



Gokhale Education Society's

**R. H. Sapat College of Engineering, Management
Studies & Research**

Prin. T. A. Kulkarni Vidyanagar, Nashik- 42205



REPORT

on

INTERNAL HACKATHON 2023

AICTE Application No/ UGC Registration No : C-41921



Date : Saturday, 23rd Sep 2023

Submitted by

Mr Nilesh Alone

SPOC, SIH 2023 GES's RHSCOEMSR, Nashik

POSTER



Gokhale Education Society's
**R. H. Sapat College of Engineering,
Management Studies & Research,
Nashik - 422005**

INTERNAL HACKATHON 2023

Software and Hardware Edition

*Best teams from Software & Hardware Category
will be shortlisted for*



SMART INDIA
HACKATHON
2023



Register your team using the following link:

<https://forms.gle/rgGgZgT18pQnAovv5>

Eligibility :

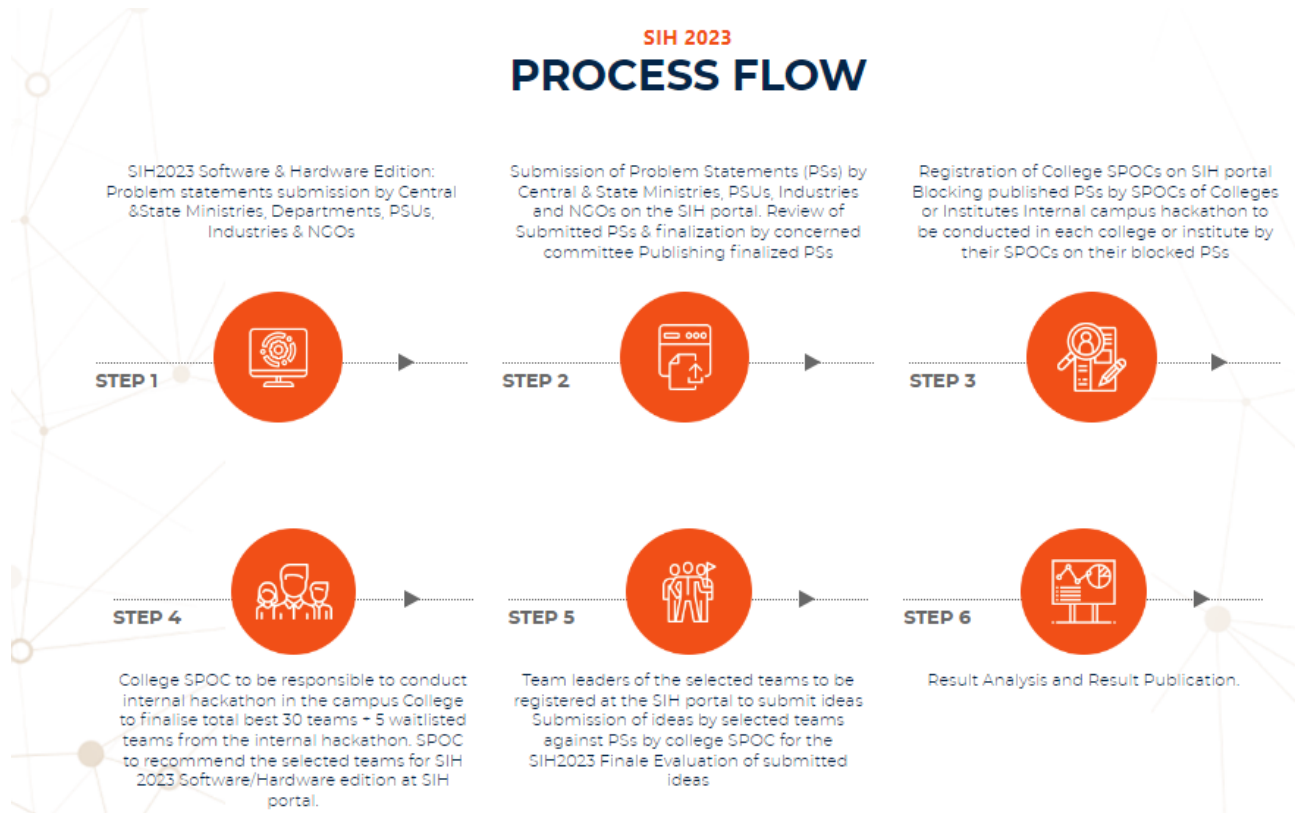
- **All students of UG & PG from Civil/ Computer/ Electrical/ E&TC/ Mechanical**
- **Each team would mandatorily comprise of 6 members including the team leader.**
- **Each team must have AT LEAST ONE FEMALE TEAM MEMBER.**

Important date:

- Last date of team registration : **14/09/2023**
- Preparation for the presentation : **14/09/2023- 22/09/2023**
- Internal Hackathon 2023 Competition : **23/09/2023**
- Result of Internal Hackathon 2023 : **25/09/2023**
- Registration of selected teams on SIH portal : **25/09/2023**

For more information, please visit :<https://sih.gov.in/>





PROCESS FLOW - SMART INDIA HACKATHON 2023



STATISTICS

Event Date	: 23rd Sep 2023
Event Location	: Department of Computer Engineering, GES's R H Sapat COEMSR, Nashik
Total no. of Students Participated	: 78
No. of female Participants	: 38
No. of male Participants	: 40
Mode of the Internal Hackathon	: Online
Problem Statement (PS) attempted by teams	: 18
Total No. of teams participated	: 13
Total No. of teams selected	: 13

JURIES AND TEAM MEMBERS INVITATION

Sr. No.	Name of the Jury	Designation of Jury	Organization of Jury	Photo
1	Mr. Swapnil Ghorpade	Director	Weoto Technologies Pvt Ltd Nashik	
2	Dr. Neeta Deshpande	Associate Professor, Department of Computer Engineering	GES's R H Sapat College of Engineering, MSR, Nashik	
3	Dr. Atul Koshti	Associate Professor, Department of Electrical Engineering	GES's R H Sapat College of Engineering, MSR, Nashik	
4	Dr. Poonam Chaudhary	Associate Professor, Department of MCA (Engineering)	GES's R H Sapat College of Engineering, MSR, Nashik	

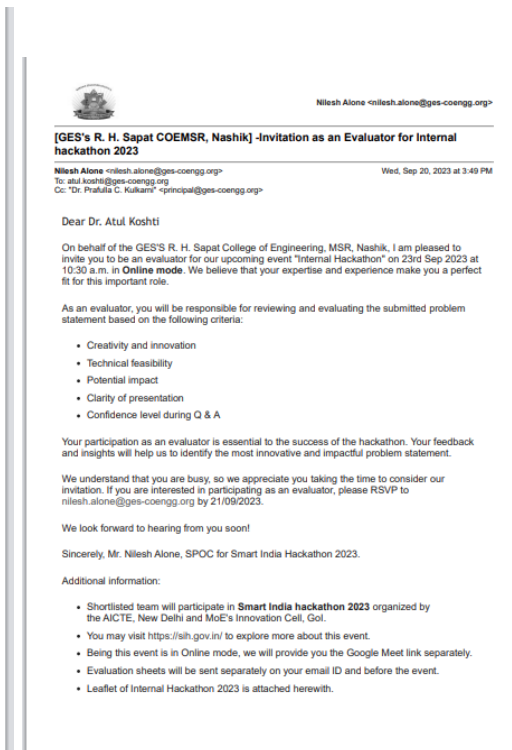
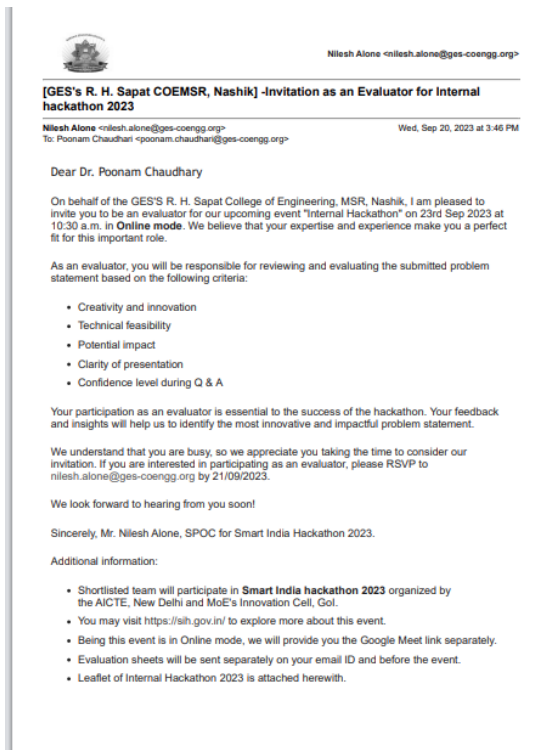
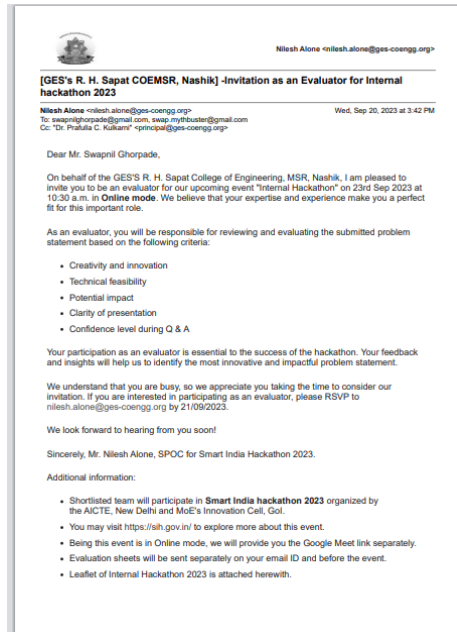
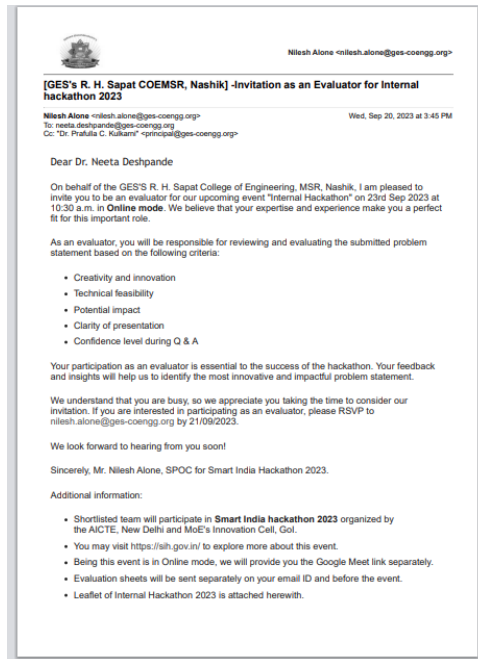


Fig. 1 Invitation to all teams and Jury members

List of Team Leaders for SIH 2023

Sr. No.	Name of Team Leaders	Mobile No TL	Email Id of TL
1	Shantanu Shaligram Ingale	9834046463	shantanu.s.ingale@ges-coengg.org
2	Shubham Gajanan Kankarej	8087424688	shubham.kankarej1@ges-coengg.org
3	Sakshi Dattatray Sangale	9021163019	sakshisangale7@gmail.com
4	Aaradhya Moreswar Kulkarni	7517534669	22_aaradhya.kulkarni@ges-coengg.org
5	Ulhas Jagannath Baviskar	7218457245	21_ulhas.baviskar@ges-coengg.org
6	Vedant Vijay Rajguru	9730285334	dsy.rajguruvedant@ges-coengg.org
7	Kavita Rajan Marar	7020972868	mararkavita@gmail.com
8	Shreya Mandar Padmanabhi	8411881485	spadmanabhi2002@gmail.com
9	Gauri Nitesh Suryawanshi	7385301075	gaurisuryawanshi3008@gmail.com
10	Atharva Amit Sangit	8390636252	atharva.a.sangit@ges-coengg.org
11	Rushikesh Sachin Malve	9373821117	rushismalve02@gmail.com
12	Tanmay Ravindra Bharambe	9405404327	tanmaybharambe.sih@gmail.com
13	Sanket Vasant Borade	9370450837	sanket.v.borade@ges-coengg.org

LIST OF PROBLEM STATEMENT ADDRESSED BY STUDENTS

Team Name	Name of Theme	Category	Organization	Problem Statement
Hacktastic	Smart Automation	Software	AICTE	Integration of AI for Adaptive Learning for MCQ Selection in PARAKH
Team InnvoTracker's (Hardware)	Transportation & Logistics	Hardware	Ministry of coal	A system of IoT Devices to prevent under-loading / overloading of Railway wagons.
Team Innvotrakers (Software)	Fitness and Sports	Software	Government Of Gujarat	Self-identifying mental health status and get guidance for support.
Team InnvoTracker's (Hardware)	Smart Automation	Hardware	Ministry of Social Justice and Empowerment	Despite prohibition of hazardous cleaning of sewers and septic tanks (manual cleaning of sewers and septic tanks without safety kits, safety devices and without adherence to safety precautions) it is still being resorted to in many parts of the country.
Team InnvoTracker's (Hardware)	Smart Automation	Hardware	Government of Jammu and Kashmir	Innovative Solution for Reducing ATandC Losses due to Power Pilferage in Electrical Sector
Team InnvoTracker's (Hardware)	Smart Automation	Hardware	Ministry of Housing and Urban Affairs	Centralized Monitoring System for Street Light Fault Detection and Location Tracking
Team InnvoTracker's (Hardware)	MedTech / BioTech / HealthTech	Hardware	Government of Kerala	Development of Smart Toilet
GreenByte	Smart Automation	Software	Ministry of Environment	E-Waste Facility Locator
Team Six Sigma's	Transportation and Logistics	Hardware	Ministry of Coal	A system of IoT Devices to prevent under-loading / overloading of Railway wagons.
Akatsuki	Agriculture, Food Tech & Rural Development	Hardware	Ministry of Jal Shakti	Automatic regulation of valves for release of water based upon soil moisture availability in the root zone of the crop, using artificial intelligence, in a piped and micro

Team Name	Name of Theme	Category	Organization	Problem Statement
				irrigation network of irrigation system.
Celestials	Miscellaneous	Software	AICTE, MIC-Student Innovation	Student Innovation
RoamingDevelopers	Travel & Tourism	Software	AICTE, MIC-Student Innovation	Student Innovation
Team_Veda	MedTech/BioTech/HealthTech	Software	Ministry of Ayush	Identification of Different Medicinal Plants/Raw materials through Image Processing Using Machine Learning Algorithms
InnoVision Geeks	Smart Education	Software	Government of Jharkhand	Online integrated platform for projects taken up by the students of various universities/colleges
ibot Interface	Smart automation	Software	Ministry of coal	Chatbot to respond to text queries pertaining to various Acts, Rules, and Regulations applicable to Mining industries
CODE MAVERICKS	Transportation & Logistics	Software	Ministry of Textiles	Application Development for monitoring of wool from Farm to Fabric
Dev Doodles	Blockchain & CyberSecurity	Software	Ministry of Law and Justice	Developing a Blockchain-Based eVault for Legal Records
Dev Doodles	Blockchain & Cybersecurity	Software	AICTE, MIC-Student Innovation	Student Innovation

On Social Media



PHOTO GALLERY OF AN EVENT







End of Report