



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



विज्ञान एवं प्रौद्योगिकी विभाग
DEPARTMENT OF
SCIENCE & TECHNOLOGY



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)



CENTER FOR
ELECTRIC MOBILITY

CENTRE FOR ELECTRIC MOBILITY

IN ASSOCIATION WITH

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING,
SRM INSTITUTE OF SCIENCE & TECHNOLOGY,
KATTANKULATHUR - 603203, TAMIL NADU, INDIA

ORGANISES

DST PURSE PROJECT SPONSORED

WIN
ATTRACTIVE
PRIZES

 **ideaathon**
2024

EVERYTHING BEGINS WITH AN IDEA!

UNLEASH YOUR CREATIVITY ON

**ATTENTION:
THE DATES
ARE REVISED**



**23RD MARCH
2024**

VENUE:

**ESB BLOCK, MAIN CAMPUS,
SRM INSTITUTE OF SCIENCE & TECHNOLOGY,
KATTANKULATHUR - 603203**

REGISTRATION LINK

<https://forms.gle/Ygf9DnErBcmGW25g6>



- No Registration Fee
- Certificate Provided
- 3 Members per Team
- Mentor Mandatory
(Faculty/Research Scholar)
- Ideas (or) Models
can be presented

TRACK 1

Mechanical,
Automobile &
Robotics

TRACK 2

Computer science (all sub-
categories), Communication
& Mechatronics

TRACK 3

Electrical,
Electronics, &
Instrumentation

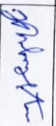



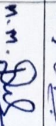

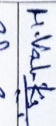
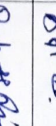


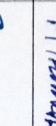
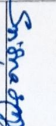
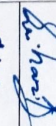
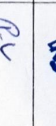
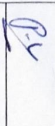

REGISTRATION OPENS ON
20-02-2024

REGISTRATION CLOSES ON
12-03-2024

SELECTION INTIMATION ON
15-03-2024

For Queries: Mr. T.M. Navinkumar, Project Associate, DST PURSE Project (+91-9095680071)

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
CENTRE FOR ELECTRIC MOBILITY
IDEATHON 2024 - 23.03.2024
REGISTRATION FORM

S.NO	Team ID	Name	Institution Name	Place	Bonaifide Verification	Signature
1	P24-IT01-46	JOHN LIVING STONE S ALEKSHAYA K	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, T	Trichy	Verified	 
2	P24-IT01-59	KOSIREDDY RASO GOODE SUREKHA REDDY PASALA MANI SANKAR	VEL TECH RAJAGARASAM DR. SAGUNTHALA RAO INSTITUTE OF SCIENCE AND TECHNOLOGY	AVADI	verified	  
3	P24-IT01-51	DINESH M M VARSHNI KANNA M SHALINI S	ST. JOSEPH'S INSTITUTE OF TECHNOLOGY	CHENNAI		  
4	P24-IT01-58	ASWATHRATHU B SRRAVANA KUMAR S DRANESH M	VS8 ENGINEERING COLLEGE	KARUR		  
5	P24-IT01-48	SRI SIVASUBRAMANIAM. BS SEIHARI. L THARUN. S	SRM IST -	TRICHY		  
6	P24-IT01-05	VEERANUVESWARAN. P HARISH	AARUPADAI VEEDU INSTITUTE OF AI TECHNOLOGY	Chennai		 

7	P24-IT01-61	CAPRISHA VIJAY VIDHYATHARAN NRK VISHALI.R	VET TECH RANGARAJAN DR. SAGUNTHALA R&D INSTITUTE OF SCIENCE AND TECHNOLOGY	AVADI			Caprisha Vijay NRK Vishali
8	P24-IT01-14	HARISH.P.S DHANUSH.S ABISHEK.K	KDR INSTITUTE OF ENGINEERING AND TECHNOLOGY,	COMBAT-ORE			Ganesh Dhanush K. Abishek
9	P24-IT01-23	Saket HIG. HARSHIT AGRAWAL	SRMIST	KTR,			Saket Harshit
10	P24-IT01-40	DINESH KUMAR : S ADAR AKSANTH. J PYLA UDT NARAYAN SAI	SRMIST KTR	KTR			Dinesh Adar Pyala
11	P24-IT01-41	SIDDHANT DUDAKER KARUN ASHOK KUMAR ADITYA JASTAMBHALE	SRMIST KTR	KTR			Siddhant Karun Aditya
12	P24-IT01-27	RAVEEN. H GOWSHIK. G. S.	PANIMALAR ENGINEERING COLLEGE	PONA MALE			Mr. Raveen Gowshik
13	P24-IT01-35	MOHAMMED SOHAIL M.K RAGHUL Y	SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY	COMBANGA			Sri Krishna College Raghul Y

14	P24- IT01- 24.	KAVIN . N R. GAAGANA. TIROTAMAN . K.	NEW HORIZON COLLEGE OF ENGINEERING.	BANGALORE	Don	Chair. Mr. Geyank Nishankar
15	P24-IT01 -03	Sahil kumar Krishankumar Mithun kumar Nittish kumar . D Devara Sri . PM ST. Harikaran	AVIT College	Rainoor		Kishanuma Mile
16	P24 IT01 29		online mode Tejalekshmi Engg. College.			
17	P24- IT01- 52	Y Ugesh . S Yoath . S. Shrinangaly. K. JAAGAN. ROSHAN . P. RESHMARAT . K . R.	online mode St. Joseph's College of Engg.			
18	P24- IT01- 25.		NEW HORIZON COLLEGE OF ENGINEERING.	BANGALORE		K. Yag Bell M. R.

DST PURSE Sponsored National level Ideathon 2024

In Associated with the Centre for Electric Mobility and department of Electrical and Electronics Engineering, SRM Institute of Science and Technology, Kattakulathur.

Date: 23rd March, 2024

Introduction

Ideathon 2024, an innovative event aimed at fostering creativity and collaboration among engineering students from across India, witnessed an overwhelming response with 140 teams registering through a Google Form. The event, open to all engineering disciplines, featured multiple rounds of evaluation to identify and showcase the most promising and innovative ideas.

Event Details

Date: 23rd March, 2024, 9:30 AM -, 6:30 PM

Location: ESB Block, 2nd, Floor, Faraday Hall, EEE Conference hall

Chief Guest Dr. Shivaprasad Amaravayal, Scientist B, Department of R&D Infrastructure, Department of Science and Technology (DST), graced the final day of presentations on March 23, 2024, from 9:30 am to 6:30 pm. The event provided an opportunity for participants to showcase their ingenuity, interact with industry experts, and vie for recognition and prizes.

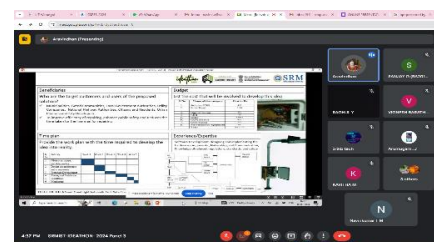
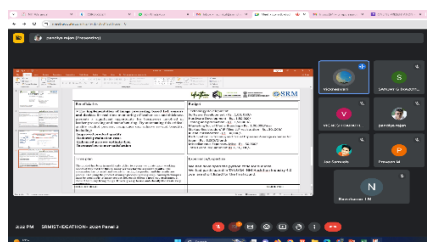
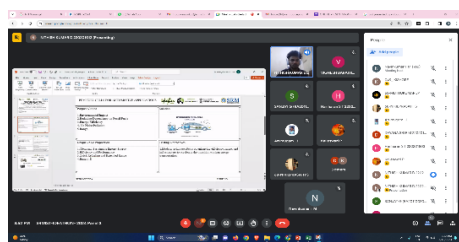
Pre-Event Activities

- Outreach and Registration.
- Student Coordinators visited colleges and explained the event, in addition to circulating event brochures through emails and social media platform.
- **A total of 140 teams registered for the event,** Registrations were done through Google Forms.

Registration and First Round Evaluation:

- Registration for Ideathon 2024 was conducted through a Google Form circulated to engineering colleges nationwide. Prospective participants were required to submit abstracts and block diagrams detailing their new innovative ideas. The first-round selection process focused on evaluating submitted abstracts based on criteria such as originality, creativity, feasibility, viability, experience/expertise, and knowledge about the idea. From the pool of registrations, **68 teams were selected to proceed to the next level.**

Online Presentation Selection Second Round Evaluation:



Online Idea Presentation

- The second round of evaluation involved online presentations via Google Meet, where selected teams showcased their ideas using a provided PowerPoint template. Six expert panels, each dedicated to specific domains, evaluated the presentations based on their innovation, feasibility, and potential impact. Following rigorous assessment, **18 teams were shortlisted to advance to the final round.**

The Final Ideathon 2024

- The final round of **Ideathon 2024** took place offline at the **SRM Institute of Science and Technology (SRMIST), Kattankulathur**. The venue was divided into two panels, accommodating nine teams each, with presentations held at the **ESB Block EEE, Conference Hall and Faraday Hall**. Participating teams presented their inventive ideas and demonstrated prototypes, addressing queries from panel members. The event culminated in the selection of five winning teams, comprising two winners and three runners-up.



Presentation



Presentation



Presentation



Discussion about Prototype to
Dr. Shivaprasad & Dr.C.Bharatiraja



Discussion about Prototype to
Dr. Shivaprasad & Dr.C.Bharatiraja



Discussion to Panel Members

Evaluation and Prizes

Five teams received awards:

First Prize: (Team 1): **P24-IT01-35** - Sri Krishna College of Engineering and Technology, Coimbatore
(Team 2): **P24-IT01-48** - SRM Institute of Science and Technology, Tiruchirappalli

Runner-Up (Team 1): **P24-IT01-46** - SRM Institute of Science and Technology, Tiruchirappalli
(Team 2): **P24-IT01-61** - Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai.
(Team 3): **P24-IT01-27** - Panimalar Engineering College, Chennai



Memento to Chief Guest



Certificate and Prizes Distribution



Group Photo

Conclusion

Ideathon 2024 showcased the remarkable creativity and innovation of engineering students across India. Through a rigorous selection process and engaging presentations, the event provided a platform for aspiring innovators to transform their ideas into tangible solutions. The success of Ideathon 2024 underscores the importance of fostering innovation and collaboration in addressing societal challenges.

DST PURSE supported
National Level Inter Collegiate

ideaathon
2024

This certificate is awarded to

PRABEEN M, PANIMALAR ENGINEERING COLLEGE

For their exceptional talent, creativity, and outstanding performance in the Ideathon event held on March 23, 2024. Your innovative ideas and remarkable contributions have distinguished you as **Active Participant** towards excellence and dedication in driving positive change conducted by the 'CENTER FOR ELECTRIC MOBILITY' in association with the Department of Electrical and Electronics Engineering, SRM Institute of Science and Technology, Kattankulathur Campus, Chengalpattu District, Tamil Nadu, India - 603203.

Dr. C. Bharathiraja,
Professor/EEE, SRMIST

Dr. K. Vijayaraj Kumar,
DEAN/SEE, SRMIST

COMSHIK. G.S., PANIMALAR ENGINEERING COLLEGE.

For their exceptional talent, creativity, and outstanding performance in the Ideathon event held on March 23, 2024. Your innovative ideas and remarkable contributions have distinguished you as **Active Participant** towards excellence and dedication in driving positive change conducted by the 'CENTER FOR ELECTRIC MOBILITY' in association with the Department of Electrical and Electronics Engineering, SRM Institute of Science and Technology, Kattankulathur Campus, Chengalpattu District, Tamil Nadu, India - 603203.

Dr. C. Bharathiraja,
Professor/EEE, SRMIST

Dr. K. Vijayaraj Kumar,
DEAN/SEE, SRMIST

DST PURSE supported
National Level Inter Collegiate

ideaathon
2024

This certificate is awarded to

COMSHIK. G.S., PANIMALAR ENGINEERING COLLEGE.

For their exceptional talent, creativity, and outstanding performance in the Ideathon event held on March 23, 2024. Your innovative ideas and remarkable contributions have distinguished you as **Runner-up** towards excellence and dedication in driving positive change conducted by the 'CENTER FOR ELECTRIC MOBILITY' in association with the Department of Electrical and Electronics Engineering, SRM Institute of Science and Technology, Kattankulathur Campus, Chengalpattu District, Tamil Nadu, India - 603203.

Dr. C. Bharathiraja,
Professor/EEE, SRMIST

Dr. K. Vijayaraj Kumar,
DEAN/SEE, SRMIST

PRABEEN M, PANIMALAR ENGINEERING COLLEGE.

For their exceptional talent, creativity, and outstanding performance in the Ideathon event held on March 23, 2024. Your innovative ideas and remarkable contributions have distinguished you as **Runner-up** towards excellence and dedication in driving positive change conducted by the 'CENTER FOR ELECTRIC MOBILITY' in association with the Department of Electrical and Electronics Engineering, SRM Institute of Science and Technology, Kattankulathur Campus, Chengalpattu District, Tamil Nadu, India - 603203.

Dr. C. Bharathiraja,
Professor/EEE, SRMIST

Dr. K. Vijayaraj Kumar,
DEAN/SEE, SRMIST