

**Ramco Institute of Technology
Rajapalayam
Eco Club**

Consolidated Report for the Academic Year 2023-2024

World Environmental Day 2023- 5.6.2023

Awareness Painting “Nature Artsy”

Eco Club, RIT-Photography Club and Tamil Mandrum of Ramco Institute of Technology organized World Environment Day 2023 Events like Awareness Painting “Nature Artsy” and Art from waste “Er Recycled”. Four participants submitted their awareness painting and 2 participants submitted their arts. Participants were encouraged with certificates.

Awareness painting “Nature Artsy”

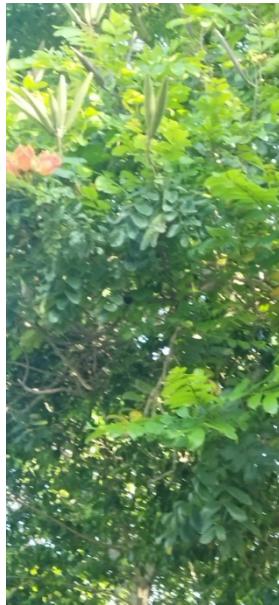


Art from waste “Er Recycled”

Ramco Institute of Technology
Rajapalayam
Eco Club
World Environmental Day 2023-5.6.2023
Nature Walk

Eco Club of Ramco Institute of Technology organized Nature Walk on 24.05.2023 at 7.00-8.40 am. Mr. R. Ramkumar, III Year Mechanical Engineering explained about the iNaturalist App, importance of the event and identification of different species. Students actively participated. In this event, many different types of trees and identification of plants using structure of leaves, different types of birds and their identification depends upon the wings' action, different types of butterflies and their identification using design of the wings, etc.,





Ramco Institute of Technology
Rajapalayam
Eco Club
Tree Tales – 25.06.2023

Tree Tales was organized by Wild Earthlings under ROAR Association in Rajapalayam Rajus' College, Rajapalayam on 25.6.2023 at 7.30 am -11.00 am. Mr. R. Ramkumar, IV Mechanical Engineering from Eco Club of our college attended in this event. Mr. Vivek member of ROAR association of Rajapalayam coordinated this event.

Walking with Butterflies – 9.7.2023

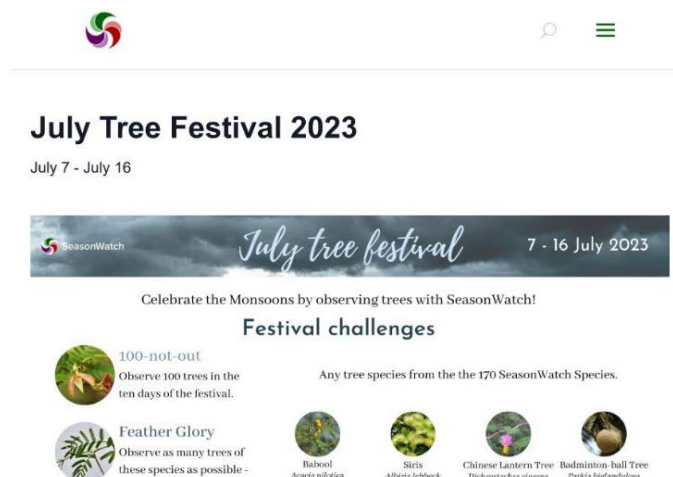
Walking with butterflies was organized by Wild Earthlings under ROAR Association of Rajapalayam and Eco Club of RIT in Ayyanar Kovil, Rajapalayam on 9.7.2023 at 7.35-10.30 am. 21 students from our college participated in this event. 19 butterflies were observed in this event.



Ramco Institute of Technology
Rajapalayam
Eco Club

July Tree Festival 2023 through Season Watch App - 13.7.2023-16.07.2023

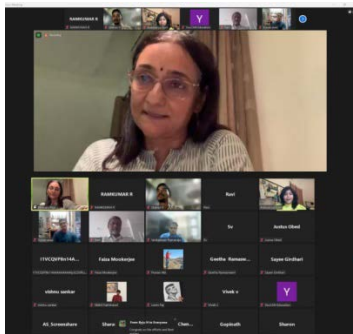
Eco Club of Ramco Institute of Technology organized "July Tree Festival 2023" through SeasonWatch App from 14.07.2023 to 16.07.2023. 12 students participated in this event. Students have observed some trees and uploaded them to the App. They knew well about the regular and casual trees and their growth through this event.



Ramco Institute of Technology
Rajapalayam
Eco Club

Online Meet “Tree Pamphlet Launch” – 19.07.2023

Online Meet “Tree Pamphlet Launch” was organized by Wild Earthlings under ROAR Association in Rajapalayam on 19.07.2023 at 4.00 pm – 5.00 pm. Our Chairman Madam Mrs. Nirmala Raja gave the talk about importance of trees and Launched Tree Pamphlet for participants. Mr. R. Ramkumar, IV Mechanical Engineering from Eco Club of our college attended in this event. Mr. Sharan member of ROAR association of Rajapalayam coordinated this event.



National Moth Week 2023 – 22.7.2023-29.7.2023

Moth Event – 27.7.2023

Eco club of Ramco Institute of Technology organized moth event on 27.07.2023 from 9 pm - 10.45 pm on account of National Moth Week 22.7.2023 - 29.07.2023. Mr. V. Vivek, AP/CSE and member of ROAR Assocation and Mr. Vishnu sankar, member of ROAR Association explained about the basics of moth, its habitat and diversities. Then, students are observed moths in the screen. 22 students of our college actively participated in this event. 2 students from Rajapalayam Raju's College also actively participated in this event. 6 distinct moth species and common moth species are identified on this event.

Forest Bird Walk - 20.8.2023

Forest Bird Walk was organized by Wild Earthlings under ROAR Association in Katalagar Waterfalls, Senbagathoppu Grizzled Squirrel Sanctuary, Srivilliputhur on 20.8.2023 at 7.30 am - 11.00 am. Mr. R. Ramkumar and Mr. G. Karthikeyan, IV Mechanical Engineering from Eco Club of our college attended in this event. Mr. Vivek and Mr. Vishnu Sankar, members of ROAR association of Rajapalayam coordinated this event. In this event, 24 birds observed.

**Ramco Institute of Technology
Rajapalayam
Eco Club**

Wetland Bird Walk – 8.9.2023

Wetland Bird Walk was organized by Wild Earthlings under ROAR Association in 6 th mile dam, Rajapalayam on 8.9.2023 at 7.00-9.30 am. Mr. R. Ramkumar, IV Mechanical Engineering from Eco Club of our college attended in this event. Mr. Vivek and Mr. Vishnu Sankar, members of ROAR association of Rajapalayam coordinated this event.

Walking with Butterflies – 10.9.2023

Walking with butterflies was organized by Wild Earthlings under ROAR Association in 6th mile dam, Rajapalayam on 10.9.2023 at 7.35-10.30 am. 2 students from Eco Club of our college participated in this event. Mr. Vivek, member of ROAR association of Rajapalayam explained about the life cycle of butterflies, host plant of butterflies, breeding processes of butterflies to the students. In this event, we watched and observed the 19 butterflies.

Ramco Institute of Technology

Eco Club

Walking with Butterflies – 24.9.2023

Walking with butterflies was organized by Wild Earthlings under ROAR Association in Senbagathoppu, Srivilliputhur on 24.9.2023 at 7.35-10.30 am. Mr. R. Ramkumar from Eco Club of our college participated in this event. Mr. Vivek, member of ROAR association of Rajapalayam explained about the life cycle of butterflies, host plant of butterflies, breeding processes of butterflies to the students. In this event, the members watched and observed the 18 butterflies.



Ramco Institute of Technology
Eco Club
Student Induction Programme 2023
Creative Practices

Branch / Section	I Year Civil Engineering
Date, Time & Venue	21.9.2023 1.30-2.20 pm
Topic of the Event / Program	Creative Practice: Eco Club
Brief Report of the event / Program with 2 photos	Creative Practices organized by eco club office bearers for I Year Civil Engineering on 21.9.2023 from 1.30-2.20 pm. The members explained details about the club, activities and events conducted by club. Art and craft using newspapers and Dumb Charade organized for the students. Students interacted well. Finally office bearers collected willingness for joining eco club.
Name of the Faculty incharge (Mentioned as Responsible person in SIP schedule 2023-24)	Dr. N. Revathi
Branch / Section	I Year CSE-B
Date, Time & Venue	22.9.2023 1.30-2.20 pm
Topic of the Event / Program	Creative Practice: Eco Club
Brief Report of the event / Program with 2 photos	Creative Practices organized by eco club office bearers for I Year CSE-B on 22.9.2023 from 1.30-2.20 pm. The members explained details about the club, activities and events conducted by club. Art and craft using newspapers and Dumb Charade organized for the students. Students interacted well. Finally office bearers collected willingness for joining eco club.

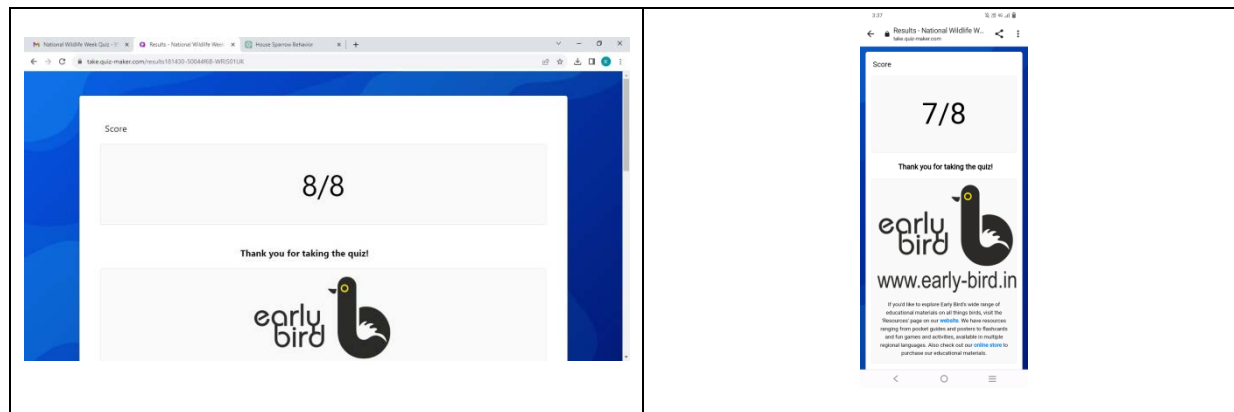


Name of the Faculty incharge (Mentioned as Responsible person in SIP schedule 2023-24)	Dr. N. Revathi
Branch / Section	I Year AI & DS-A
Date, Time & Venue	23.9.2023 1.30-2.20 pm
Topic of the Event / Program	Creative Practice: Eco Club
Brief Report of the event / Program with 2 photos	Creative Practices organized by eco club office bearers for I Year AI & DS-A on 23.9.2023 from 1.30-2.20 pm. The members explained details about the club, activities and events conducted by club. Art and craft using newspapers and Dumb Charade organized for the students. Students interacted well. Finally office bearers collected willingness for joining eco club.
Name of the Faculty incharge (Mentioned as Responsible person in SIP schedule 2023-24)	Dr. N. Revathi
Branch / Section	I Year IT
Date, Time & Venue	25.9.2023 1.30-2.20 pm
Topic of the Event / Program	Creative Practice: Eco Club

Brief Report of the event / Program with 2 photos	Creative Practices organized by eco club office bearers for I Year IT on 25.9.2023 from 1.30-2.20 pm. The members explained details about the club, activities and events conducted by club. Art and craft using newspapers and Dumb Charade organized for the students. Students interacted well. Finally office bearers collected willingness for joining eco club.
Name of the Faculty incharge (Mentioned as Responsible person in SIP schedule 2023-24)	Dr. N. Revathi

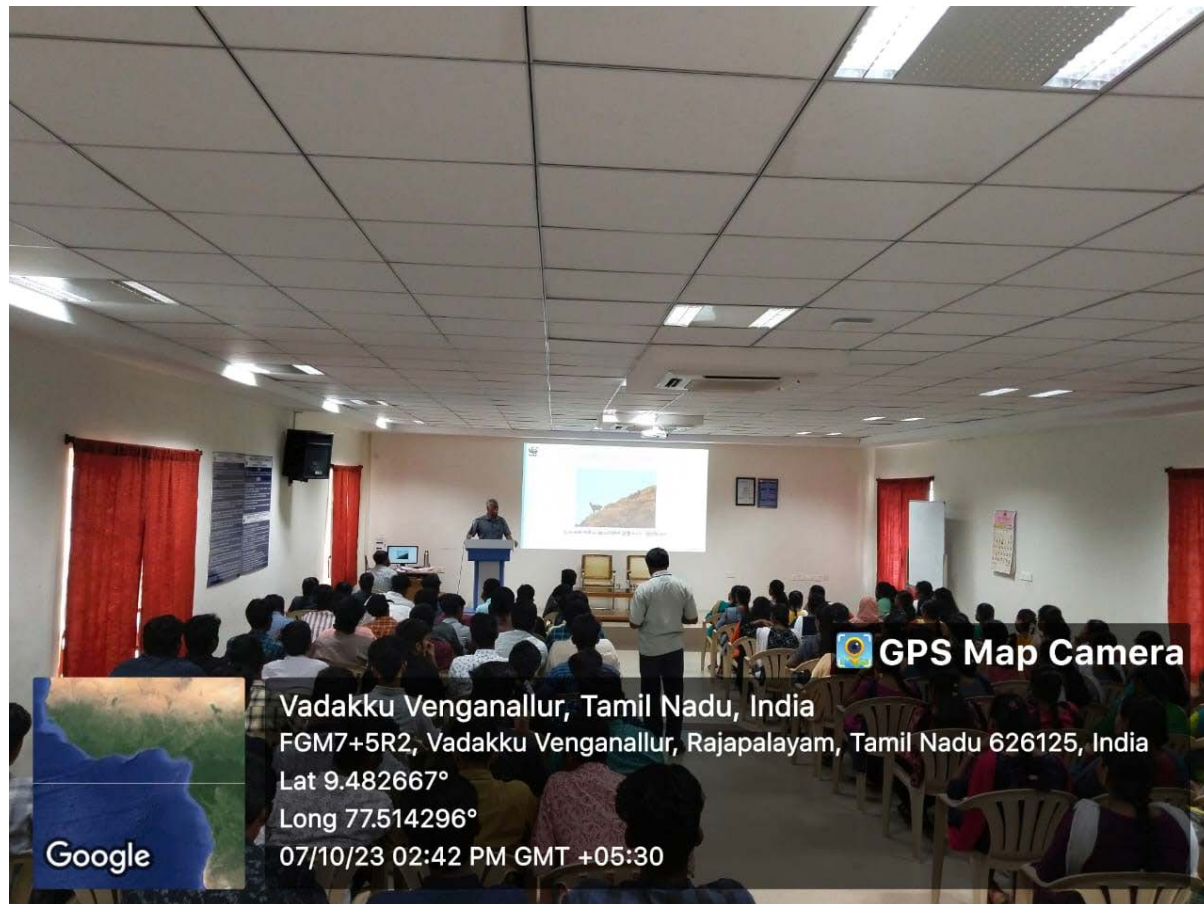
National Wildlife Week 2023
Quiz on Indian Birds
National Wildlife Week 2023 – Quiz – 3.10.2023

On behalf of celebration of National Wildlife Week 2023, Eco club of RIT conducted quiz on Indian birds on second day of the week (3.10.2023) for students through online. 27 students actively participated in this quiz and got their knowledge about the Indian birds and their habitats.



Awareness Programme on “Nilgiris Tar” – 7.10.2023

Eco Club and Rotaract Club of Ramco Institute of Technology (RIT), World Wildlife Fund, Tamil Nadu Forest Department and Wildlife Association of Rajapalayam (WAR) have celebrated National Wildlife Week 2023. On behalf of this week, a guest lecture on “Awareness about Nilgiris Tar” organized in our college on 7.10.2023 at 2.20 pm in Civil Seminar Hall for the celebration of Nilgiris Tar Day (7.10.2023). Mr. T. S. Subramaniya Raja of WAR presented and discussed about Nilgiris Tar which is endangered species identified by IUCN. Around 120 first year students from Artificial Intelligence and Data Science and Computer Science and Business Systems actively participated in this awareness programme and interacted with the speaker effectively.





Wetland Bird Walk – 8.10.2023

Wetland Bird Walk was organized by Wild Earthlings under ROAR Association in 6th mile dam, Rajapalayam on 8.10.2023 at 7.35-10.30 am. 48 students from Eco Club of our college participated in this event. Mr. Vivek, member of ROAR association of Rajapalayam explained about birds, identification of birds, their breeding and migration processes to the students. In this event, we watched and observed the following 42 species.

1. Copper Smith Barbet
2. Orentail Honey Bazzar
3. Purple Heron
4. Black Headed Oriole
5. Green Bee Eater
6. Black Drongo
7. Red Rumbed Swallow
8. Barn Swallow
9. Asian Palm Sift
10. Tailor Bird
11. Blue Tailed Bee Eater
12. Purple Sun Bird
13. Spotted Dove
14. Baya Weaver
15. Rose Ringed Parkeet
16. Ashy Prina
17. Peafowl
18. Indian Robin
19. Tri Colour Munia
20. White Throated Kingfisher
21. Eurasian Coller Dove
22. Red Vented Bulbul
23. Little Cormanent
24. Paddy Field Pitpit
25. Shikara
26. Bishlark
27. Cattle Egret
28. Black Winged Kite
29. Common Myna
30. White Brod Bulbul
31. Red Waltted Laping
32. Black Winged Stilt
33. Grey Heron
34. Painted Stroke
35. Intermediate Egret
36. Red Napped Ibis
37. White Brownd Wagtail
38. Little Grebe
39. Spoon Bill
40. Yellow Waltted Laping

- 41. House Crow
- 42. Yellow Billed Babbler





Ramco Institute of Technology

Eco Club

Tree Walk – 15.10.2023

Tree Walk was organized by Wild Earthlings under ROAR Association in P. A. C. R Polytechnic College, Rajapalayam on 15.10.2023 at 7.30 am -11.00 am. Mr. R. Ramkumar, IV Mechanical Engineering from Eco Club of our college attended in this event. Mr. Vivek member of ROAR association of Rajapalayam coordinated this event.



Ramco Institute of Technology

Eco Club

Wet Land Bird Walk – 5.11.2023

Wetland Bird Walk was organized by Wild Earthlings under ROAR Association in 6th mile dam, Rajapalayam on 5.11.2023 at 7.35-10.30 am. Mr. R. Ramkumar, IV Mechanical Engineering from Eco Club of our college attended in this event. Mr. Vivek member of ROAR association of Rajapalayam coordinated this event.



Ramco Institute of Technology

Eco Club

Spider Walk – 19.11.2023

Spider Walk was organized by Wild Earthlings under ROAR Association in the near Rakachi Amman Kovil, Rajapalayam on 19.11.2023 at 7.35-10.30 am. Mr. R. Ramkumar, IV Mechanical Engineering from Eco Club of our college attended in this event. Mr. Vivek member of ROAR association of Rajapalayam coordinated this event.

Intercollegiate Elephant Festival

Guest Lecture on Conflict between Human Beings and Elephants

The Eco Club and RIT Photography Club of Ramco Institute of Technology organised an intercollegiate elephant festival with the theme of elephant-human conflict on November 24, 2023. Chief guest Dr. Asraf, Chief Advisor, and Veterinarian, WTI, presented about the conflict between human beings and elephants carried out by an increase in population and the conversion of forest areas into agricultural lands. Various events like multimedia presentations, drawing competitions, and project expos are also conducted at this festival. College students from Virudhunagar district participated. Nearly 120 participants actively participated in this festival. Winners were awarded gifts and certificates.

Ramco Institute of Technology

Eco Club

Tree Survey – 8.12.2023

Eco Club of Ramco Institute of Technology organized Tree Survey on 8.12.2023 at 4.10-5.00 PM in our campus. 57 students from I Year CSBS participated in this event. 15 trees identified.





**Ramco Institute of Technology
Eco Club
7th Karnataka Butterfly & Bee Festival 2023-**

Expert Talk on “Butterfly Stories: What Scientists have learned about the world’s favorite insect”

7th Karnataka Butterfly & Bee Festival 2023- Expert Talk on “Butterfly Stories: What Scientists have learned about the World’s Favorite Insect” organized by Karnataka Forest Department, Government of Karnataka on 21.12.2023 at 7 pm - 8 pm. 5 members from our college attended the talk and gained knowledge about the relation between science and butterfly.

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Zoom

Leave

REC LIVE

What happens when butterflies are introduced to new habitats?

Euphydryas gillettii – Gillette's Checkerspot

Ravikantachari et al., in review

74 Participants

2 Chat

Reactions

Share

Whiteboards

Apps

Zoom Meeting Interface

Participants (69)

Find a participant

Participants:

- NU Namratha Urs
- Narjis Damani LuckyNajm
- RD Rekha Deshmukh
- SS Sumanth S
- DC Dipanwita Chakraborty

Buttons: Invite, Unmute

Meeting Chat

Sangeeta Jain to Everyone 07:25 PM

How is the population balanced given there are no natural predator for Checkerspot

Who can see your messages? Recording On

to: Everyone

Type message here...

Unmute Start Video Participants Share Screen Chat Record More Leave

Introducing butterflies can make plants produce more seeds

Diagram illustrating the relationship between introduced butterflies and plant seed production:

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graph TD
    A["# of shoots in 2004"] -- "0.0092***" --> B["Plant volume in 2005"]
    A -- "0.0087***" --> C["Number of webs in 2004"]
    C -- "0.58***" --> D["Number of seeds in 2005"]
    B -- "0.18*" --> D
    B -- "0.005***" --> D
  
```

Ravikanthachari et al., in review

Ramco Institute of Technology

Eco Club

Nature Walk – 31.12.2023

Nature Walk was organized by Wild Earthlings under ROAR Association in Pandhalkudi Mines, Virudhunagar on 31.12.2023. Mr. R. Ramkumar, IV Mechanical Engineering from Eco Club of our college attended in this event. Mr. Sharan and Mr. Vivek members of ROAR association of Rajapalayam coordinated this event. Mr. Ramkumar received a badge and certificate of participation for continuous involvement in the participation of events.

Wetland Bird Walk – 14.01.2024

Wetland Bird Walk was organized by Wild Earthlings under ROAR Association in Pandhalkudi Mines, Virudhunagar on 14.01.2024 at 6th Mile Dam, Rajapalayam from 6.30 am to 8.30 am. Mr. R. Ramkumar, IV Mechanical Engineering from Eco Club of our college attended in this event. Mr. Sharan and Mr. Vivek members of ROAR association of Rajapalayam coordinated this event.

தமிழர் திருநாள் கொண்டாட்டம் – 13.1.2024-17.1.2024

ராம்கோ இன்ஸ்டிடியூட் ஆப் டெக்னாலஜி கூடுதல் பாடத்திட்ட செயல்பாட்டின் ஒரு பகுதியாக, தமிழ் மன்றம், சுற்றுச்சூழல் சங்கம் மற்றும் புகைப்படச்சங்கங்கள் இணைந்து 13.01.2024 முதல் 17.01.2024 வரை “தமிழர் திருநாள் கொண்டாட்டம்” என்ற தலைப்பில் “கோலப்போட்டி” மற்றும் “பொங்கல் கொண்டாட்டம்” ஆகிய நிகழ்வுகளை ஏற்பாடு செய்தது. நிகழ்ச்சியில் 10 மாணவர்கள் மற்றும் ஆசிரியர்கள் ஆர்வத்துடன் கலந்து கொண்டு தங்களது புதுமைகளை கோலம், புகைப்படம் மற்றும் காணொளி மூலம் பகிர்ந்து கொண்டனர். சிறந்த கோலங்கள், புகைப்படங்கள் மற்றும் காணொளிகள் தேர்வு செய்யப்பட்டு சான்றிதழ்களுடன் பாராட்டப்பட்டது.





National Energy Literacy Week - 15 - 20 January 2024
Energy Swaraj Foundation – Online Pledge

Eco Club of Ramco Institute of Technology organized National Energy Literacy Week 15.1.2024-20.1.2024. In this programme, online pledge was conducted among students, faculty members and supporting staff members through online mode. 35 participants participated and took pledge for saving earth and energy.

