Vidya Nagari, Baramati, Maharashtra 413132
 Lat: 18.178491°
 Long: 74.614°
 19/09/24 10:29 AM GMT +05:30



Baramati, Maharashtra, India
 2, VP College, Vidya Nagari, Baramati, Maharashtra 413132
 Lat: 18.178491°
 Long: 74.6136°
 19/09/24 10:45 AM GMT +05:30



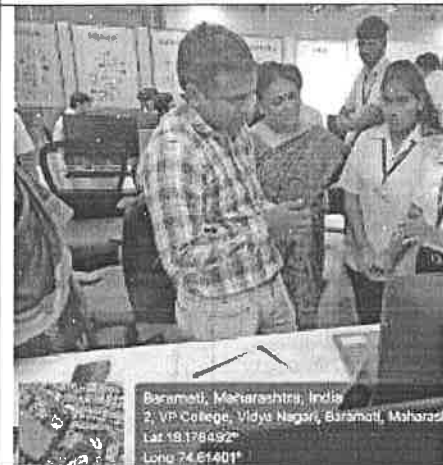
Baramati, Maharashtra, India
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 Long: 74.614°
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Baramati, Maharashtra, India
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 Long: 74.613912°
 19/09/24 11:38 AM GMT +05:30



Baramati, Maharashtra, India
 2, VP College, Vidya Nagari, Baramati, Maharashtra 413132
 Lat: 18.178492°
 Long: 74.613802°
 19/09/24 10:48 AM GMT +05:30



Baramati, Maharashtra, India
 2, VP College, Vidya Nagari, Baramati, Maharashtra 413132
 Lat: 18.178492°
 Long: 74.61401°



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 Longitude: 74.613995
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 Note: Hackathon

**Vidya Pratishthan's Kamalnayan Bajaj Institute of
Engineering & Technology, Baramati**
Internal Hackathon-2024 Date: 19th SEPT-2024
Top Shortlisted 45 Teams for Smart India Hackathon 2024

Rank	Team Name	Name of Team Leader	Stream	Statement No	Category
1	CE01	SANIKA KADAM	Civil	SIH1530	Hardware
2	CE02	KHETMALIS SUJATA	Civil	SIH1530	Hardware
3	Health Hustlers	KISHOR PANDIT BARULE	COMP	SIH1620	SOFTWARE
4	N Stars	RAJ NARAYAN KODAG	COMP	SIH1605	SOFTWARE
5	The design squad	SHIVANJALI NIMBALKAR	COMP	SIH183	SOFTWARE
6	Tech Buddies	OM ANIL KALE	IT	SIH1638	Software
7	Team Hexagon	SATVIK SHAM ROKADE	COMP	SIH1528	HARDWARE
8	Tech Titans of Law	HARSH SUNIL AINCHWAR	AIDS, COMP	SIH1703	SOFTWARE
9	Hacktivists Unite	AYUSH SACHIN LUNAWAT	COMP	SIH1658	SOFTWARE
10	BinaryBunch	POORNIMA YUVARAJ VIDYA	ENTC	SIH1554	Hardware
11	TechWings	MANDAR ATUL MORE	MECH	SIH1774	Hardware
12	Fire Breathers	PUSHKARAJ RAVIDRA JADHAV	MECH	SIH1544	Hardware
13	CE04	SNEHAL SHANKAR PHUTKE	Civil	SIH1532	Hardware
14	Amateurs	SAHIL SHEKHAR SHIVJATAK	COMP	SIH1632	SOFTWARE
15	Code Crackers	ISMAIL ASHFAQUE SAYYED	IT	SIH1775	Software
16	Tech Tonics	AMIT JADHAV	ENTC	SIH1605	Hardware
17	Smart Navigators	ABHAY ARUN PANSARE	MECH	SIH1533	Hardware
18	BIT WIZARDS	ATHARVA VIJAY SANGAR	MECH	SIH1530	Hardware
19	Tech wings 01	MANDAR ATUL MORE	MECH	SIH1554	Hardware
20	CE07	DASANGE ADITYA	Civil	SIH1527	Hardware
21	Team Univara	SHRUSHTI RANJIT GAIKWAD	COMP	SIH1598	SOFTWARE
22	SyraX	PRATIK UTTAM MHASAWADE	ENTC	SIH1554	Hardware
23	ALBATROSSES	PRATHAMESH SANTOSH PAGAL	AIDS	SIH1734	Software
24	Forecast Fusion	GAYATRI PRAKASH JAGDALE	AIDS	SIH1647	Software
25	AIMERS	SHREYA SANJAY BHOITE	AIDS	SIH1554	Hardware
26	Adventurous	YUVRAJ BAPU WAGHMODE	AIDS, MECH	SIH1753	Software
27	Tech torque	PRANAV VITTHAL SHEDAGE	MECH	SIH1532	Hardware
28	Team Rolex	RUTURAJ SAGAR INDULKAR	MECH	SIH1533	Hardware
29	Mech GT	SAGAR SOPAN LODADE	MECH	SIH1532	Hardware
30	CE06	DISHA SANDIP SURANA	Civil, E&TC	SIH1616	Software
31	CE08	BHANDARE PRANAV P	Civil	SIH1530	Hardware
32	Medicoders 1	SOMIT SURESH KADAM	COMP	SIH 1620	SOFTWARE
33	Code Avengers	NIKITA DATTATRAY KHAMKAR	IT	SIH1638	Software
34	RookieSquad	ONKAR NAVNATH GAWADE	IT	SIH1656	software
35	Tech Tinkers	RACHIT UGALKAR	ENTC	SIH1536	Student
36	Fresh Thinkers	AYUSH NARENDRA KUMKAR	AIDS	SIH1637	Software
37	Bomb Squad	ASHUTOSH JAID	AIDS	SIH1557	Hardware
38	AI TITANS	RUTUJA AJAY SHINDE	AIDS	SIH1696	Software
39	Apex Innovators	ARYAN GORAKSHA NAVALE	AIDS	SIH1535	Hardware
40	Healthcare Warrior	DARSHAN SANJAY NYAHALDE	COMP	SIH1620	SOFTWARE
41	Hacktivists Unite	ANUSHKA SHAH	COMP	SIH1598	SOFTWARE
42	Team Univara	SAMIKSHA KAPSE	COMP	SIH1643	SOFTWARE
43	Innovators	AJAY PANDHARINATH JADHAV	IT	SIH1638	Software
44	MIRACLES	TANISHK ARJUN KALASKAR	AIDS	SIH1774	Hardware
45	Mountain Aerial Scouts	KULTHE VEDIKA	AIDS	SIH1533	Software

WAITLIST 5 TEAMS FOR SMART INDIA HACKATHON 2024

46	CODE CRAFTERS	AJAYRAJE DILIPKUMAR SHI	AIDS	SIH1629	Software
47	AI Trailblazer	Mansvi Dipak Khedkar	AIDS	SIH1604	Software
48	KINGMAKERS	AMOL SANJAY KNHERKAR	AIDS	SIH1639	Software
49	CE03	Bhosale Nupur Sunil	Civil	SIH1536	Software
50	Bugvengers	Pratik Maruti Londhe	AIDS, COMP,	1620	SOFTWARE

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<https://www.instagram.com/vpkbiet.baramati/>
<https://www.linkedin.com/in/vpkbiet-baramati/>
<https://www.youtube.com/@vpkbietbaramati5418>

Sik
Dr. Santaji Shinde
SPOC SIH-2024



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