



IDEATHON OF IOT ALLIANCE - ELECTRICAL DIVISION CLUB

(24th September, 2024)

**Organized by
Department of Electrical and Electronics Engineering
EVENT REPORT**

Title of the Event: GLOBAL PRODUCT DEVELOPMENT – IDEATHON'24 – 2.0

Event Overview: The Ideathon event, organized by Electrical and electronics department, took place on Machine lab dated at 26th September 2024. The event aimed to foster creativity, innovation, and collaboration by bringing together a diverse group of participants to generate and develop impactful ideas. This report provides an in-depth analysis of the event's objectives, activities, outcomes, and future recommendations.

Objectives:

- 1.Idea Generation: To encourage participants to generate novel and creative ideas related to the chosen theme, fostering innovative thinking.
- 2.Collaboration: To facilitate networking and collaboration among participants from different backgrounds, encouraging the exchange of perspectives and experiences.
- 3.Idea Development: To provide participants with a platform to refine their ideas, develop comprehensive strategies, and create actionable plans.

Event Activities:



Inauguration of the Event – Global Product Development, Ideathon'23



Poster Presentations by the Participants





Prize Distribution to the Winners



Brochure:


SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)


**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)


IoT Alliance

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**

Global Product Development Ideathon'24-2.0

Theme: **SDG 9: Industry, Innovation, and Infrastructure**

- Diagnostic Systems for Improved Healthcare Infrastructure
- Smart Wearables for Continuous Health Monitoring
- System for Securing Patient Data Management
- Diagnostic Tool for Early Disease Detection
- Energy Management System for Sustainable Buildings
- Smart Energy Storage Solutions for Renewable Integration
- Innovative Sensor Networks for Precision Agriculture
- Not limited to above boundaries

Round 1: Idea Generation (on or before 18th September 2024)
 Participants brainstorm and come up with ideas individually or in teams.
 (Submission Link <https://forms.gle/Bn49Kio6isJ7aRy8A>)

Round 2: Final Pitch (on 24th September 2024)
 Participants present their ideas as a poster and demonstrate their prototype.
 (Poster Dimensions 48" X 36")

"BEST IDEAS WILL BE AWARDED WITH CASH PRIZES"

Instructions:

- Team Size – 1 to 3.
- All communications will be made only to the contact details given in the registration form
- All the registered and presented participants will receive E-Certificate.

Registration: Rs. 200/- (Per Team)
Payment Mode: Gpay/Phonepe/Paytm – 9944204915 (D KARTHIKEYAN)
 (Payment must be made in the name of Project Title)

Convenor: **Dr. A. Geetha**, Assistant Professor, Department of EEE.
Dr. D. Karthikeyan, Assistant Professor, Department of EEE.

Student Coordinator: **Ms. Vinotha Varsha Gajendran**, Dept of EEE.









Details of Participants:

S. No	Name of the Students	Project Title	Name of the College
1	UTSAV JAIN	AERO+	SRMIST, KTR
	Shikar Dubey		
	Shaik Sameer Pasha		
2	S. GODWIN JEBAS	SMART ID CARD	P.S.R ENGINEERING COLLEGE
	M.ARUN	(smart wearables for continuous health monitoring)	
	P.U.JAYABALAJI		
3	KUDITHI SAI	Ecomotion	SRMIST, KTR
	SIDDARTHA		
4	R.G. RITHICK RAGHAV,	The Hydrogen Promise-Fuel of the Future	SRM UNIVERSITY RAMAPURAM CAMPUS
	P. ROJA		
5	AKILAN.S,	IOT BASED SMART WATER MANAGEMENT SYSTEM	SRMIST, KTR
	MONISH RAJ.S,		
	MADHAN.K		
6	AADITYA RANJAN	Remote monitoring of a sanitary napkin Incinerator using IoT	SRMIST, KTR

	SIYA CHUGH		
7	KAUSHIK	Agricultural Robot for Crop Health Monitoring	SRMIST, KTR
	UMESH CHANDRA		
8	ISHAN GAUR,	WEB SENTINEL	SRMIST, KTR
	MOPURI VENKAT HETHU VARDHAN,		
	DEBOPAMA CHOWDHURY		
9	N KAVYA, R VAITHEESWARI	SOLAR POWERD TOUCHLESS SANITARY NAPKIN INCINERATOR	SRMIST, KTR
	M AARTHI		
10	V A SUPRIYA,	Sensor enchanced helmet	BS Abdur Rahman Crescent 2) Peri
	S KAVYA,		
	YUVAN SHANKAR R		
11	T. DHEEPASWARUPAN	INVESTIGATION OF PHASE CHANGE MATERIAL BASED THERMOELECTRIC ENERGY HARVESTOR FOR SMART BUILDING	SRMIST, KTR
	VISHAL Gnanavel,		
	DHARMENDIRAMURTY. A		
12	RUCHIT SHIVANI,	Thyroid Nodule Classification Model	SRMIST, KTR
	ANVI TANDON		
	LALIT SATVIK SURISETTY		
13	SRIJA P, HISHAM B	Wearable Fall Prevention Device for Elderly People	SRMIST, KTR
	ALLEN SANJAI M		
14	LEKHASREE B,	Vaccine Cooling System with IoT Monitoring and Hybrid Powering	SRMIST, KTR
	JANE JOSHITA K,		
	ASHWINKUMAR A		
15	K. KAMALESH,	Smart wearables for continuous health monitoring	PSR Engineering College,
	S. MAHESH VINAYAKA,		
	T. JOHN PETER		
16	R. KRISHNA PRIYAN,	Smart irrigation with precision farming using IOT	PSR Engineering College.
	K. KESAVAN, M. KANNAN		
17	RAMACHANDRU J,	Smart Solar-Powered Water Level Monitoring and Control System with IoT Integration	SRMIST, KTR
	ALDO ROGER J,		
	M YESWANTH		
18	THARUNRAJ V,	Medical Emergency Quadcopter	SRMIST, KTR
	VISHNU PRADAP D, SARVESHWARAN V		
19	MUHAMMED KHIRASH M.P,	Assistant for night driving	SRMIST, KTR
	NASEEB RAHMAN		
20	ADHITHYA B,	LifeTrack	P.S.R Engineering College
	DHARUN S,		
	ESAKKIRAJA		
21	VARSHINI VS,	SMART CHARGER WITH AUTO CUT OFF	SRMIST, KTR
	SNEHA R		

22	MARZOOK AHAMED.M	AAC DEVICE	Saranathan College of engineering
	Maheshwaran PL		
	Iqjas Fathima I		
23	AMIRTHA LAKSHMI P	ADVANCED AUTOMATIC SELF-CAR PARKING	Saranathan College of Engineering,
	POOJA Yokogawa servies limited saudi arabia		
24	P. ANGEL,	"AgriTech Revolution: Empowering Farmers with Smart Sensor Solutions"	PSR Engineering College,
	P. SRINITHI KASIAMMAL,		
	S.SELVA SRI HARINI		
25	S.Rohini	Smart Glasses for Google translation	SRMIST, KTR
	A.sanjay		
26	Sachin. T	Cost Effective Electric Personal Transporter with wireless charging system	SRMIST, KTR
	Desigan. B		
	Balaji. V		



Signature of the Convenor