



**KINGS**  
COLLEGE OF ENGINEERING  
AUTONOMOUS

Approved by AICTE, New Delhi  
Affiliated to Anna University, Chennai  
Recognized under 2(f) & 12B, UGC  
NAAC Accredited Institution

**Department of Science and Humanities**  
**ACADEMIC YEAR 2024 -2025 (EVEN SEM)**

**18.02.2025**

**Circular**

In view of the “**National Science day**” celebration, the Department of Science and Humanities, in association with ‘Centre for Promotion Research’ (CPR) has planned to organize **Mini-Project Expo** for the first year students of our college on 27.02.25 (Thursday). Interested students are asked to enroll their name to Dr.S.Udayakumar, Asso.Prof / Chemistry and Dr.K.Sooryakala, AP/Physics on or before 24.02.25.


**Theme:** Science for Sustainable Development Promoting Green Technologies

**Venue:** Physics Lab

**GUIDELINES FOR MINI PROJECT EXPO**

- Project expo- Experiment demo only practical and clear Explanation Expected (with Chart)
- Team size : Four Students
- Duration : 10.30 to 12.30 PM
- Expert committee will inspect and award Marks
- Certificates and Shield will be issued to participants those who got first 2 places

  
18/2/25  
Convener 18/2/25

  
18/2/25  
HoD/S&H



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**ACADEMIC YEAR 2024 -2025 (EVEN SEM)**

**“NATIONAL SCIENCE DAY-2025”**

**Department of Science & Humanities, in association with ‘Centre for Promotion Research’ (CPR)**  
**Mini Project Expo – ‘Science for Sustainable Development Promoting Green Technologies’**


**27-02-2025**

**Participant List**

TEAM NO.	NAME OF THE STUDENTS	DEPT.	TITLE OF THE PROJECT
1	VARSHINI G PAVITHRA D PRETHIKA S SASHWITHA G	I CSE B	Solar Powered Smart Home
2	VISHNU PRASATH S VISHVAKKANNAN S NITINRAM K S NAVINKUMAR S	I CSE B	Lab grown Meat
3	NAVEEN G R RAGUL N SANTHOSH K VIGNESH S M	I CSE B	Solar energy Optimization
4	AGASTHIYA A S APARNA S DHANYA B DHESIKAA L G	I AI & DS	User recommendation and suggestions using Python code
5	KANIKA K MATHALI BALA D DHARSHINI E THASLEMA NASRIN M	I AI & DS	Fuel from Plastics
6	BISMEENA B SWATHI SRI M SARANYA S DHARANI SRI M	I AI & DS	DC to DC Boost Converter
7	ABISHEK R GOWRI SHANKAR T HARIDHARAN V MOHAMED FAYIZ AKMAL A	I ECE A	Laser Circuit Alarm
8	MOHAMED ASHIF A MOHAMED WASEEM M HARISH M MAGESH KRISHNA S	I ECE A	Smart Blind Stick

9	ARSATHA S BHARANIKAM HARINI J MITHRA DEVI D	I ECE A	Renewable energy
10	SRI SAKTHI S PRINCILIN R	I ECE B	Water Resources
11	PERIYASAMY M MURUGESAN R SANTHOSH V SRIDHARAN S	I ECE B	High-tech Home
12	THANGAM P SOWBARANI I SALNI S	I ECE B	Renewable energy
13	RISHI K RITHISH R SHANKARKANNA A	I ECE B	Ultra Nano sensor attached shoes for blind person
14	KARTHIK S VAIRAVEL E	I EEE	Quantum Biology meets AI: Revolutionizing Science and Technology
15	JUSTLIN RUSSIL G SRITHAR E NITHYA V PRIYADHARSHINI M	I CIVIL	Nanotechnology
16	KISHORE S BALAMURUGHAN K HARIHARAN A KRITHIK ROSAN S	I IT	Air Decarbonizes
17	JOSHWA A KAVIYAN A NIRANJAN D PRIYADHARSHAN S	I MECH	Bamboo products as sustainable alternatives
18	KARTHICK M JAYAVIJAY K FAROOK I DHANUSH D	II ECE A	Water Irrigation System
19	VIGNESH C VENKATESHWARAN G	II CSE B	Attendance Management System
20	SARVESH R SANJAY B SEDHURAMAN V	II CSE B	Bill Management System
21	PILIRAJ G PRAKASH K	II CSE B	PDF Protector

  
 18/2/25  
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**Mini Project Expo – ‘Science for Sustainable Development Promoting Green Technologies’**

**Score Sheet**

**27-02-2025**

TEAM NO.	NAME OF THE STUDENTS	DEPT.	Theme (10)	Novelty (15)	Presentation (25)	Total (50)
1	VARSHINI G PAVITHRA D PRETHIKA S SASHWITHA G	I CSE B	10	10	20	40
2	VISHNU PRASATH S VISHVAKKANNAN S NITINRAM K S NAVINKUMAR S	I CSE B	-	-	-	-
3	NAVEEN G R RAGUL N SANTHOSH K VIGNESH S M	I CSE B	-	-	-	-
4	AGASTHIYA A S APARNA S DHANYA B DHESIKAA L G	I AI & DS	09	11	20	41
5	KANIKA K MATHALI BALA D DHARSHINI E THASLEMA NASRIN M	I AI & DS	10	10	20	40
6	BISMEENA B SWATHI SRI M SARANYA S DHARANI SRI M	I AI & DS	10	10	24	44
7	ABISHEK R GOWRI SHANKAR T HARIDHARAN V MOHAMED FAYIZ AKMAL A	I ECE A	10	10	22	42
8	MOHAMED ASHIF A MOHAMED WASEEM M HARISH M MAGESH KRISHNA S	I ECE A	10	10	20	40
9	ARSATHA S BHARANIKA M HARINI J MITHRA DEVI D	I ECE A	10	10	22	42
10	SRI SAKTHI S PRINCILIN R	I ECE B	10	10	20	40

11	PERIYASAMY M MURUGESAN R SANTHOSH V SRIDHARAN S	I ECE B	10	12	24	46
12	THANGAM P SOWBARANI I SALNI S	I ECE B	-	-	-	-
13	RISHI K RITHISH R SHANKARKANNA A	I ECE B	10	13	19	42
14	KARTHIK S VAIRAVEL E	I EEE	10	12	16	38
15	JUSTLIN RUSSIL G SRITHAR E NITHYA V PRIYADHARSHINI M	I CIVIL	10	10	20	40
16	KISHORE S BALAMURUGHAN K HARIHARAN A KRITHIK ROSAN S	I IT	10	13	19	42
17	JOSHWA A KAVIYAN A NIRANJAN D PRIYADHARSHAN S	I MECH	10	14	11	35
18	KARTHICK M JAYAVIJAY K FAROOK I DHANUSH D	II ECE A	10	10	18	38
19	VIGNESH C VENKATESHWARAN G	II CSE B	10	10	20	40
20	SARVESH R SANJAY B SEDHURAMAN V	II CSE B	10	10	20	40
21	PILIRAJ G PRAKASH K	II CSE B	10	11	20	41

## JURIES

1. Dr.P.Narasimman, Asso. Prof/EEE

P. Narasimman  
27/2/25

2. Dr.R.Shankar, Asso. Prof/ MECH

R. Shankar  
27/2/25

27/2/25  
Convener  
28/2/25

27/2  
HoD /S&H

27/2/2025  
Principal



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## Department of Science and Humanities

### ACADEMIC YEAR 2024 -2025 (EVEN SEM)

#### "NATIONAL SCIENCE DAY-2025"

Department of Science & Humanities, in association with 'Centre for Promotion Research' (CPR)

Mini Project Expo – 'Science for Sustainable Development Promoting Green Technologies'

06-03-2025

### Report

In view of the "National Science day" celebration, the Department of Science and Humanities, in association with 'Centre for Promotion Research' (CPR) organized **Mini-Project Expo** in the theme of 'Science for Sustainable Development Promoting Green Technologies' for the first year students of our college on 27.02.25. Dr.R.Rajendran, Secretary and Dr. J. Arputha Vijayaselvi, Principal, inaugurated the Mini Project Expo and delivered the importance of the Project Expo. About 21 Projects were displayed in this expo. Dr.R.Shankar, Asso.Prof /Mech and Dr. P.Narasimman, Asso.Prof/ EEE were acted as juries, based on the score given by the juries, the winners are short listed and given below.

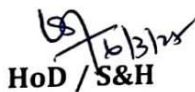
#### Winners

S.No	Name of the student	Class	Title of the mini project	RANK
1	Periyasamy M Murugesan R Santhosh V Sridharan S	I ECE B	High Tech Home	I
2	Bismeena B Swathi Sri M Saranya S Dharani Sri M	I AI & DS	DC to DC Boost Converter	II

By this Mini Project Expo, the students were gained knowledge about innovations and advancements to achieve Sustainable Development towards Promoting Green Technologies'. Finally the students expressed that, this type of Project expo was useful for improving their practical skills and also useful to do major projects in next level. During this expo, our Principal has motivated and given assurance to provide financial support for promoting their projects in the next level. The winners of this mini project expo were appreciated by certificates and memento.

The Mini Project Expo arrangement was made by the Convener Dr.S.Udayakumar, Associate Professor Department of Chemistry and Dr.K.Sooryakala, Assistant Professor Physics under the guidance of Dr.V.Sureshkumar, HoD / S & H.

  
Coordinators 6/3/25

  
HoD / S&H

  
CPR Head

  
Principal



**Glimpses of Mini-Project Expo – ‘Science for Sustainable Development Promoting Green Technologies’**

**27.02.2025**



**National Science Day Celebration**



**Welcome our Secretary**



**Welcome our Principal**



**Dr.R.Rajendran, Secretary and  
Dr.J.Arputha Vijaya Selvi, Principal, Inaugurating  
the Mini Project Expo**



**Students explain their projects to Secretary and Principal**







**Students explain their projects to Secretary**



**Students explain their projects to Principal**



**Juries asking question about the project**



**Our Students Actively Participated in Expo**



**Our Principal Motivated with encouraging words**



*[Signature]* 6/3/25  
*[Signature]* 6/3/25  
**Coordinators** 6/3/25

*[Signature]* 6/3/25  
**HoD / S&H**

*[Signature]* 6/3/25  
**CPR Head**

*[Signature]* 6/3/25  
**Principal**