



Report of Internal Hackathon

K.E. College

An Internal Hackathon was conducted on 21-03-2022 in which few problem statements were given. The venue was physics lab and the time duration was 3 hours.

11 Teams from different departments of the college have participated in this hackathon and Students came up with many ideas. The team details are given below.

There were broad problem statements which were related to geriatrics, waste management, health, Saving Energy, Renewable energy sources, Transport or logistics etc.

The Jury members were Dr. Dhannya Joseph, Assisnant Professor, Department of Statistics, Ms. Divya Joseph, Assisnant Professor, Department of Commerce, Dr. Mercy Mathews, Assisnant Professor, Department of Physics of K.ECollege itself.10Teams were shortlisted for Smart India Hackathon(SIH) and one team is added in the waiting list.

The photos of the hackathon are given below.





https://drive.google.com/drive/folders/1q_sL9K9iOSnbnzSLS5mUUeEntJ1Ohbd?usp=sharing

Table of Different teams participated in the internal hackathon

Bibin binoy	bibinbinoy87@gmail.com	DOB: 2002-10-04 Gender: Male category: Under Graduation Year/Sem/Class: 2 Department/Division: Bsc computer applications Institution: Kuriakose Elias College
Naziyamol A N	naziyaniyaz2002@gmail.com	DOB: 2002-07-25 Gender: Female category: Under Graduation Year/Sem/Class: 4 Department/Division: Bsc Computer Application Institution: Kuriakose Elias College
Harithamol NS	nsharitha03142@gmail.com	DOB: 2002-03-14 Gender: Female category: Under Graduation Year/Sem/Class: 4 Department/Division: Bsc computer applications model 3 triple main Institution: Kuriakose Elias College
Alan Jacob Kuriakose	alanjacobkuriakose2002@gmail.com	DOB: 2002-04-04 Gender: Male category: Under Graduation Year/Sem/Class: 2 Department/Division: ComputerApplication Institution: Kuriakose Elias College





1. Ananya N M	nmananya485@gmail.com	DOB: 2002-12-15 Gender: Female category: Under Graduation Year/Sem/Class: 2 Department/Division: Physics Institution: Kuriakose Elias College
Parvathi R Kumar	parvathinair801@gmail.com	DOB: 2002-07-31 Gender: Female category: Under Graduation Year/Sem/Class: 4 Department/Division: Physics Institution: Kuriakose Elias College
Balu Baiju	balubaiju275@gmail.com	DOB: 2000-02-05 Gender: Male category: Under Graduation Year/Sem/Class: 4 Department/Division: bsc physics Institution: Kuriakose Elias College
Britto B Vettikkattil	britto9652@gmail.com	DOB: 2002-04-16 Gender: Male category: Under Graduation Year/Sem/Class: 4 Department/Division: BSC.PHYSICS Institution: Kuriakose Elias College
KARTHIKA S NAIR	karthikanair228@gmail.com	DOB: 2001-11-02 Gender: Female category: Under Graduation Year/Sem/Class: 4 Department/Division: Physics Institution: Kuriakose Elias College
Anagha M S	anaghasanthosh2002@gmail.com	DOB: 2002-07-02 Gender: Female category: Under Graduation Year/Sem/Class: 4 Department/Division: Bsc Computer Application Institution: Kuriakose Elias College
Reenu Elizabeth Manu	reenueliza1602@gmail.com	DOB: 2002-02-16 Gender: Female category: Under Graduation Year/Sem/Class: 4 Department/Division: Bsc computer application Institution: Kuriakose Elias College
2. Sonu Joseph	sonujosepherattayar@gmail.com	DOB: 1999-11-28 Gender: Male category: Post Graduation Year/Sem/Class: 2 Department/Division: Applied Statistics Institution: Kuriakose Elias College
Aravind	aravindkjayan8@gmail.com	DOB: 1999-06-29 Gender: Male category: Post Graduation Year/Sem/Class: 3





		Department/Division: Statistics Institution: Kuriakose Elias College
NIBIN BENNY	nibinbenny1999@gmail.com	DOB: 1999-12-01 Gender: Male category: Post Graduation Year/Sem/Class: 3 Department/Division: Msc statistics Institution: Kuriakose Elias College
Aleena Paul	aleenapaulmukalel2000@gmail.com	DOB: 2000-08-14 Gender: Female category: Post Graduation Year/Sem/Class: 1 Department/Division: Economics Institution: Kuriakose Elias College
Ben Savio Yesudas	bensavioyesudas@gmail.com	DOB: 2000-10-29 Gender: Male category: Post Graduation Year/Sem/Class: 1 Department/Division: Economics Institution: Kuriakose Elias College
Sreehari K Sajeesh	sreehariksajeesh002@gmail.com	DOB: 2000-06-01 Gender: Male category: Post Graduation Year/Sem/Class: 1 Department/Division: Economics Institution: Kuriakose Elias College
Alfy Rose Stanley	alfyrosestanley2000@gmail.com	DOB: 2000-10-11 Gender: Female category: Post Graduation Year/Sem/Class: 1 Department/Division: Economics Institution: Kuriakose Elias College

3. BLESSY JOHNSON	blessyjohnson1999@gmail.com	DOB: 1999-04-23 Gender: Female category: Post Graduation Year/Sem/Class: 3 Department/Division: Statistics Institution: Kuriakose Elias College
SHAN ANN JIMMY	shanannjimmy1@gmail.com	DOB: 1998-05-22 Gender: Female category: Post Graduation Year/Sem/Class: 3 Department/Division: Statistics Institution: Kuriakose Elias College
Sona Philip	sonaphilip62@gmail.com	DOB: 1999-12-16 Gender: Female category: Post Graduation





		Year/Sem/Class: 2 Department/Division: Statistics Institution: Kuriakose Elias College
Roshni Shine	roshnishine66@gmail.com	DOB: 1999-03-06 Gender: Female category: Post Graduation Year/Sem/Class: 2 Department/Division: Msc Statistics Institution: Kuriakose Elias College
Anju George	anjugeorge2929@gmail.com	DOB: 1999-09-29 Gender: Female category: Post Graduation Year/Sem/Class: 3 Department/Division: Statistics Institution: Kuriakose Elias College

4. AJAY SAJEEV	ajaysajeev23@gmail.com	DOB: 2000-01-04 Gender: Male category: Post Graduation Year/Sem/Class: 1 Department/Division: Msc statistics applied Institution: Kuriakose Elias College
Nimisha Soman	nimishasoman2000@gmail.com	DOB: 2000-01-08 Gender: Female category: Post Graduation Year/Sem/Class: 2 Department/Division: Msc Statistics (Applied) Institution: Kuriakose Elias College
Shilpa George	shilpankadavil@gmail.com	DOB: 1999-04-12 Gender: Female category: Post Graduation Year/Sem/Class: 2 Department/Division: Statistics Institution: Kuriakose Elias College

5. R GOWRI CHANDANA	rgowrichandana666@gmail.com	DOB: 2001-10-06 Gender: Female category: Under Graduation Year/Sem/Class: 3 Department/Division: Economics Institution: Kuriakose Elias College
Blessy Maria Thomas	blessymaria2001@gmail.com	DOB: 2001-04-06 Gender: Female category: Under Graduation Year/Sem/Class: 3





		Department/Division: Chemistry Institution: Kuriakose Elias College
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6. Megha Mathew	megha.miya2002@gmail.com	DOB: 2002-11-09 Gender: Female category: Under Graduation Year/Sem/Class: 1 Department/Division: Bsc.Computer Application-Triple Main Institution: Kuriakose Elias College
Vinaya Vincent	vinayavincent007@gmail.com	DOB: 2002-07-08 Gender: Female category: Under Graduation Year/Sem/Class: 1 Department/Division: BSc Computer Application-Triple Main Institution: Kuriakose Elias College
Arya Vinod	aryavinod616@gmail.com	DOB: 2003-06-16 Gender: Female category: Under Graduation Year/Sem/Class: 1 Department/Division: BSc. Computer Application - Triple Main Institution: Kuriakose Elias College
karthika Mohanan	karthikamohanan37@gmail.com	DOB: 2003-05-02 Gender: Female category: Under Graduation Year/Sem/Class: 1 Department/Division: BSc Computer Application-Triple Main Institution: Kuriakose Elias College

7. Mishel Sibi	mishelsibi@gmail.com	DOB: 2002-10-01 Gender: Female category: Under Graduation Year/Sem/Class: 2 Department/Division: Bsc physics Institution: Kuriakose Elias College
CHRISTEENA SAJAN	christeenasaj13@gmail.com	DOB: 2002-02-13 Gender: Female category: Under Graduation Year/Sem/Class: 4 Department/Division: Physics Institution: Kuriakose Elias College
Lidhya Shilu	lidiyashilu06@gmail.com	DOB: 2002-09-06 Gender: Female category: Under Graduation Year/Sem/Class: 2 Department/Division: Physics





		Institution: Kuriakose Elias College
8. Aswanidev Suresh	aswanidevsuresh34@gmail.com	DOB: 2003-07-28 Gender: Male category: Under Graduation Year/Sem/Class: 1 Department/Division: Chemistry Institution: Kuriakose Elias College
ANANDHUVS	anandhusuresh091110@gmail.com	DOB: 2003-03-31 Gender: Male category: Under Graduation Year/Sem/Class: 1 Department/Division: Chemistry Institution: Kuriakose Elias College

SIH SPOC, K. E. College

Dr. Ison V Vanchipurackal
Principal

Dr. Mercy Mathews

Co-ordinator.

SIH

PRINCIPAL
KURIAKOSE ELIAS COLLEGE
MANNANAM, KERALA-686 561





Report of Internal Hackathon 2023, K E College

As a part of Smart India Hackathon (SIH)2023, we have Conducted the internal idea hackathon on 26.09.2023. The brochure and guidelines were circulated among all students on 21.09. 2023. The programme was conducted at Fabian Hall, K.E College from 10.30 am onwards. We have been participating in Smart India Hackathons for last two years. The major purpose of the programme was to include maximum number of teams for this competition in this year.

The objectives of the programme was-

- ★ To make the students identify the different problems that we are facing in our day todaylife.
- ★ To develop the critical thinking among students
- ★ To develop the problem solving ability among students.
- ★ To find out the innovative ideas from our students to solve these problems.
- ★ To give a platform to present their ideas.
- ★ To Encourage the team spirit
- ★ To increase the communication skills.
- ★ To avoid the stage fear.

- **About the Problem Statement:**

We invited different problem statements from our students like-

- Recharge problem faced by Electric Vehicle's
- Reuse of building waste
- Reuse of plastic waste
- Transportation difficulties in the college area

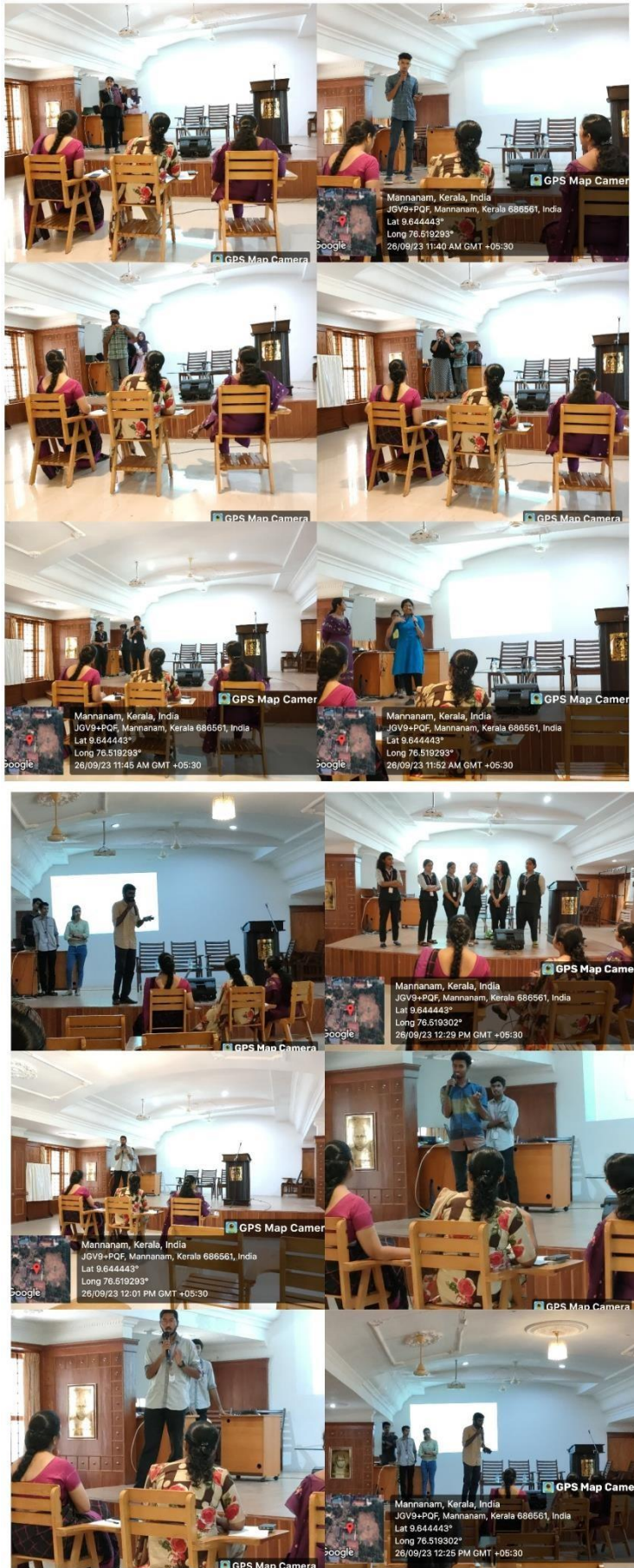
Student's own problem statements were also allowed.





- Photos of Event And Participating Teams:.









• **Judging Process:**

The process used for judging the Hackathon projects.

- Relevance of the problem
- Innovation
- Whether the innovation is suitable for the problem
- Presentation skills
- Quality of the answers to the questions asked by the judges

• **Jury Panel and Judges information:**

Three faculty members of the college included in the jury panel, namely-

- ❖ Dr. Mercy Mathews, Assistant Professor, Department of Physics, K E College
- ❖ Dr. Hema Narayanan, Assistant Professor, Department of Hindi, KE College
- ❖ Mrs. Divya Joseph, Department of Commerce, K E College

• **Participation Statistics & Name of the Team and members in the team**

Team	Team Members	Gender	Class	Problem Statement and Idea
Team 1	Anandhu V.S	Male	II Year Chemistry	Concrete Waste- Recycling it as biopolymer and PH paper
	Liya P Reji	Female		
	Anjali Thampi	Female		
	Noufi Nizar	Female		
	Atlin Cyril	Male		
	Aswanidev Suresh	Female		
Team 2	Liya P Reji	Female	III Year Chemistry	Plastic waste- biodegradable plastic materials
	Aswanidev Suresh	Female		
	Anandhu V.S	Male		
	Anjali Thampi	Female		
	Noufi Nizar	Female		
	Atlin Cyril	Male		
Team 3	Joyal Jose	Male	Psychology Aided, I Year	Mental Health Status identification- Develop App
	Asna K.S	Female		
	Safa Nazrin	Female		
	Agnus Mathew	Female		
	Agela Jiju	Female		
	Athira Shiju	Female		
Team 4	Dennis V Antony	Male	III Year B ComAided	Motor Vehicle Recharging- Develop Recharge hub near petrol pump
	Leon Joe Varghese	Male		
	Emil Binoy	Male		
	Aleesha Maria	Female		
	Adarsh S	Male		
	Sebinson John Saviyo	Male		
Team 5	Arunima Anil	Female	II Year	Sign Language





	Sreelakshmi MP	Female	Psychology Aided	translation-Through App
	Teres Thomas	Female		
	Angel P Joseph	Female		
	Sandra Saji	Female		
	Rija Gijo	Female		
Team 6	Mishel Sibi	Male	MSc Physics	Route Map-Develop the App to identify the vehicle in a particular route
	Chaithra Baburaj	Female		
	S Pranav	Male		
	Jithu Joseph	Male		
	Devika S	Female		
	Harsha Rose P V	Female		
Team 7	Stimin Tommy	Male	B Sc Computer application	Concrete Waste-Convert into Eco brick And Pots
	Jayasurya Binoy	Male		
	Isha Michael	Female		
	V Harikrishnan	Male		
	Jyothis T S	Male		
	Amal P Anil	Male		
Team 8	Jerril Jiju	Male	B Com Self	Dearth Race-Develop a ground for Safe bike drive learning
	Naiena V	Female		
	Pavithra Pramod	Female		
	Albert Joseph	Male		
	Siva Subhash	Female		
	Alphin Mohanned	Male		
Team 9	Sarath Chandran R	Male	Physics Aided, III Year	Separate Oxygen and Hydrogen from water
	Mareena Reji	Female		
	Alex lal	Male		
	Jibin Lukose	Male		
	Aswin Sunil	Male		
	Aiswarya pradeep	Female		
Team 10	Meenakshi R	Female	B Sc Computer application 1 st year	Coconut Breaking-Develop new machine
	Abhijith Biju	Male		
	Jerard Joseph	Male		
	Joel	Male		
	Swathikrishna	Female		
	Anjal Shaji	Female		
Team 11	Aarsha S Nair	Female	B Com finance and Tax self, III Year	Develop trade-develop an app to help to choose the made of Trade
	Muhammad Sherbin	Male		
	Noel Kurian	Male		
	Alim Sakeer	Male		
	Akshai Stephen	Male		
	Aron Benny	Male		
Team 12	Gautham Najikethas	Male	M Sc Chemistry, I Year	Renewable powerplant
	Stephy Sunny	Female		
	Abhijith Udayappan	Male		



	Harikrishnan B K	Male		
	Sreelakshmi Krishnankutty	Female		
	Bhavya Kuttan	Female		
Team 13	Anamika Vishnu	Female	B Sc Psychology Self, II Year	Stationary Waste management in college-
	Ann Mariya Jacob	Female		
	Veena Suresh Gaury Raj - Female	Female		

	Liya Biju	Female		Collect the materials
	Akshaya Sreekumar	Female		
Team 14	Ayishathul Rifa	Female	B Com self	Graphic Design related to business
	Sreehari T A	Male		
	Judith Joy	Female		
	Stephin Jacob	Male		
	S P Mahadev	Male		
	Alan Jayesh	Male		
Team 15	Ansaf sheffi	Male	B Com Aided	Swap hub
	Prabin	Male		
	Minu Madhav	Female		
	Cibin Anoop	Male		
	Avinash Saneesh	Male		
	Binsu Binoy	Female		

- Nominated Top Teams:**

By Considering the Problem Statement, ideas and performance the judges nominated 15 teams, Respectively-

Position	Team	Team Members	Gender	Class
1 (Sharing)	Team 1	Anandhu V.S	Male	II Year Chemistry
		Liya P Reji	Female	
		Anjali Thampi	Female	
		Noufi Nizar	Female	
		Atlin Cyril	Female	
		Aswanidev Suresh	Male	
2 (Sharing)	Team 2	Liya P Reji	Female	III Year Chemistry
		Aswanidev Suresh	Female	
		Anandhu V.S	Male	
		Anjali Thampi	Female	
		Noufi Nizar	Female	
		Atlin Cyril	Male	
3	Team 15	Ansaf sheffi	Male	B Com Aided





		Prabin	Male	
		Minu Madhav	Female	
		Cibin Anoop	Male	
		Avinash Saneesh	Male	
		Binsu Binoy	Female	
4	Team 12	Gautham Najikethas	Male	M Sc Chemistry, IYear
		Stephy Sunny	Female	
		Abhijith Udayappan	Male	
		Harikrishnan B K	Male	
		Sreelakshmi Krishnankutty	Female	
		Bhavya Kuttan	Female	
5 (Sharing)	Team 7	Stimin Tommy	Male	B Sc Computer application
		Jayasurya Binoy	Male	
		Isha Michael	Female	

		V Harikrishnan	Male	
		Jyothis T S	Male	
		Amal P Anil	Male	
5 (Sharing)	Team 8	Jerril Jiju	Male	B Com Self
		Naiena V	Female	
		Pavithra Pramod	Female	
		Albert Joseph	Male	
		Siva Subhash	Female	
		Alphin Mohammed	Male	
6 (Sharing)	Team 6	Mishel Sibi	Male	MSc Physics
		Chaithra Baburaj	Female	
		S Pranav	Male	
		Jithu Joseph	Male	
		Devika S	Female	
		Harsha Rose P V	Female	
6 (Sharing)	Team 14	Ayishathul Rifa	Female	B Com self
		Sreehari T A	Male	
		Judith Joy	Female	
		Stephin Jacob	Male	
		S P Mahadev	Male	
		Alan Jayesh	Male	
7	Team 11	Aarsha S Nair	Female	B Com finance andTax self, III Year
		Muhammad Sherbin	Male	
		Noel Kurian	Male	
		Alim Sakeer	Male	
		Akshai Stephen	Male	
		Aron Benny	Male	
8	Team 4	Dennis V Antony	Male	III Year B Com





		Leon Joe Varghese	Male	Aided
		Emil Binoy	Male	
		Aleesha Maria	Female	
		Adarsh S	Male	
		Sebinson John Saviyo	Male	
9	Team 10	Meenakshi R	Female	B Sc Computer application I st year
		Abhijith Biju	Male	
		Jerard Joseph	Male	
		Joel	Male	
		Swathikrishna	Female	
		Anjal Shaji	Female	
10	Team 5	Arunima Anil	Female	II Year Psychology Aided
		Sreelakshmi MP	Female	
		Teres Thomas	Female	
		Angel P Joseph	Female	
		Sandra Saji	Female	
		Rija Gijo	Female	
11	Team 13	Anamika Vishnu	Female	B Sc Psychology Self, II Year
		Ann Mariya Jacob	Female	
		Veena Suresh Gaury Raj - Female		
		Liya Biju	Female	
		Akshaya Sreekumar	Female	
12	Team 3	Joyal Jose	Male	Psychology Aided, I Year
		Asna K.S	Female	
		Safa Nazrin	Female	
		Agnus Mathew	Female	
		Agela Jiju	Female	
		Athira Shiju	Female	
13	Team 9	Sarath Chandran R	Male	Physics Aided, III Year
		Mareena Reji	Female	
		Alex lal	Male	
		Jibin Lukose	Male	
		Aswin Sunil	Male	
		Aiswarya pradeep	Female	

- **Social Media Links:**

<https://www.instagram.com/p/CyDAI9uSaWT/?igshid=NjZiM2M3MzlxNA>

<https://www.instagram.com/p/CyDAw0ayQH9/?igshid=NjZiM2M3MzlxNA==>





https://m.facebook.com/story.php?story_fbid=pfbid02vZAeKBqAhGZjA8e3gzFxpcaSAUKJXSoMGL_Uta4sRjCojqRVjhDt2rJuM2851tl&id=100086542802917

https://www.linkedin.com/posts/iedc-kuriakose-elias-college-mannanam-41498425a_idea-hackthon-2023-idea-of-k-e-college-activity-7116455038603980800-huK9?utm_source=share&utm_medium=member_android

SIH SPOC, K. E. College

Dr. Ison V Vanchipurackal

Principal

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