



SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR, KERALA - 670307



Promoted by Sree Bhakthi Samvardhini Yogam, Kannur
Affiliated to APJ Abdul Kalam Technological University & Approved by AICTE

Passionate about
Innovations &
Technology ??



Connect with

SMART INDIA HACKATHON SNGCET 2023

Organized by
Department of Electronics & Communication Engineering
in association with Innovation, Entrepreneurship and R&D Centre



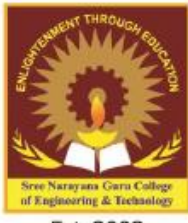
6/10/2023, 10 AM
7/10/2023, 1.00 PM

Scan for
Registration



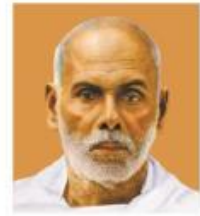
Leena
Dr. LEENA A. V.
PRINCIPAL

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Sree Narayana Guru College of Engineering & Technology

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



SMART INDIA HACKTHON

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

SCHEDULE

06/10/2023- PRESENTATION

Sl. no	Team	Schedule
1	Thejasree T.K and team	10-10.30 am
2	Mahima P.K and Team	10.30-11.00 am
3	Neeraj Ravi and Team	11.00-11.30 am
4	Abhiram Sunil and Team	11.30-12.00 am
5	Anudeep K and Team	12.00-12.30 pm
6	Jishnu and Team	12.30-1.00 pm

07/10

/2023- TOPIC DISCUSSION

Sl. no	TEAM	Schedule
1	S1 (ALL BRANCHES)	1:00 PM


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& TECHNOLOGY**

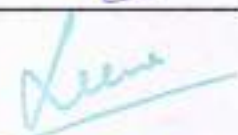
EVENT PROPOSAL FORM

Submitted by the department of Electronics and Communication Engineering
TO BE FILLED BY THE EVENT COORDINATOR(S)

1	Event type	Hackathon
2	Event name	SMART INDIA HACKATHON SNGCET 2023
3	Whether the event is inter departmental? If yes, mention the other department(s) associated with	Yes ECE,CSE,EEE,ME and CE
4	Mode of conduct [online / offline]	offline
5	Date and time	06/10/2023 ,10.00AM to 12 PM 7/10/2023, 1.00 PM to 4 PM
6	Venue	ECE Seminar Hall
7	Whether any professional body is associated with the event? If yes, name the body	No
8	Participants / Target Audience	150
9	Whether the event is conducted for bridging the gap in syllabus? If Yes, name the course with code and the semester and year it the subject is handled	NA
10	Objectives of the event	Promote innovation, institutionalize a model, creativity and technical expertise
11	Expected Outcomes	Innovative Solutions Recognition and Visibility Innovation Movement Opportunity in the country
12	Connected PO / PSO	Problem analysis (PO2) Design/development of solutions (PO3): Modern tool usage (PO5) The engineer and society (PO6) Individual and team work (PO9): Communication (PO10):

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13	Justification for PO / PSO [may use separate sheet if necessary]	<p>PO2: Problem Analysis - Identify and analyze complex engineering problems for effective solution formulation.</p> <p>PO3: Design/Development - Design innovative solutions meeting specified needs with consideration for societal and environmental factors.</p> <p>PO5: Modern Tool Usage - Utilize modern engineering and IT tools to enhance solution development efficiency.</p> <p>PO6: Engineer and Society - Consider societal, health, safety, legal, and cultural factors for solutions positively impacting society.</p> <p>PO9: Teamwork - Collaborate effectively within teams and assume leadership roles when necessary for success.</p> <p>PO10: Communication - Effectively communicate solutions to judges and stakeholders through reports, presentations, and instructions.</p>
14	Name of the resource person(s)	NA
15	Designation of the resource person (may attach separate sheet to indicate the profile)	NA
16	Resource requirements	Projector
17	Any fund from external source will be received? If yes, mention it.	No
18	Whether budget for the event is attached? (use separate sheet to indicate the estimated budget)	No
19	Any other relevant information	Nil
20	Name of the event coordinator(s)	Dr. Raji Sukumar , Ms. Leena Narayanan, Ms. Soshya V C
21	Dated signature of the coordinator(s)	


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1	Comments about the conduct of the event	<i>Event was successful and many ideas were presented.</i>
2	Comments about the resource person and impact of the event	
3	Name	LEENA NARAYANAN
4	Dated Signature	<i>Leena</i> 9/10/23

COMMENTS FROM PRINCIPAL

DATED SIGNATURE OF THE PRINCIPAL

Leena
9/10/23
Dr. LEENA A. V.
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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Report on the Smart India Hackathon SNGCET 2023 held on 6th and 7th October, 2023 organized by the Department of Electronics and Communication Engineering in association with Innovation, Entrepreneurship and R&D Centre, SNGCET, Payyanur.

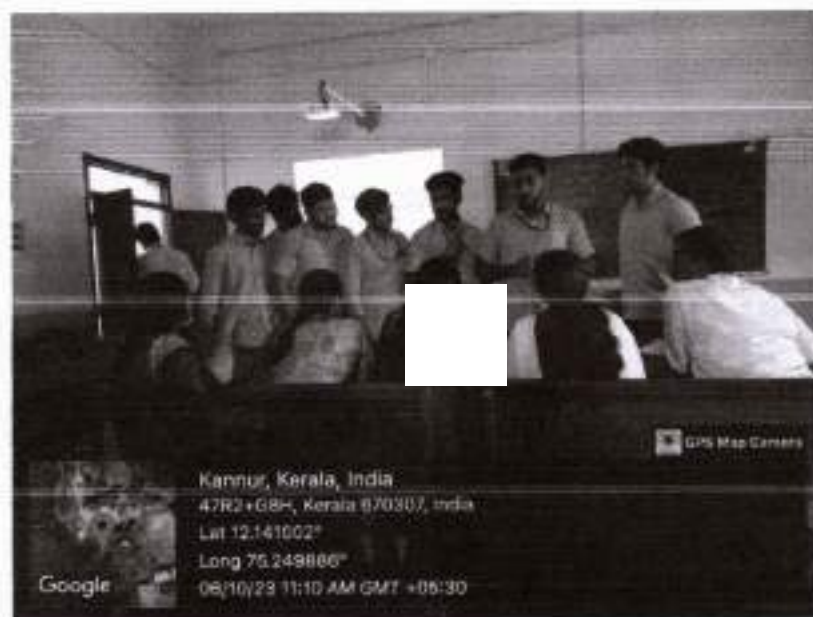
The Department Of Electronics and Communication Engineering, SGCET, Payyanur organized "Smart India Hackathon SNGCET 2023", in association with Innovation, Entrepreneurship and R&D Centre, SNGCET, under the guidance of Dr. Raji Sukumar , Associate Professor, CSE. This was an internal selection procedure which was conducted on 6th and 7th October, 2023 for submitting new innovative ideas. Smart India Hackathon 2023 is an initiative by the Ministry of Education that offers an incredible opportunity to make a significant impact on our nation. Smart India Hackathon (SIH) is a flagship event that brings together the brightest minds from across the country to address real-world challenges through innovation and technology. This is a nationwide endeavor, dedicated to nurturing innovation, problem-solving, and fostering a culture of excellence.

The welcome address was delivered by Ms. Meera M, Assistant Professor, ECE Department. The judging panel included Prof. Jacob Thomas, HOD,ME ,Ms. Leena Narayanan, HOD,ECE, Ms. Saritha Sasindran, Assistant Professor, CE, Ms. Veena K Assistant Professor, CSE and Ms. Aswathi Ravindran. Ms. Soshya V C , Assistant Professor of ECE proposed the vote of thanks.

There were 20 teams of six members each from all departments who presented their innovative ideas (50 ideas) as solutions to problem statements specified in SIH Website in various areas and domains. The ideas were evaluated and selected by the judges and suggestions were given by them to improve the ideas and also to add more details as per the requirements of the problem statement. Students were also made to discuss the problem statements and put forward ideas. Students were

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given instructions to prepare presentation slides for uploading in the main website for registering for Smart India Hackathon 2023.

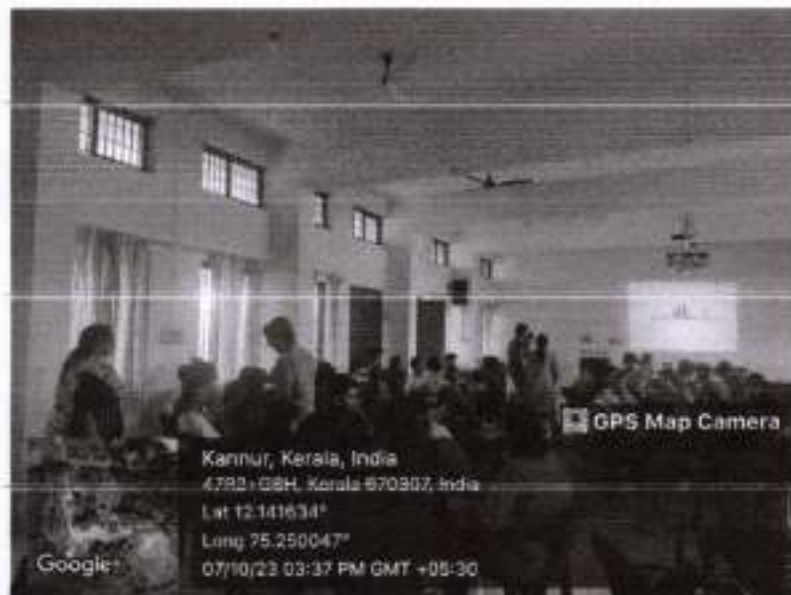


Idea presentation by students

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Group activity to discuss the solution ;idea
 presengtation of each group



Idea presentation by students

This program which was conducted in SNGCET was a great success and marked as a significant milestone, motivating the students to attend more competitions at the National level and bring out their technical talents.

Leena

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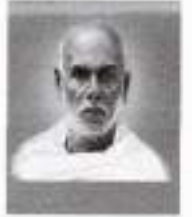
SMART INDIA HACKTHON 2023 PARTICIPANTS LIST

Sl. No.	Group No.	Name	Idea	Signature
1.		ANUDEEP K	AUTOMATED POWER INTERRUPTION DETECTING SYSTEM	
2.		ADARSH K V		
3.		ABHINAV K		
4.		ABHINAV K		
5.		VISHAL V V		
6.		ASWATHI A V		
7.		KEERTHANA K		
8.		NANDANA M		
9.		ATHIRA K V		
			 Dr. LEENA A. V. PRINCIPAL SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY, PAYYANUR KANNUR	

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**SMART INDIA HACKTHON 2023
PARTICIPANTS LIST**

Sl. No.	Group No.	Name	Idea	Signature
1		Abinav sunil		
2		Sreyas Krishnan		
3		Samang . V		
4		Muhammed Thajudeen		
5		Arathi . T . V	Non - revenue water	
6		Abhisree Ashokan		
7		Aswathi . K . V		
8		Vyshak umeshan		
9		Athul pavithran		
10		Wagsha		
10		Vaishnav . K . P		
11		Abhinav dhanmanoj		

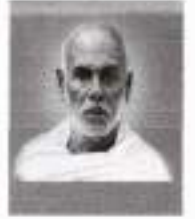
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**SMART INDIA HACKTHON 2023
PARTICIPANTS LIST**

Sl. No.	Group No.	Name	Idea	Signature
1	1	Thejasree T.K Fathuma Nasla M.V Deepna Sooraj Suresh Sanjay Haneena Sulthana	Heart rate monitoring System (IoT)	  
	2	Mahima .P Nandhana T Abhiram Gokul M.V Aryan Amrutha	Tours and Travels for Differentially Able	     
	3	Neesaj Ravi P.V Vishak .KR Jishnu .KR Muhammed . ADNAN EM	Law Advisory System 	

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POST EVENT ANALYSIS FORM

Submitted by the Department of Electronics and Communication
Engineering




I. TO BE FILLED BY THE EVENT COORDINATOR(S)

1	Event type conducted	Hackathon
2	Event name	SMART INDIA HACKATHON SNGCET 2023
3	Date and time of the event conducted	06/10/2023, 10 AM – 12.00 PM 07/10/2023, 1.00 PM – 4.00 PM
4	Venue	ECE Seminar Hall
5	Whether the event was inter departmental? If yes, mention the department(s) Associated with	Yes ECE, CSE, EEE, ME and CE
6	Mode of conduct [online \offline]	Offline
7	Is there any deviation from the proposal in the date, time and venue of the event? If yes, Mention the reason for change	No
8	Whether any professional body was associated with the event? If yes, name the body	No
9	Any funds received from the professional body? Indicate the amount	No
10	Participants/Target Audience	150
11	Whether the event is conducted for bridging the gap in syllabus? If Yes, name the course with code and the semester and year in which the subject is handled	No
12	Objectives of the event	<ul style="list-style-type: none">•Promoting Innovation: Encouraging creative solutions to organizational challenges.•Skill Development: Enhancing technical, problem-solving, and presentation skills.•Problem Solving: Finding practical solutions to

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		<p>specific organizational issues.</p> <ul style="list-style-type: none"> •Product Development: Kick-starting new product ideas or features for tech companies. •Entrepreneurship: Encouraging start-up ideas and an entrepreneurial spirit.
13	Expected Outcomes	Identify, analyze, and solve real-world problems through innovative and creative solutions.
15	Connected PO /PSO	<p>Problem analysis (PO2)</p> <p>Design/development of solutions (PO3)</p> <p>Modern tool usage (PO5)</p> <p>The engineer and society (PO6)</p> <p>Individual and team work (PO9)</p> <p>Communication (PO10)</p>
16	Justification for PO/PSO [may use separate sheet if necessary]	<p>PO2: Problem Analysis - Identify and analyze complex engineering problems for effective solution formulation.</p> <p>PO3: Design/Development - Design innovative solutions meeting specified needs with consideration for societal and environmental factors.</p> <p>PO5: Modern Tool Usage - Utilize modern engineering and IT tools to enhance solution development efficiency.</p> <p>PO6: Engineer and Society - Consider societal, health, safety, legal, and cultural factors for solutions positively impacting society.</p> <p>PO9: Teamwork - Collaborate effectively within teams and assume leadership roles when necessary for success.</p> <p>PO10: Communication - Effectively communicate solutions to judges and stakeholders through presentations and instructions</p>
17	Whether feedback forms from audience and resource person is collected?	Yes


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18	Whether analysis of feedback is done? Use separate sheet to indicate the same	Yes
19	Attainment level of outcomes	NA
20	Name of the resource person	Nil
21	Designation of the resource person(s)	NA
22	Any other relevant information	Nil
23	Name of the event coordinator(s)	Dr.Raji Sukumaran, Ms.Leena Narayanan Ms.Soshya V C
24	Dated signature of the coordinator(s)	  9/10/23 

II. TO BE FILLED BY THE DEPARTMENT HOD(any one of the HoD, in case if the event is jointly conducted by various department(s))

List of enclosures-To be maintained in the file

Sl No:	ITEM	AVAILABILITY[YES /NO]
1	Posters	Yes
2	Schedule of the event	Yes
3	Registration form sample copy	Yes
4	All registration forms duly filled and signed	Yes
5	Profile of the resource person(s)	No
6	Feedback forms filled by participants and resource person	Yes
7	Feedback analysis sheet	Yes
8	CO attainment calculation sheet	No
9	Study Materials(if any)	No
10	Letters or print outs of e-mail communication Relevant to the event	Yes
11	Documents related to professional body associated with the event	NA
12	Photographs of the event	Yes 

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II. TO BE FILLED BY THE DEPARTMENT HOD (any one of the HoD, in case if the event is jointly conducted by various department(s))

1	Comments on the relevance of the event	Event will encourage students to put forward new ideas and innovative methods
2	Recommendation [Put a tick ✓ on whichever is applicable]	Recommended/Not recommended
3	Name	LEENA NARAYANAN
4	Dated Signature	Le 5/10/23

COMMENTS FROM PRINCIPAL

Recommended to conduct the event -

APPROVED / NOT-APPROVED

Le 5/10/23

DATED SIGNATURE OF THE PRINCIPAL:

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12/1/23, 8:42 AM

SIH_FEEDBACK

SIH_FEEDBACK

24 responses

Publish analytics



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<https://docs.google.com/forms/d/1Ufb5JBR8Vm2A15JIVuQGBtGm52op2psp9DZ3Dz3Dpo/viewanalytics>

1/7

12/1/23, 8:42 AM

SH_FEEDBACK

Name

24 responses

Sreya.m

MRUDHUL KRISHNA N

Nandana P Nair

Sravan P

Sreyas krishnan

Fathima Nasla.M.V

Deepna c

Fadi Aslam

Anudeep K

Pranav. K. V

Muhammed Fahad mp

Sanjay Sudhakaran

Adith sathian pk

ASWANTH MC

Pranya p

MOHAMMED SHAMNAS .A

Arya. A

Svc

Vyshnav pk

Malavika.P



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12/1/23, 8:42 AM

SIH_FEEDBACK


AMAL KP

AKASH T

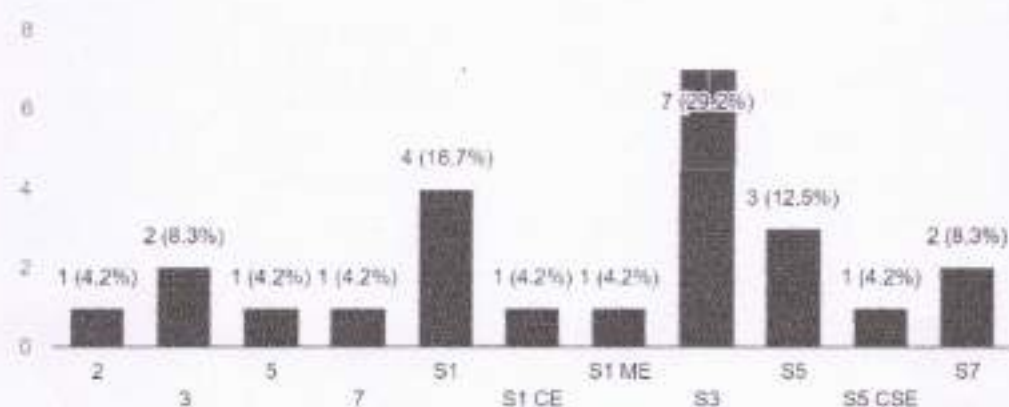
Adarsh K V

Niranjana, K. V


Semester

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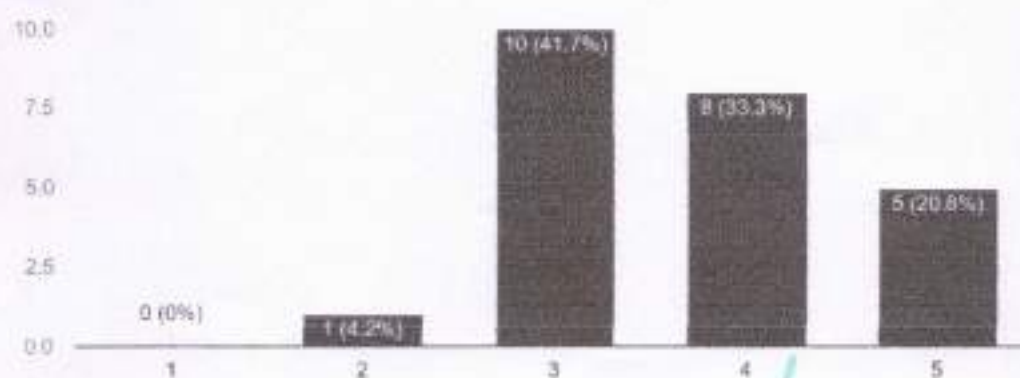
24 responses



How would you rate your overall experience at the Smart India Hackathon?

 Copy

24 responses




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12/1/23, 8:42 AM

SIH_FEEDBACK

What are your thoughts on the judging criteria and process?

14 responses

Good

Good

Very good

Very informative

Well

test

Nice

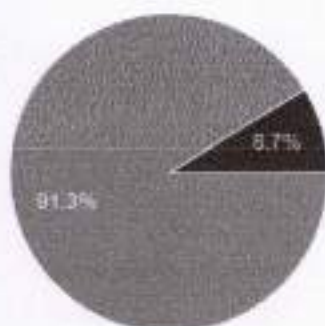
The certain limit of 500 for a single problem is low in case of a national level hackathon

Nice

Did the hackathon contribute to the development of specific technical or soft skills?

 Copy

23 responses



● Yes
● No




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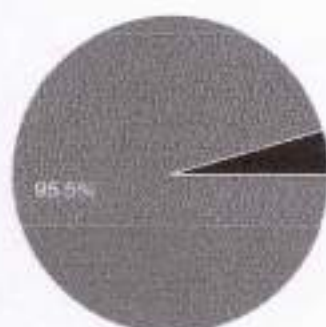
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SIH_FEEDBACK

Were the communication channels clear and effective before and during the event?

 Copy

22 responses



● Yes
● No

Were there any challenges in accessing necessary resources or assistance during the hackathon?


 Copy

23 responses



● Yes
● No

Did your team find the problem statements aligned with real-world issues and industry needs?

 Copy

20 responses



● Yes
● No


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12/1/23, 8:42 AM

SIH_FEEDBACK

Did you have any suggestions for the improvement of event?

15 responses

No

Improve time of event

Give us some more time and teach us more about it.

Its impressive

Ys improve

test

Improve time duration of event.

Push the limits.

Is there a post-hackathon support or follow-up that you would find beneficial?

 Copy

22 responses

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6/7