



Report

On

KGR Internal Smart India Hackathon

Conducted on

25th & 26th September, 2023

Organized by

Institution's Innovation Council

Submitted by

Mr. Srinivas D,

Member -CIST


SPOC


IIC – President


Principal

Objectives:

- Promote innovation to come up with creative solutions to real-world problems using technology.
- Provide a platform for students and professionals to enhance their technical and problem-solving skills.
- Address real-life challenges identified by government departments, industries, and society as a whole through innovative technological solutions.

Outcomes:

- The Hackathon may produce innovative technological solutions to real-world problems that were presented as challenges. These solutions can have a positive impact on various industries and sectors.
- Participants typically acquired new technical skills and problem-solving abilities through their participation, which can be valuable for their future careers.
- Solutions developed during the Hackathon may align with and support government initiatives, such as Digital India, by providing practical technology-based solutions.

SIH2023 Internal Hackathon Committee:

Head of the Institution: Dr. Y. Vijayalata, Principal, KG Reddy College of Engineering & Technology

Patron: Mr. Satya Illa, IIC President, KG Reddy College of Engineering & Technology

SPOC: Mrs. P. Samyuktha, Head – CIST, IIC Coordinator, KG Reddy College of Engineering & Technology

External Jury Members:

- Ms. Bharathi berry, Social entrepreneur, Founder – Ilahi model and finishing school
- Dr. Viswanadham Ravuri, Associate Professor at BVRITH Hyderabad College of Engineering for Women, Hyderabad
- Shaik Salman Ashraf, Associate dean innovation & entrepreneurship, GPCET
- Lavanya Gundelli, Associate NGO Partner, Founder – Be the change

ABOUT SMART INDIA HACKATHON:

SIH is the World's Biggest Hackathon and Open Innovation model, an initiative by Ministry of HRD. Smart India Hackathon 2023 is a nationwide initiative to provide students a platform to solve some of the pressing problems we face in our daily lives. Students across India compete creatively to solve problems of Ministries, Departments and Industries to give solutions. Harness. Talented youngsters from all over the country offer out-of-the-box solutions to problems. To inculcate a culture of product innovation and a mindset of problem solving. For nominating the finalized 60 teams, organized by Institution's Innovation Council, KG Reddy College of Engineering & Technology conducted Internal Hackathon on 26-09-2023.



48 HOURS

INTERNAL SMART INDIA HACKATHON



MS BHARATHI BERRI

Social Entrepreneur,
Founder - Ilahe Modeling
and Finishing School



**DR VISWANADHAH
RAYURI**

Assistive Technology
Expert, Associate
Professor, BVRIIT
HYDERABAD



**SHAIK SALMAN
ASHARAF**

Associate Dean
Innovation &
Entrepreneurship
GPGET



MS LAVANYA GUDELLI

Associate - NGO Partners
Founder - Be the Change

SPOC : MRS. P. SAMYUKTHA HEAD-CIST

PATRON : MR. SATHYA ILLA

HOI : DR. Y. VIJAYALATA

Organised by : Institution's Innovation Council

25TH & 26TH SEPTEMBER 2023

VENUE : SEMINAR HALL

Problem statement Organization type:

- State Ministry
 - Central Ministry
- Industry Personal

Problem Statement Themes:

- Smart automation
- Fitness & sports
- Heritage & culture
- Agriculture, foodtech & rural development
- Smart vehicles
- Transportation & logistics
- Robotics and drones
- Clean & green technology
- Renewable/ sustainable energy
- Block chain & cyber security
- Smart education
- Disaster management
- Miscellaneous

Internal Hackathon:

An internal Hackathon is a structured event in which students of a organization come together to collaborate on innovative projects, solve problems, or develop new products or solutions within a limited time frame. The term "Hackathon" is derived from "hack" (creative problem-solving) and "marathon" (an extended effort), emphasizing the intensive and time-bound nature of these events.

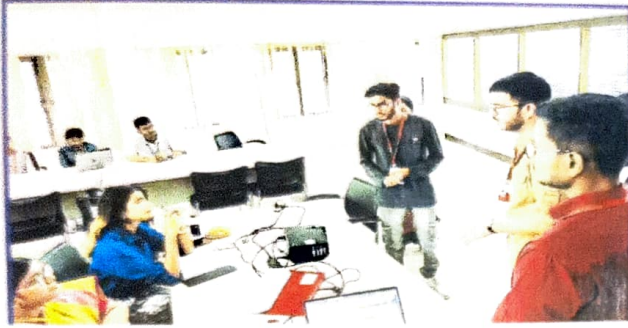
This Hackathon was conducted by the Institution's innovation council , KG Reddy College of Engineering & Technology to encourage the students and drive the spirit of Competitive Programming among other Computer enthusiasts and also hardware. The inaugural has been started on day – 1 in seminar hall and address speech is given by the patron Mr. Satya illa and later the program schedule has been explained by SPOC Mrs. P. Samyuktha. All the students were given 2 days on day one given time to the students to develop the ideation and methodology. Total 60 teams were registered for the Hackathon and the 60 teams under different themes. All the themes divided in to four categories in each category there almost 15 teams.

On day 2 to all the 60 teams were divided in to four categories then all the four categories teams presented their idea for selected problem statement in software and hardware categories combined all the themes in to four main All the divided four theme presentations were run in parallel session on four different rooms. All these presentations were evaluated by external jury members who very eminent personalities from various departments. The 4 jury members listen the students presentation for each category and evaluated all the teams' works.

Later on valedictory session has conducted in Seminar hall. The valedictory session started with Mrs. T. Sandhya by welcoming the members on to the stage along with external jury members. All the jury members appreciated the students work and given their critical feedback to the students. Later SIH report has explained by Patron Mr. Satya illa. Later Principal Dr. Y. Vijayalata, address the students and appreciated their works. The program was concluded by SPOC of SIH, Mrs. P. Samyuktha by giving vote of thanks. Finally the SIH – 2023 ended with group photo with all participants and jury members.

Scheduled date: 25th & 26th September 2023

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Timestamp	Name of the Team	Name of the Team Leader	Department	Year	Names of the team members	Contact number of Team	Email of the Team Leader	Select Category	Selected Problem Statement	Theme of the Problem Statement	Upload PPT	Faculty Mentor Name	
9/24/2023 16:35:08	ABCD	Sam	CSE	III Year	Sam	76432	cist@kgr.ac.in	SIH Problem Statement	Addghk	Robotics and Drones	https://drive.google.com/open?id=1x2A1zrA6EL3baHBDGjC0QJelDj8u_eEldiON8G-w		
9/25/2023 9:56:41	Spring Boots	Subramani Mokkal	CSD	III Year	Manogna Penta, G Neha	8309944735	subramanimokkala@gmail.com	Student Innovation	Weed Removal Machine	Student Innovation	https://drive.google.com/	Lingam Sir, Samyuktha Mam	
9/25/2023 10:04:47	Team Vaarahi	Mallaram Deekshitha	CSE	III Year	Vully Akhila, Manish Varsh	8143615312	mdeekshitha433@gmail.com	Student Innovation	The lack of assistance in	Student Innovation		Samyuktha Penta	
9/25/2023 10:09:23	PowerSavers	P.Surya Teja	ECE	III Year	V. Likitha, G.Preetham, M	630583540	teja72937@gmail.com	SIH Problem Statement	Automated Public Lighting	Smart automation		Mr.Vijaya Bhasker Reddy	
9/25/2023 10:27:10	PLNT	Pruthvi sidhardha	CSE	III Year	Karthik, Krishna, jasnavi, n	+91 72071 45778	pruthvisidhardha@gmail.com	Student Innovation	The removal of weeds is c	In the event that it is not h	Student Innovation		Samuthya Penta
9/25/2023 10:27:52	ICONS	Hayagreeva Kolluru	CSE	III Year	Suprja, Deepika, Arun, K	7249466683	kolluruhayagreeva@kgr.ac.in	SIH Problem Statement	AI-based Generative desi	Renewable and sustainable energy		Samyuktha Mam	
9/25/2023 10:29:31	Megham	S.Harshabindu	CSE	III Year	N.Lokes, Anish, pramo	6306458443	navanekumar5085@gmail.com	SIH Problem Statement	Cloud burst prediction syt	Disaster Management	https://drive.google.com/	M.Manasa	
9/25/2023 10:31:36	Change makers	Shaik Abbas	MECH	III Year	Shaik Abbas, v mahesh, p	9885689525	abbashaik98701@gmail.com	SIH Problem Statement	'Centralized Monitoring S	Smart automation		No	
9/25/2023 10:35:06	KGR conquerors	L. SRAVANTHI	CSE	III Year	G.Chadhu Nitesh,D.megh	6300316990	lekkalasaravanthi786@gmail.com	Student Innovation	Development of small sca	Renewable and sustainable energy		No	
9/25/2023 10:48:57	PROJECT-P	Mohammed Athif Khan	ECE	III Year	Athif khan, ashok yadav, v	6304332133	kingkhan960300@gmail.com	Student Innovation	Enhancing Elderly Welfar	Biometric Verification	Student Innovation	https://drive.google.com/	Siada
9/25/2023 10:49:13	Team Tech Phantoms	Anu Ramisetty	CSM	III Year	Abhishakh , Divya , akhili	9963386320	ramisettyanu2124@gmail.com	SIH Problem Statement	Cognitive Retraining Hom	Smart Education	https://drive.google.com/	Dr. Maitthili	
9/25/2023 10:49:26	IGNITE	G.Naveen kumar	CSM	III Year	K.Chandou goud,k.Aswini	9502108728	navanekumar5085@gmail.com	SIH Problem Statement	Students to use Autodesk	Robotics and Drones		Dr. Maitthili	
9/25/2023 10:50:24	Immortals	Ragipani Shruthi	ECE	III Year	R.Shruthi ,S.Victoria , Rar	9949507578, 955371968	shruthiragipani15@gmail.com	SIH Problem Statement	Device for Borewell Resc	Disaster Management		Dr.Vandana	
9/25/2023 10:51:27	Tech Nerds	Vundiyala Sowjanya	ECE	III Year	A.Nithesha, B. Sai Bhavi	8919034484	v.sowjanya369@gmail.com	SIH Problem Statement	Lowest Cost Smart Board	Smart Education		Dr D. Chandra Prakash	
		V. OM PRAKASH	CSD	III Year	K. UMA DEVI, M.MANITH	6305304978	omprakash16003@gmail.com	SIH Problem Statement	Use of Digital Technology	Clean and Green Technology		P.SAMYUTHA	
									After harvesting the crop,				
9/25/2023 10:52:41	Ecocrop	M.Mohana Krishnaveni	CSE	III Year	A.Swathi, B.Jyothi, B.Vais	9010616697	mohana4728@gmail.com	Student Innovation		Student Innovation		P.Samyutha	
9/25/2023 10:53:35	PLNT	Pruthvi sidhardha	CSE	III Year	Karthik,krishna,jasnavi,ha	+91 72071 45778	pruthvisidhardha@gmail.com	Student Innovation	The removal of weeds is c	In the event that it is not h	Student Innovation		Samyuktha penta
9/25/2023 10:53:37	Vehicle towing	Ch Mahesh	ECE	III Year	N.Kaveri,M.Shruthi,K.Cha	7981488302	maheshchittimala079@gmail.com	Student Innovation	Vehicle Tow Detection	Student Innovation		Vijaya Bhaskar Reddy	
9/25/2023 10:55:36	IMMORTALS	RAGIPANI SHRUTHI	ECE	III Year	SHRUTHI, VICTORIA, R,	6300671583	shruthiragipani15@gmail.com	SIH Problem Statement	DEVICE FOR BOREWEL	Disaster Management		Dr. Vandhana	
9/25/2023 10:56:17	Immortals	Ragipani shruthi	ECE	II Year	SIH R.Shruthi - 21QM1A	6300671583	shruthiragipani15@gmail.com	SIH Problem Statement	Device for borewell rescu	Disaster Management		Dr. Vandana	
9/25/2023 10:56:40	GENESIS	Mohammed Afraz Ahmed	CSE	II Year	M.Sandeep,Mohd Samad	8179784242	afraz29285@gmail.com	SIH Problem Statement	SIH1376	Robotics and Drones		Pavan	
9/25/2023 10:56:50	Change makers	Abbas	MECH	III Year	R.Naresh,P.deekshith,sha	9885689525	abbashaik98701@gmail.com	SIH Problem Statement	'Centralized Monitoring S	Smart automation		No	
9/25/2023 10:57:10	IMMORTALS	RAGIPANI SHRUTHI	ECE	III Year	R.Shruthi - 21QM1A045	6300671583	shruthiragipani15@gmail.com	SIH Problem Statement	Device for borewell rescu	Disaster Management		Dr. Vandana	
9/25/2023 10:58:58	Overnight Sensations	R PAVANSAI	CSD	II Year	WAGMARE SANJANA, P	7386627447	pavansa187654321@gmail.com	SIH Problem Statement	Developing a software th	Smart Education	https://drive.google.com/	Ramakrishna sir	
9/25/2023 10:59:03	Hackathon Hustlers	Mosaria Bhavitha	CSE	III Year	Saniya Fatima, V.Harini, F	9581926367	mosariabhavithareddy@gmail.com	SIH Problem Statement	Student dropout analysis	Smart Education		Dr. Siva Shankar Subramanian	
9/25/2023 10:59:12	Change makers	Shaik Abbas	MECH	III Year	Shaik Abbas	9885689525	abbashaik98701@gmail.com	SIH Problem Statement	'Centralized Monitoring S	Smart automation		No	
9/25/2023 10:59:16	Team SS	Sri Sai kumar	ECE	III Year	Sri Sai kumar ,Dhanush	9392689383	srisaikumar7868@gmail.com	SIH Problem Statement	'Centralized Monitoring S	Smart automation		Laxmi Bhavani	
9/25/2023 10:59:36	SMART CREW	VADLAPUDI . OM PRAKASH	CSD	III Year	M.MANITH,K.UMA DEVI,I	6305304978	omprakash16003@gmail.com	SIH Problem Statement	Use of Digital Technology	Clean and Green Technology		P.SAMYUKTHA	
9/25/2023 11:00:24	VehiTech Trackers	Pooja Kiran Belavi	ECE	III Year	Rasabatlata Swaroopa, M	7730950173	pbelavi17@gmail.com	SIH Problem Statement	Real-Time Vehicle Tracki	Smart Vehicles		Mr. Vijaya Bhaskar Reddy	
9/25/2023 11:01:26	IMMORTALS	RAGIPANI SHRUTHI	ECE	III Year	SIH R.Shruthi - 21QM1A	8555813386	shruthiragipani15@gmail.com	SIH Problem Statement	DEVICE FOR BOREWEL	Disaster Management		Dr.Vandana	
9/25/2023 11:01:37	AVENGER	M.TANUJ	CSM	IV Year	G.VIVEK, ARSHIYA BEGI	9100363859	manikyalat@gmail.com	Student Innovation	Student Innovation	Student Innovation	https://drive.google.com/	Dr.K.Maitthili	
9/25/2023 11:01:41	Change makers	Sk. Abbas	MECH	III Year	Abbas, naresh, mahesh, s	9885689525	abbashaik98701@gmail.com	SIH Problem Statement	'Centralized Monitoring S	Smart automation		No	
9/25/2023 11:02:26	Immortals	R. shruthi	ECE	III Year	R.Shruthi - 21QM1A045	6300671583	shruthiragipani15@gmail.com	SIH Problem Statement	Device for borewell rescu	Disaster Management		Dr.vandhana	
9/25/2023 11:02:29	TechHumanity	Reena Rai	CSD	II Year	P.Rajith, Reena , Pooja, N	9398950535	reenarai0462@gmail.com	SIH Problem Statement	Mental health and well-be	Smart Education	https://drive.google.com/	Govardhan logabiraman	
9/25/2023 11:03:08	BOTS	P.Dhanunjay	CSM	III Year	Anusha, Praveen, Gowth	6304215951	dhanu7039@gmail.com	SIH Problem Statement	AI-Powered Legal Docum	Miscellaneous		Mithali mam	
9/25/2023 11:03:58	TEAM IDEATORS	Akula Lokeshyadav	ECE	III Year	Lokeshyadav, Siddharth	8008606758	akulalokeshyadav786@gmail.com	SIH Problem Statement	Incentives based Design	Miscellaneous	https://drive.google.com/	G Lakshmi bhavani	
9/25/2023 11:10:32	Laksha	Varisitha reddy	CSE	III Year	Jahnavi, varisitha, charish	6302218819	jahnavivanehari@gmail.com	SIH Problem Statement	Health tech	Health Tech	https://drive.google.com/	Tuti sandhya	
9/25/2023 11:14:17	Fashion Fusion	Praveen Vardhan	CSM	IV Year	Bhargav, Hymavathi, Vard	9912426309	praveenkoppisetty2003@gmail.com	Student Innovation	Development of an Advan	Heritage and Culture	https://drive.google.com/	Naveen Raja	
9/25/2023 11:15:50	Change makers	Shaik Abbas	MECH	III Year	P. Deekshith, p. Madhavi,	9885689525	abbashaik98701@gmail.com	SIH Problem Statement	'Centralized Monitoring S	Smart automation		No	
9/25/2023 11:16:03	Change Makers	Appala Rakesh Goud	MECH	III Year	Kasula yugendhar	7337238466	rakeshgoudappala1234@gmail.com	Student Innovation	Transportation	Smart Vehicles		Anil	
									Exploring The	World of EV Charging			
9/25/2023 11:20:47	Eco Oasis	K Durgashivaram	MECH	III Year	A. Venkatramana M.Ven,	8374804730	shivaramkilar123456@gmail.com	Student Innovation	Transportation and Logist	Stations	https://drive.google.com/	P.Samyuktha	
9/25/2023 11:22:08	Keerthika team	Ch.Keerthika	ECE	III Year	Ch.Keerthika, S.Harshava	9182445282	keerthikachetpally2004@gmail.com	Student Innovation	Smart bin segregation an	Clean and Green Technology		A Kalpana	
9/25/2023 11:22:43	PRO - LOCK	G. YUVRAJ SINGH	CSM	IV Year	MAULIK THUMMAR, BU	8074264131	yuvrajasingh1841@gmail.com	Student Innovation	PSCode - : 1476 , Problem	Student Innovation	https://drive.google.com/	DR. K. MAITHILI ,NAVEEN RAJA	
9/25/2023 11:23:07	SIH Voyagers	M. Keerthi	CSE	III Year	Vishnu, Avinash, Satya pr	6305482026	vr612998@gmail.com	SIH Problem Statement	Real-time visibility of Durr	Smart automation		Sures P. Sandhya	
9/25/2023 11:25:28	GUARDIAN ANGELS	KAVYASHRENI DHULIP	CSD	III Year	ABHISHA DARAVENI, KJ	8459451585	dkavyashreni@gmail.com	Student Innovation	WOMEN SAFETY DEVIC	Smart automation		Mr. P. Samyuktha	
9/25/2023 11:26:51	MECH-DHADAS	Abhinay	MECH	III Year	1.Hema, 2.Dharma Teja, 80964	79452	cabhinay869@gmail.com	SIH Problem Statement	Despite prohibition of haz	Smart automation		Anil	
9/25/2023 11:27:19	MECH-DHADAS	Abhinay	MECH	III Year	Akhil,Hema,Dharmateja,e	8096479452	cabhinay869@gmail.com	SIH Problem Statement	Despite prohibition of haz	Smart automation		K anil	
9/25/2023 11:27:20	MECH-DHADAS	C Abhinay	MECH	III Year	Dharma teja, hema, Abhir	8096479452	cabhinay869@gmail.com	SIH Problem Statement	Despite prohibition of haz	Smart automation		Anil, K	
9/25/2023 11:27:21	MECH-DHADAS	ABHINAY	MECH	III Year	ABHINAY, Dharma, Akhil,	8096479452	cabhinay869@gmail.com	SIH Problem Statement	Despite prohibition of haz	Smart automation		K Anil	
9/25/2023 11:28:36	MECH-DHADAS	C Abhinay	MECH	III Year	David, Abhinay, hema, Dh	8096479452	cabhinay869@gmail.com	SIH Problem Statement	Despite prohibition of haz	Smart automation		K Anil	
9/25/2023 11:29:03	MECH-DHADAS	C Abhinay	MECH	III Year	C Abhinay , A Hema , Dha	8096479452	cabhinay869@gmail.com	SIH Problem Statement	Despite prohibition of haz	Smart automation		Anil sir	
9/25/2023 11:29:04	AMONG US	Tanzeem Mallick	CSM	IV Year	Tanzeem mallick,Akella S	9162534878	tanzeemmallick26@gmail.com	SIH Problem Statement	Chatbot to response to te	Agriculture, food tech and	https://drive.google.com/	NAVEEN RAJA	
9/25/2023 11:33:26	Tech army	V.Shalini	CSM	III Year	V.Shalini	9392672028	shalinigupta2040@gmail.com	SIH Problem Statement	Sentiment analysis of soc	Smart Education		Maitthili mam	
9/25/2023 11:40:49	The Brainy Bunch	Akshitha	CSM	III Year	Niharika, anjaneyulu, sai i	8978612029	Gopalaakshitha255@gmail.com	SIH Problem Statement	Optimizing doctor availab	Health Tech		Maitthili	
9/25/2023 11:45:19	Tech_007	Shanthi	CSM	III Year	Pratheek , Venkat , Prem	9960072189	siddinenishanthi2003@gmail.com	SIH Problem Statement	Automated Public Lighti	Smart automation		Maitthili	
9/25/2023 12:05:14	keerthana and team	N.keerthana	CSD	II Year	M.vaishnaai,Manojkumar,	7337493690	keerthana2505n@gmail.com	SIH Problem Statement	:mental health and well-b	Smart Education	https://drive.google.com/	-	
9/25/2023 12:17:46	MarketWzSavers	Farhan Bin Mujeeb	CSE	III Year	Mohd Saifur Rahman, To	7569769979	farubinnmujeeb@gmail.com	SIH Problem Statement	Price comparison of GeM	Smart automation	https://drive.google.com/	S.Tripathi	
9/25/2023 12:20:31	Srishahti	Tadiboina charishma	CSE	III Year	Pandiyam keerthana red	9390460768	charishmat02@gmail.com	SIH Problem Statement	Technological solution fo	Health Tech	https://drive.google.com/	Tuti Sandhya	
9/25/2023 13:33:10	HACKART	R.Nishanth	CSM	III Year	Mohammed Asfaq, Sk M	6302092732	nishanth0962333@gmail.com	SIH Problem Statement	App- Based Solution to Id	Agriculture, food tech and	https://drive.google.com/	Dr.Sowjanya Madam	
9/25/2023 13:41:53	CHANGEMAKERS	B.Vignesh	CSE	II Year	Sravani , LIKITHA , Chan	8897488431	bhaktulavignesh@gmail.com	Student Innovation	Offline app to browse me	Smart Education, Innovation	https://drive.google.com/	Vaishnavi	
9/25/2023 13:56:44	Brain Over Brown	B. Vittal Mani	CSE	IV Year	M.Harshitha, K.Bhanu pr	9133181003	vittalmani2003@gmail.com	SIH Problem Statement	SIH1349	Smart automation		Mrs M Manasa	
9/25/2023 13:57:43	Search Techies	Tahura Siddiqua	CSD	III Year	Sana Amreen, Adeb Arief	9381865218	siddiqua78651@gmail.com	Student Innovation	Meta Search Engine.	Block chain and Cyber Security		Lg Nayak	
9/25/2023 14:04:28	MarketWzSavers	Farhan Bin Mujeeb	CSE	III Year	Mohammed Mominuddin,	7569769979	farubinnmujeeb@gmail.com	SIH Problem Statement	Price comparison of GeM	Smart automation	https://drive.google.com/	S.Tripathi	