



ECO CLUB

Introduction

An **Eco Club** is a student or community - driven group that focuses on promoting environmental awareness, sustainability, and eco-friendly practices. These club aim to engage individuals, particularly the younger generation, in understanding and addressing key environmental challenges such as pollution, climate change, and resource depletion. Through activities and projects, Eco clubs encourage responsible behavior, inspire green initiatives, and work towards creating a positive impact on the environment.

Vision

The vision of the Eco Club at K.S.R College of Engineering is "To build a sustainable and Eco - conscious community where individuals are motivated to take action in protecting and preserving the environment, fostering a future where nature and humanity thrive together." This vision helps guide the goals, activities, and direction of the Eco Club, ensuring that its members are united in working towards a healthier planet and a more sustainable world.

Objectives

- Eco clubs educate their members and the wider community about environmental issues like climate change, pollution, resource depletion, and biodiversity loss.
- They advocate for sustainable living practices, such as energy conservation, waste reduction, recycling, and sustainable agriculture.
- Members of Eco clubs typically engage in practical activities like tree planting, clean-up drives, reducing plastic use, and creating green spaces.
- Eco clubs often raise awareness about local and global environmental issues through campaigns, social media outreach, and community events.

Members of Eco Club @ KSRCE

S.No	Name of Faculty & Designation	Position
1	Dr. M. Venkatesan, Dean	Convener
2	Dr. R. Nandakumar, Vice Principal	Co - Convener
3	Mrs. T. Brindha, AP/ Chemistry	Faculty Coordinator
4	Mrs.P.Shanmugapriya AP/ Chemistry	Faculty Coordinator

List of Activities

S.No	Name of the Activity	Date
1.	Club Inauguration	28.09.2024
2.	Solid Waste Management	26.10.2024
3.	Inaugural Function of Plantation of 10000 Tree Saplings	09.11.2024
4.	10000 Tree Saplings Plantation Drive	23.11.2024
5.	Group Discussion About Environmental Issues	08.02.2025
6.	Sustainability Visit	22.02.2025
7.	Guest Lecture Program on Lifecycle Assessment	08.03.2025
8.	Photovoltaic System Maintenance	22.03.2025

Event - 1: Club Inauguration

Date: 28.09.2024, Time: 1.30 pm. Venue: Chemistry Laboratory (Uranus Block)

The poster features a blue background with a large graphic of a globe surrounded by green leaves and branches. At the top left is the KSR College of Engineering logo, which includes a stylized orange flame icon. To the right of the logo, it says 'KSR College of Engineering'. In the top right corner, there are accreditation logos for NAAC (A++) and NBA (Accredited Programmes), with the text 'AN AUTONOMOUS INSTITUTION' below them. The central text reads 'ECO CLUB Organizes INAUGURATION OF ECO CLUB'. Below this is a large graphic of a globe with green leaves and branches. At the bottom, there is a white banner with a calendar icon, the text 'ON SATURDAY SEPTEMBER 28, 2024', a clock icon, the text 'STARTS AT 01.30 PM', a location pin icon, and the text 'VENUE CHEMISTRY LAB, URANUS BLOCK'. On the right side of the banner, there is a small graphic of the Sustainable Development Goals (SDGs) and the text 'KSRCE SUPPORTS THE SUSTAINABLE DEVELOPMENT GOALS'. At the very bottom, there is a blue bar with social media icons for X, Instagram, and LinkedIn, followed by the text '/ksrceofficial', and an orange bar with the website 'www.ksrce.ac.in'.

KSR College of Engineering

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ECO CLUB
Organizes
INAUGURATION OF ECO CLUB

ON SATURDAY
SEPTEMBER 28, 2024

STARTS AT
01.30 PM

VENUE
CHEMISTRY LAB,
URANUS BLOCK

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K.S.R College of Engineering celebrating the concept for the inauguration of an Eco Club is designed to create a sense of excitement and involvement, while also providing education and inspiration around environmental issues. The event is structured to engage the audience, build community, and formally kick off the Eco Club's activities, with a focus on sustainability, practical action, and long-term impact.



Event - 2: Solid Waste Management

Date: 26.10.2024

Time: 1.30 pm

Venue: Venus Block

The poster features the KSR College of Engineering logo at the top left, with accreditation details (NAAC A++, NBA ACCREDITED PROGRAMMES) and the text 'AN AUTONOMOUS INSTITUTION' at the top right. The central graphic shows an illustration of people sorting waste into bins labeled 'ORGANIC' and 'PLASTIC'. The text 'ECO CLUB Organizes' is above the main title 'SOLID WASTE MANAGEMENT'. At the bottom, it states the event is on Saturday, October 26, 2024, starting at 01.30 PM, at the Chemistry Laboratory-1, Uranus Block (F Block), First Floor, KSRCE. It also includes social media handles and the website www.ksrce.ac.in.

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SOLID WASTE MANAGEMENT

ON SATURDAY
OCTOBER 26, 2024

STARTS AT
01.30 PM

VENUE
CHEMISTRY LABORATORY-1,
URANUS BLOCK (F BLOCK)
FIRST FLOOR, KSRCE.

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Solid Waste Management is the collection, treatment, and disposal of solid materials discarded by households, business and industries. It aims to reduce waste, recycle materials protect the environment and ensure public health Waste Classification Solid waste can be classified into several categories, including biodegradable, non-biodegradable recyclable, and hazardous waste



Event - 3: Inaugural Function of Plantation of 10000 Tree Saplings

Date: 09.11.2024

Time: 09.30am

Venue: C.V. Raman Block

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INAUGURAL FUNCTION OF
PLANTATION OF 10000 TREE SAPLINGS

OLIRUM ERODU
foundation
வலிம எரோடு அடிப்படை

Bhumi

TREE PLANTATION DRIVE

ON SATURDAY
NOVEMBER 9, 2024

STARTS AT
10.00 AM

VENUE
KSRCE CAMPUS

✕ @ in /ksrceofficial

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K.S.R College of Engineering organized a special inaugural function for the plantation of tree saplings aims to launch a community-driven environmental initiative to plant and nurture trees, contributing to sustainability, enhancing green cover, and raising awareness about the importance of trees in mitigating climate change. The event will also serve as a call to action, encouraging local residents, students, and volunteers to take part in preserving the environment.



Event - 4: 10000 Tree Saplings Plantation Drive

Date: 23.11.2024

Time: 10.30am

Venue: KSRCE CAMPUS

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ECO CLUB
Organizes

10000 TREE SAPPLINGS PLANTATION DRIVE

PLANTING 200 TREE SAPPLINGS
In association with

SAKTHI MASALA | **Rotary Club of Erode** | **Rotary Club of Erode North** | **JCI Erode Super Kings** | **Bhumi**

Chief Guests

Rtn. Dr. TG. RAMAMOORTHY
ENT Surgeon
Founder - Erode Akkarai Forum

Rtn. P.M. SIVASHANKARAN
Managing Director
The Oasis Restaurant & Banquet Halls - Erode.

ON SATURDAY
NOVEMBER 23, 2024

STARTS AT
10.30 AM

VENUE
KSRCE CAMPUS

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Trees are the lungs of our planet, vital for absorbing carbon dioxide, releasing oxygen, and maintaining the balance of ecosystems. With deforestation, urbanization, and climate change threatening our environment, it's more crucial than ever to take action. Our *10,000 Tree Saplings Plantation Drive* is a call to all community members, nature enthusiasts, and environmental advocates to come together and plant 10,000 saplings to help restore our local ecosystem and fight the climate crisis.



Activity Report - 5

Name of the Programme	Group Discussion About Environmental Issues		
Date & Time	08/02/2025 & 1.30 pm	Venue	Uranus Block
Topic	Biodiversity loss and wildlife protection	Total Number of Club Members	77
		Number of Beneficiaries	68
About Programme / Activity	<p>Opening Statement: "Today, we are discussing the environmental issues that surround tree plantation programs, and how these initiatives can address various global environmental challenges."</p> <p>Key Environmental Issues Addressed by Tree Plantation</p> <p>Air Pollution: Trees act as natural air filters, absorbing pollutants and releasing oxygen. A large tree plantation could help improve the air quality, especially in cities with high pollution levels.</p> <p>Biodiversity Loss:</p> <p>Planting trees can help restore habitats for a wide range of species, preventing the loss of biodiversity, especially in urbanized or deforested areas.</p> <p>Solutions and Strategies for Overcoming Challenges:</p> <p>Innovative Planting Techniques:</p> <p>Using techniques like hydroponics or vertical gardens can help plant trees in areas with limited space, especially in cities. Drones ad Aerial surveillance</p> <p>Drones can assist in large-scale plantation drives by surveying areas and assessing the best locations for planting trees, especially in remote regions</p>		



ECO CLUB

Organizes



GROUP DISCUSSION ABOUT ENVIRONMENTAL ISSUES



ON SATURDAY
FEBRUARY 08, 2025



STARTS AT
02.00 PM



VENUE
URANUS BLOCK

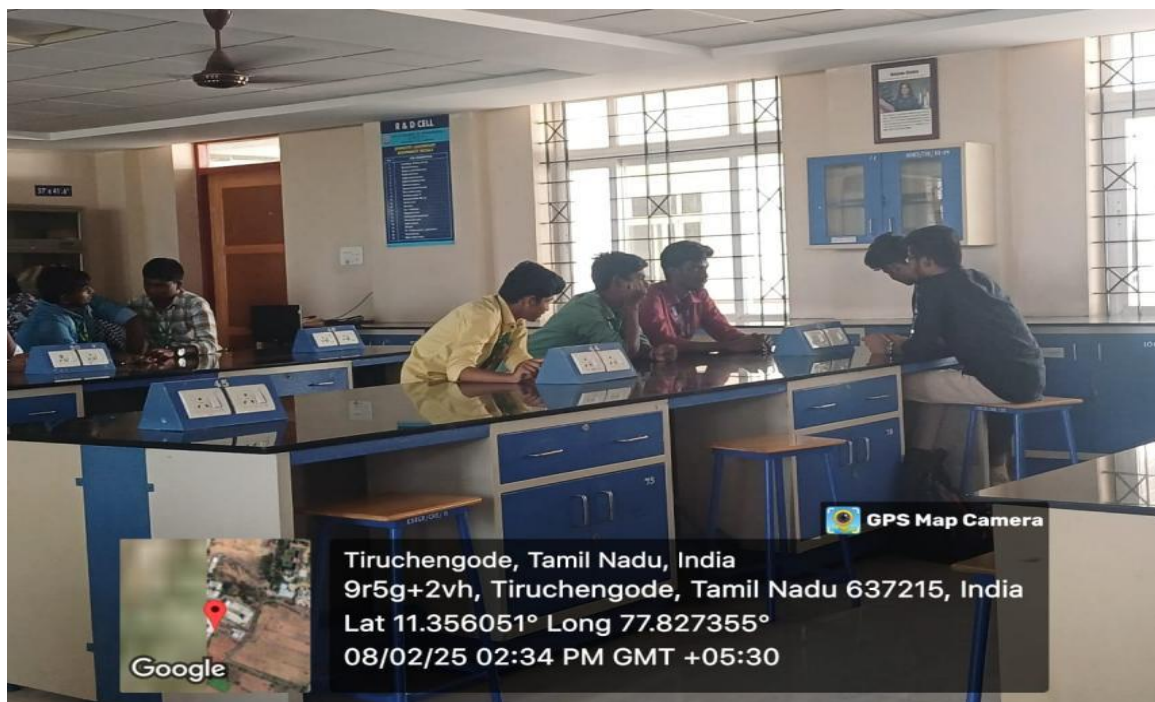
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Activity Report - 6

Name of the Programme	Sustainability Visit		
Date & Time	22/02/2025 & 1.30 pm	Venue	Uranus Block
Topic	Water Conservation and Management	Total Number of Club Members	78
		Number of Beneficiaries	62
About Programme / Activity	<p>A Sustainability Visit Activity as part of a program generally involves organizing visits to places or organizations that actively practice sustainability. This type of activity can be both educational and engaging, offering participants real-world examples of how sustainability is being implemented in various sectors.</p> <p>Here are some examples,</p> <p>Tour of a Sustainable Farm or Agricultural Facility</p> <ul style="list-style-type: none"> • Purpose: Learn about sustainable farming practices such as organic farming, agroforestry, water conservation techniques, and waste reduction in agriculture. <p>Waste Management Facility Tour</p> <ul style="list-style-type: none"> • Purpose: Understand how waste is being managed sustainably, from recycling and composting to zero-waste practices. Participants can see first-hand how waste diversion is achieved. <p>Visiting a Green Building or Eco-Friendly Facility</p> <ul style="list-style-type: none"> • Purpose: Explore buildings or facilities designed with green architecture principles. Participants can learn about energy-efficient designs, water conservation systems. 		



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SUSTAINABILITY VISIT



ON SATURDAY
FEBRUARY 22, 2025



STARTS AT
01.30 PM



VENUE
URANUS BLOCK

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22/02/25 02:36 PM GMT +05:30



Namakkal, Tamil Nadu, India
Mess, Tamil Nadu 637215, India
Lat 11.360507° Long 77.825102°
22/02/25 02:36 PM GMT +05:30

Activity Report - 7

Name of the Programme	Guest Lecture Program on Lifecycle Assessment		
Date & Time	08/03/2025&1.30 pm	Venue	Uranus Block
Topic	A Pathway to Sustainable Development	Total Number of Club Members	78
		Number of Beneficiaries	68
About Programme / Activity	<p>A Pathway to Sustainable Development” highlights that LCA is not just a technical analysis—it's part of a bigger vision for a greener, more sustainable future.</p> <p>Objectives of the Activity:</p> <ol style="list-style-type: none"> 1. To create awareness about environmental sustainability and the importance of LCA. 2. To explain the basic principles, steps, and standards of LCA 3. To showcase real-world applications of LCA in industry and research. 4. To encourage students to think critically about eco-friendly design and resource management. 		



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GUEST LECTURE PROGRAM ON



LIFECYCLE ASSESSMENT



**ON SATURDAY
MARCH 08, 2025**



**STARTS AT
1.30 PM**



**VENUE
Uranus Block**



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ALLIED HEALTH SCIENCE | NURSING | PHARMACY | TEACHER EDUCATION | SCHOOLS
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Activity Report - 8

Name of the Programme	Photovoltaic System Maintenance		
Date & Time	22/03/2025&1.30 pm	Venue	C -Block (MCA Block)
Topic	Professional Service	Total Number of Club Members	78
		Number of Beneficiaries	64
About Programme / Activity	<p>Photovoltaic System Maintenance program is designed to ensure that the system operates efficiently, remains reliable, and maximizes its lifespan. This typically involves routine inspections, cleaning, monitoring, and repairs as necessary, often following a predefined schedule.</p> <p>Objective of a PV System Maintenance Program</p> <p>Ensure Optimal Performance: The program is designed to keep the system working at maximum efficiency, preventing energy production losses.</p> <p>Extend System Lifespan: Regular maintenance helps in avoiding costly repairs and replacements, ensuring the system lasts longer.</p> <p>Compliance with Manufacturer Recommendations: Adhering to the manufacturer's guidelines and warranties for regular maintenance is essential to avoid voiding any warranties.</p> <p>Safety and Reliability: A maintenance program helps ensure the system operates safely, minimizing the risks of electrical faults or system failures.</p>		



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ECO CLUB



Organizes

PHOTOVOLTAIC SYSTEM MAINTENANCE



ON SATURDAY
MARCH 22, 2025



STARTS AT
1.30 PM



VENUE
C Block (MCA Block)



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