



**Ministry of  
Education**  
Government of India



**SMART INDIA  
HACKATHON  
2023**



## **INTERNAL HACKATHON REPORT - SMART INDIA HACKATHON 2023 (SIH23)**

### **SILIGURI INSTITUTE OF TECHNOLOGY (SIT)**

Hill Cart Road  
Post Office – Sukna, Siliguri  
District – Darjeeling  
State – West Bengal  
Pin – 731221  
Website – [www.sittechno.org](http://www.sittechno.org)

#### **EVENT DATE, TIME, VENUE & MODE DETAILS:**

**Date:** September 26, 2023

**Time:** 2:00 PM Onward

**Venue:** Sir J. C. Bose Seminar Hall, Siliguri Institute of Technology (SIT) Campus

**Mode:** Offline

#### **REPORT PREPARED BY:**

Deb Shekhar Laha  
Single Point of Contact (SPOC),  
Smart India Hackathon 2023 (SIH23),  
Siliguri Institute of Technology (SIT)

#### **ABOUT THE EVENT:**

The Internal Hackathon for Smart India Hackathon 2023 (SIH23) held at Siliguri Institute of Technology (SIT) was an exhilarating showcase of innovation, problem-solving, and technological prowess. The event aimed to provide a platform for our talented students to hone their skills, tackle real-world challenges, and prepare for the national-level SIH23 competition. With a strong emphasis on creativity and collaboration, the hackathon encouraged teams to develop innovative solutions aligned with the chosen problem statements.

**ABOUT THE PROBLEM STATEMENTS:**

For the internal hackathon, the following problem statements were selected, spanning diverse domains:

Team Number	Problem Statement (PS) Number	Select Theme / Domain Bucket	Category	Organization	Problem Statement Title
1	SIH1432	Smart Education	Software	Ministry of Education	Identify slow learners for remedial teaching and capacity building for innovative methods.
2	SIH1489	Transportation & Logistics	Software	AICTE, MIC-Student Innovation	Optimised Ambulance Resource Allocation (Student Innovation)
3	SIH1286	Miscellaneous	Software	Ministry of Law and Justice	Incentives based Design for onboarding Legal Service Providers such as Advocates, Arbitrators, Mediators, Notaries, Document Writers, etc on eMarket Place for extending Legal Services to Citizens in India
4	SIH1503	MedTech / BioTech / HealthTech	Hardware	Ministry of AYUSH	Automatic Drug Dispenser
5	SIH1383	MedTech / BioTech / HealthTech	Software	Govt of Himachal Pradesh	Optimizing Doctor Availability and Appointment Allocation in Hospitals through Digital Technology and AI Integration.
6	SIH1343	MedTech / BioTech / HealthTech	Software	Ministry of AYUSH	Identification of Different Medicinal Plants/Raw materials through Image Processing Using Machine Learning Algorithms
7	SIH1413	Transportation & Logistics	Software	Ministry of Communications	Dak Ghar Niryat Kendra
8	SIH1301	Smart Automation	Software	Ministry of power	Language translator tool to convert English to Hindi which can be used by all government-based websites officially.

9	SIH1493	Heritage & Culture	Software	AICTE, MIC-Student Innovation	Student Innovation
10	SIH1281	Smart Education	Software	Ministry of Law and Justice	Development of gamified platform on Children's Rights to increase legal literacy and awareness among children in India.
11	SIH1279	Miscellaneous	Software	Ministry of Law and Justice	Development of software for streamlining the listing of cases through Differentiated Case Flow Management
12	SIH1392	Smart Automation	Software	Ministry of Environment	E-Waste Facility Locator
13	SIH1486	Travel & Tourism	Software	AICTE, MIC-Student Innovation	Student Innovation
14	SIH1515	Smart Automation	Software	Ministry of Housing and Urban Affairs	Smart and Effective real-time Management of street parking
15	SIH1460	Smart Automation	Software	AICTE	Integration of AI for Adaptive Learning for MCQ Selection in PARAKH
16	SIH1357	Miscellaneous	Software	Ministry of Commerce and Industries	Sentiment analysis of Social Media presence
17	SIH1465	Miscellaneous	Software	AICTE	A unified portal for developing a model Curriculum for all the AICTE Approved Institutes.
18	SIH1340	Smart Education	Software	Ministry of AYUSH	Application for Assessment of Quality of Textbook/ Reference Books/ E- Book

## EVENT PHOTOS:



**PARTICIPATING TEAMS:**

Team Name	Position	Member Name
CHETANA TAKNIKI	Team Leader	ANIRBAN PAL
	Member 1	SENJUTI MAITRA
	Member 2	ABHAY GUPTA
	Member 3	AVAY KARKIDOLI
	Member 4	MOHAMMAD ARSHAAN
	Member 5	NITESH BHARDWAJ
SEGFAULT	Team Leader	SHANKHADEEP MANDAL
	Member 1	DEBASISH SARKAR
	Member 2	SOMDATTA NAG
	Member 3	SOUMI KARMAKAR
	Member 4	SOUMYAJIT SARKAR
	Member 5	SABARNA SARKAR
PACTCODERS	Team Leader	PRIYANSHU KUMAR CHOUBEY
	Member 1	ABHISHEK RAJ
	Member 2	CHANDNI KUMARI
	Member 3	TANISHA MONDAL
	Member 4	PRIYANSHU CHOUDHARY
	Member 5	ALOK KUMAR
SMARTMEDIX	Team Leader	MEDHATITHI PAUL
	Member 1	PAROMITA DAS
	Member 2	PRANEET GUHA ROY
	Member 3	FARHAN KHAN
	Member 4	ISHANJIT NANDI
	Member 5	SWARNADEEP SAHA PODDAR
TECHNIZER	Team Leader	ARYAN ANAND
	Member 1	ANIKET KUMAR RAJ
	Member 2	DEBANGKITA DUTTA
	Member 3	GOURAB DEBNATH
	Member 4	MD OSHI AKHTAR
	Member 5	SAIKAT BHATTACHARJEE
ALKA	Team Leader	SUBHOJIT MANDAL
	Member 1	MADHURYA NAHA
	Member 2	AISHEE BHATTACHARJEE
	Member 3	SUBHAJIT BASAK

	Member 4	DEBASMITA DEBNATH
	Member 5	RITOBROTO MUKHERJEE
DNK EXPORTEASE	Team Leader	ANANYA SENGUPTA
	Member 1	DHIRAJ AGARWAL
	Member 2	PUSHAN KARMAKAR
	Member 3	MANDIR DAS
	Member 4	ADITYA SINGH
	Member 5	NISHANT SHARMA
CIRQVERSE	Team Leader	HRISHAB BISWAS
	Member 1	ANIRUDDHA GORAI
	Member 2	HARSHITA DAS
	Member 3	DOROTHY DAS
	Member 4	SWATI PANDEY
	Member 5	SONALI DEBNATH
TECK TROOPERS	Team Leader	PRASHANT SAHU
	Member 1	DEBTANU DEY
	Member 2	SAHIL BHAGAT
	Member 3	KHUSI GUPTA
	Member 4	RAHUL SHARMA
	Member 5	PINKEY PRASAD
ZEBRACROSSING	Team Leader	SAYANTANI SARKAR
	Member 1	MAINAK SARKAR
	Member 2	ARITRA SAHA
	Member 3	SANJOY DEY
	Member 4	SUBHADEEP KUNDU
	Member 5	SWARNA SHIKHAR DAS
SOARING FLAMES	Team Leader	SNEHA GUHA NEOGI
	Member 1	ANANTA
	Member 2	ANANTH PRADHAN
	Member 3	DIPAK AGARWAL
	Member 4	HIMANSHU PRASAD SAHA
	Member 5	ROHIT KUMAR SHARMA
TECH TITANS	Team Leader	DIGANTA DAS
	Member 1	SUBARNA GHOSH
	Member 2	ANIK SAHA
	Member 3	SAHIL AKTAR
	Member 4	POULAMI SARKAR
	Member 5	PRITAM CHAKRABORTY

BYTE CODER	Team Leader	SHUBRAJIT DEY
	Member 1	ARKA SEN
	Member 2	ISHIKA GUPTA
	Member 3	NEEVA KUMARI
	Member 4	SHIVANI PRIYA
	Member 5	
AUTOCOMPILE	Team Leader	ISHITA CHOUDHURY
	Member 1	PRIYATOSH ROY
	Member 2	AKSHAT ANAND PRASAD
	Member 3	ADITYA GURUNG
	Member 4	AVIRAJ ROY
	Member 5	ABHINAY GIRI
QUANTUM WIZARDS	Team Leader	PRIYADARSHAN SARKAR
	Member 1	SHASANK PRASAD
	Member 2	RAAZ GHOSH
	Member 3	ARNAB CHAKRABORTY
	Member 4	GAURAV DUTTA
	Member 5	RISHIKA PURBEY
THE QUESTORS	Team Leader	ARUNANGSHU NAG
	Member 1	DRIPTA MAJUMDAR
	Member 2	ROUNAK PRAMANIK
	Member 3	ARPAN DEY
	Member 4	ANIRUDHA GUPTA
	Member 5	KAMALIKA SAHA
UNITY SIX	Team Leader	SHWETA BHAGAT
	Member 1	SOUMWADEEP GUHA
	Member 2	PRASUN ROY
	Member 3	PRITTHA DATTA
	Member 4	SUBHRANIL SARKAR
	Member 5	SWARUP DAS
CODEVEIN	Team Leader	SOURAV CHOWDHURY
	Member 1	DEBANGAN BANERJEE
	Member 2	SHNEHILL ADHIKARY
	Member 3	DEVNEEL ROY
	Member 4	PRIYADEEP SEN
	Member 5	PRIYADARSHINI SEN







### JUDGING PROCESS:

The judging process for the hackathon projects followed a comprehensive evaluation based on innovation, technical proficiency, impact, user experience, presentation, team collaboration, problem-solving, and overall impression. Our esteemed panel of judges rigorously assessed each project according to these criteria.

The Final Score, calculated out of 100, was determined based on the following criteria: Innovation & Creativity (20 Marks), Technical Proficiency (20 Marks), Impact & Relevance (15 Marks), User Experience (15 Marks), Team Collaboration (10 Marks), Problem Solving (10 Marks), Presentation & Communication (5 Marks), and Overall Impression (5 Marks).

The evaluation process was conducted in an offline, face-to-face mode in the presence of judges. Each team was allotted a total of 45 minutes to present their presentation and showcase their prototype or working model.

### JURY PANEL:



Jury Panel Number	Name of the Jury	Designation of Jury	Organization of Jury	Mobile No of Jury	Email ID of Jury
Panel 1	Dr. Mithun Chakraborty	Principal	Siliguri Institute of Technology	9903304792	principal@sittechno.org
	Dr. Arup Das	Assistant Professor & HoD EE	Siliguri Institute of Technology	9475673337	hod_ee@sittechno.org
Panel 2	Dr. Sirshendu Sekhar Ghosh	Assistant Professor & HoD IT	Siliguri Institute of Technology	9955529117	hod_csit@sittechno.org
	Prof. Anupam Mukherjee	Assistant Professor & HoD CSE	Siliguri Institute of Technology	9477175422	hod_csit@sittechno.org
Panel 3	Dr. Joydeep Dutta	Associate Professor	Siliguri Institute of Technology	9333541200	joy77deep@yahoo.co.in
	Prof. Mithun Roy	Assistant Professor	Siliguri Institute of Technology	9434678869	mathmithunroy@gmail.com

## NOMINATED TOP TEAMS:

### WINNER TEAM

Team Name	Position	Member Name
SOARING FLAMES	Team Leader	SNEHA GUHA NEOGI
	Member 1	ANANTA
	Member 2	ANANTH PRADHAN
	Member 3	DIPAK AGARWAL
	Member 4	HIMANSHU PRASAD SAHA
	Member 5	ROHIT KUMAR SHARMA

Problem Statement (PS) Number	Select Theme / Domain Bucket	Category	Organization	Problem Statement Title
SIH1279	Miscellaneous	Software	Ministry of Law and Justice	Development of software for streamlining the listing of cases through Differentiated Case Flow Management



### FIRST RUNNER UP TEAM

Team Name	Position	Member Name
UNITY SIX	Team Leader	SHWETA BHAGAT
	Member 1	SOUMWADEEP GUHA
	Member 2	PRASUN ROY
	Member 3	PRITTHA DATTA
	Member 4	SUBHRANIL SARKAR
	Member 5	SWARUP DAS

Problem Statement (PS) Number	Select Theme / Domain Bucket	Category	Organization	Problem Statement Title
SIH1465	Miscellaneous	Software	AICTE	A unified portal for developing a model Curriculum for all the AICTE Approved Institutes.



## SECOND RUNNER UP TEAM

Team Name	Position	Member Name
PACTCODERS	Team Leader	PRIYANSHU KUMAR CHOUBEY
	Member 1	ABHISHEK RAJ
	Member 2	CHANDNI KUMARI
	Member 3	TANISHA MONDAL
	Member 4	PRIYANSHU CHOUDHARY
	Member 5	ALOK KUMAR

Problem Statement (PS) Number	Select Theme / Domain Bucket	Category	Organization	Problem Statement Title
SIH1286	Miscellaneous	Software	Ministry of Law and Justice	Incentives based Design for onboarding Legal Service Providers such as Advocates, Arbitrators, Mediators, Notaries, Document Writers, etc on eMarket Place for extending Legal Services to Citizens in India



## Sample Certificate



## JUDGES INFORMATION:

Name of the Judge	Designation of Judge	Organization of Judge	Mobile No of Judge	Email ID of Judge
Dr. Mithun Chakraborty	Principal	Siliguri Institute of Technology	+91 99033 04792	principal@sittechno.org
Dr. Joydeep Dutta	Associate Professor	Siliguri Institute of Technology	+91 93335 41200	joy77deep@yahoo.co.in
Dr. Sirshendu Sekhar Ghosh	Assistant Professor & HoD	Siliguri Institute of Technology	+91 99555 29117	hod_csit@sittechno.org
Dr. Arup Das	Assistant Professor & HoD	Siliguri Institute of Technology	+91 94756 73337	hod_ee@sittechno.org
Prof. Anupam Mukherjee	Assistant Professor & HoD CSE	Siliguri Institute of Technology	+91 94771 75422	hod_csit@sittechno.org
Prof. Mithun Roy	Assistant Professor	Siliguri Institute of Technology	+91 94346 78869	mathmithunroy@gmail.com



**PARTICIPATION STATISTICS:**

Total Number of Teams: 18  
Total Number of Students: 107

**Gender-wise Participation:**

Male: 78  
Female: 29

**SOCIAL MEDIA LINKS:****Facebook:**

<https://www.facebook.com/100063928388290/posts/pfbid02veqhZfm94Mos5BUzWieBPkQYCS6QZCM5s2CeYYrVdRPxv682w17pSMrde2xanERhl/?app=fbl>

**LinkedIn:**

<https://www.linkedin.com/feed/update/urn:li:activity:7112414558882791424>

**REPORT SUBMITTED BY:**

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