



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Pondicherry University

Accredited by NBA & NAAC 'A' Grade

Kalitheerthalkuppam, Puducherry - 605107

Accredited by



SDG-14 ACTIVITIES

ACADEMIC YEAR 23-24

S.NO	TITLE OF THE PROGRAM	DATE OF TE PROGRAM	TARGET AUDIENCE	OUTCOME
1	Marine Shore Cleaning	23.2.2024	1. School Students 2. MVIT students 3. General Public	Marine Shore Cleaning: Enhanced environmental responsibility and active participation in protecting marine ecosystems among participants.
2	Creating Awareness Among School Students about SDG-14	16.2.2024 & 17.2.2024	School Students	Awareness Program on SDG-14 for School Students: Increased understanding of ocean conservation and inspired youth involvement in achieving sustainable marine life goals.

SDG-14 Coordinator

SDG Chief Coordinator



MANAKULA VINAYAGAR **INSTITUTE OF TECHNOLOGY**

Approved by the AICTE, New Delhi - Affiliated to Pondicherry University
Accredited by NAAC WITH 'A' Grade and NBA (National Board of Accreditation)
Kaliheerthalkuppam, Puducherry - 605 107
Ph: 0413 2643007 / Website: www.mvit.edu.in



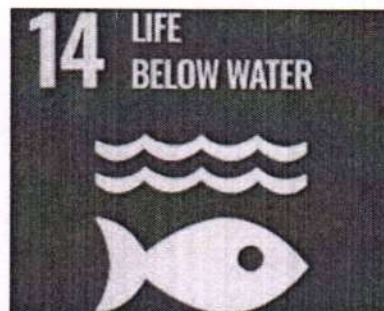
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

In association with

Keep Namma Pondy Clean Organization

SDG -14 Activities

Life Below Water



“Marine Shore Cleaning”

23.2.2024

Coordinators

Mr. V. Rajesh, AP/ECE

Dr. R. Sofia, AP/ECE

Dr. S. ARUNMOZHI, M.Tech, Ph.D.
Professor & Head of the Department
Electronics and Communication Engineering
Manakula Vinayagar Institute of Technology
Kaliheerthalkuppam, Puducherry.

Puducherry
13.02.2024

From

Mr. V. Rajesh, Dr. R. Sathya
AP/11/P
Department of Electronics and Communication Engineering
Manakula Vinayagar Institute of Technology
Mr. R. Vijayaraghavan
HOD/ECE
Department of ECE
Manakula Vinayagar Institute of Technology

To

The Head of Department
Department of Electronics and Communication Engineering
Manakula Vinayagar Institute of Technology

Respected Sir,

Sub: Marine Cleaning Activity (EC)

On behalf of our department we have planned for a Program "Marine Cleaning" related to SDG-14 "Life Below Water" on 23.02.2024 in Guindy Beach, Puducherry. We humbly request you to give permission for the below listed students to attend the Marine cleaning activity by providing On-duty for them. It will be helpful for us for the smooth conduction of the event. And we assure you that they will write the internal exam which is going to be held on 23.02.2024 by 27.2.2024. Below is the Name list of the students.

S.No	Reg.No	Name of the students	DEPT/ YEAR/ SEC
1.	21TC0169	RAGAPRIYA.P	ECE/III/B
2.	21TD0135	KBERTHIGA.V	ECE/III/B
3.	21TC0108	HARSHA GHEMALATHA	ECE/III/B
4.	21TC0108	ARUN.S	ECE/III/B
5.	21TC0179	ROHITASHI.W.A.P	ECE/III/B
6.	21TC0208	THARANIDHARAN	ECE/III/B
7.	21TC0173	RAJALAKSHMI.R	ECE/III/B
8.	21TC0128	HARISH.V	ECE/III/B
9.	21TC0149	MOHAMMED SULAIMAN	ECE/III/C
10.	22TC0191	HARINIE	ECE/III/C
11.	22TC0198	HARISHIDHA.M	ECE/III/C
12.	22TC0230	MATHEW SAMUEL	ECE/III/C
13.	22TC0200	HERESH.M	ECE/III/C
14.	22TCL008	MUBERNARAFATHI.J	ECE/III/C
15.	22TC0247	NARESH KUMAR.S	ECE/III/B



16	221C0179	SARATHA A H	ECT 00B
17	221C0180	ASHWIN R	ECT 00B
18	221C0181	GOWTHAM RAAL H	ECT 00B
19	221C0182	VI ANB ZHAN M	ECT 00B
20	221C0183	MURAMATHY P	ECT 00B
21	221C0184	SIVITHA H	ECT 00B
22	221C0185	THARUN A	ECT 00B
23	221C0186	RAJAN A	ECT 00B
24	221C0187	THANIZHARAS V	ECT 00B
25	221C0188	SOHIA T	ECT 00B
26	221C0189	HARISH KUMAR H	ECT 00B
27	221C0190	VISHNU KUMAR V	ECT 00B
28	221C0191	AKSHAY KUMAR V	ECT 00B
29	221C0192	RAMPASABH E	ECT 00B
30	221C0193	VIGNESH S	ECT 00B
31	221C0194	PURAN KUNDH H	ECT 00B
32	221C0195	SIVAPATH	ECT 00B
33	221C0196	NAVJITH KUMAR H	ECT 00B
34	221C0197	AMAR KATH	ECT 00B
35	221C0198	MOHAMMED FAZ H	ECT 00B
36	221C0199	MOHAMMED JAHIR	ECT 00B
37	221C0200	SANTHOSH KUMAR H	ECT 00B
38	221C0201	INDYAN	ECT 00B

Thanking you,

Yours faithfully,

V. G. R.
(V. G. R.)

S. S. R.
(S. S. R.)





MANAKULA VINAYAGAR
INSTITUTE OF TECHNOLOGY

Affiliated to Pondicherry University
Accredited by NBA, New Delhi and NAAC with 'A' grade
Kalitheerthakuppam, Puducherry- 605 107.



SDG - 14 Conserve and Sustainably use the Oceans,
Sea and Marine Resources for Sustainable Development

AWARENESS CAMPAIGN

(Target 14.1 & 14.2)



14 LIFE
BELOW WATER



"Preserve the Blue, Protect the Earth"

23rd Feb 2024
Time: 7.30-10 A.M

Towards the Localization of SDG-14

WIN PRIZES

Marine Cleaning Camp

Location : Serenity Beach, Puducherry.

Note: Interested Students can contact us through School Teacher

Posters on Ocean Protection are Welcome

Whatsapp Number : 78688 44498 E-Mail ID: sdg14mvit@gmail.com

Note: Posters need to be sent through the whatsapp Number or mail ID on or before 4th March 2024

Poster that was distributed among schools for Awareness Campaign about SDG-14 "Life Below Water" conducted and the camp was conducted dated on 16.02.2024 and 17.02.2024



Marine shore cleaning activity organized by MVIT and KEEP NammaPondy Clean organization on
23.02.2024

Forwarded message
From: Saravanan Saravanan <Saravanan.Saravanan@mvit.org>
Date: Tue, 20 Feb 2024, 11:38 am
Subject: Beach Clean up drive
To: 'Mannoj M. M. M.' <Mannoj.M.M.M.@gmail.com>
Cc: 'Saravanan Saravanan'

Dear Sir / Madam,

Happy Greetings from Keep NammaPondy Clean!

As you are aware that we are from Keep NammaPondy Clean is a project to ensure Clean Puducherry in collaboration with Pondicherry Municipality, Swachatha Corporation and Recity Network in Puducherry. We are aiming to make Pondicherry one of the cleanest coastal cities in India in initiating the building of a state of the art sanitation park to dispose of the waste produced in the city.

As per the discussion with you, we invite you to join the Cleanup Drive with Pondicherry Municipality on coming Friday, 23 February 2024 at serenity beach. We are looking forward to your presence and with your 50 volunteers for the Cleanup Drive. We shall provide refreshments Glow, porabags, pickers, hand-wash, water, Mask, and certificates for the volunteers.

Thanks in advance for your interest in joining the Cleanup Drive. Looking forward to your participation.

Assembling Point - serenity Beach, 7.00 am

Thank you
Kind regards
Mannoj,
Officer - Supply chain

recity

www.recity.in

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

044-26666666

Dear Sir / Madam,

Happy Greetings from Keep NammaPondy Clean!

As you are aware that we are from Keep NammaPondy Clean is a project to ensure Clean Puducherry in collaboration with Pondicherry Municipality, Swachatha Corporation and Recity Network in Puducherry. We are aiming to make Pondicherry one of the cleanest coastal cities in India in initiating the building of a state of the art sanitation park to dispose of the waste produced in the city.

As per the discussion with you, we invite you to join the Cleanup Drive with Pondicherry Municipality on coming Friday, 23 February 2024 at serenity beach. We are looking forward to your presence and with your 50 volunteers for the Cleanup Drive. We shall provide refreshments Glow, porabags, pickers, hand-wash, water, Mask, and certificates for the volunteers.

Thanks in advance for your interest in joining the Cleanup Drive. Looking forward to your participation.

Assembling Point - serenity Beach , 7.00 am

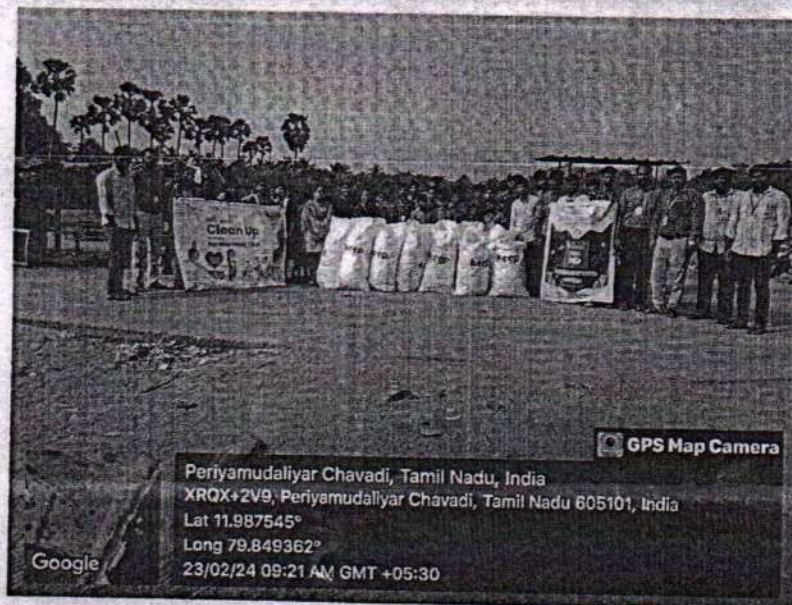
Thank you
Kind regards
Mannoj,
Officer - Supply chain,

Mail Copy from the KEEP NammaPondy clean organization stating that
they will sponsor



Before cleaning the seashore





After Cleaning the Seashore MVIT students along with school students of Amirtha Vidyalayam Names of school students attend the Marine shore cleaning activity: ASHWITHA .A VII-A, RANJANI. SVII-A, SHANUKA. BVII-A, THIYA. SVII-A, VIMAL ANAND. B VII-E, VIKNESVARAN. M VII-A, NAVINCHANDIRAN. A VII-A, DHAYASHANKAR.P VII-A, AADHISESHWAR. S VII-A on 23.02.2024





MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Affiliated to Pondicherry University
Accredited by NBA New Delhi and NAAC with 'A' grade
Kallitheerthalkuppam, Puducherry-605107



Department of Electronics and Communication Engineering

MARINE SHORE CLEANING CAMP SDG -14 LIFE BELOW WATER (Target 14.1 & 14.2)

Certificate of Participation

This Certificate is presented to Mr./Ms. RANJANI S, VII - A

of AMRITA VIDYALAYAM, PUDUCHERRY for participating in the Marine Shore Cleaning
event in Sooriya Beach Puducherry organized by Manakula Vinayagar Institute of Technology in
association with KEEP namma pondy clean on 23rd February 2024.

HOD/ECE
MVIT

Senior Officer
Keep Namma Pondy Clean

Principal
MVIT





MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Affiliated to Pondicherry University
Accredited by NBA, New Delhi and NAAC with 'A' grade
Kaitheerthalkuppam, Puducherry-605107



Department of Electronics and Communication Engineering

MARINE SHORE CLEANING CAMP SDG -14 LIFE BELOW WATER (Target 14.1 & 14.2)

Certificate of Participation

This Certificate is presented to Mr./Ms. ASHWITHA A, VII - A
of AMRITA VIDYALAYAM, PUDUCHERRY for participating in the Marine Shore Cleaning
event in Sooriya Beach Puducherry organized by Manakula Vinayagar Institute of Technology in
association with KEEP namma pondy clean on 23rd February 2024.

HOD/ECE
MVIT

Senior Officer
Keep Namma Pondy Clean

Principal
MVIT





MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

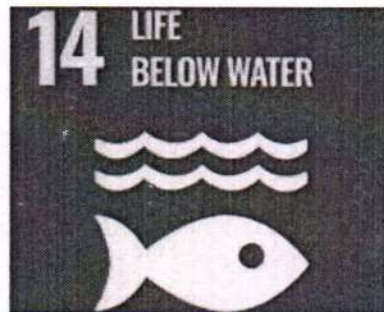
Approved by the AICTE, New Delhi - Affiliated to Pondicherry University
Accredited by NAAC WITH 'A' Grade and NBA (National Board of Accreditation)
Kalitheerthalkuppam, Puducherry - 605 107
Ph: 0413 2643007 / Website: www.mvit.edu.in



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SDG -14 Activities

Life Below Water



“Creating Awareness Among Schools about SDG-14”

16.2.2024 & 17.2.2024



Coordinators

Mr. V. Rajesh, AP/ECE

Dr. R. Sofia, AP/ECE

Dr. S. ARUNMOZHI, M.Tech, Ph.D.
Professor & Head of the Department
Electronics and Communication Engineering
Manakula Vinayagar Institute of Technology
Kalitheerthalkuppam, Puducherry.



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Pondicherry University

Accredited by NBA & NAAC 'A' Grade

Kalitheerthalkuppam, Puducherry - 605107

Accredited by



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Extension Activities

No. of Schools Visited : 8

No. of Students Visited the school: 13

Students from the ECE department visited schools in Puducherry to raise awareness about Sustainable Development Goal 14: Life Below Water among the students. They conducted awareness presentations about SDG-14 in classrooms and invited students to participate in a marine shoreline cleaning event on February 23, 2023, at Serenity Beach. Additionally, they encouraged participation in a competition related to ocean protection, where entries could be submitted as posters via WhatsApp or email.

The Sustainable Development Goal (SDG) 14, "Life Below Water," aims to conserve and sustainably use the oceans, seas, and marine resources for sustainable development. This goal focuses on addressing challenges such as marine pollution, overfishing, and habitat destruction to ensure the health and well-being of marine ecosystems and the communities that depend on them.

Activities like the one conducted by Our ECE department in schools play a crucial role in raising awareness about SDG-14 among students. Educating students about the importance of marine conservation and sustainable practices empowers them to become informed global citizens who understand the significance of protecting our oceans. By engaging students in activities such as shoreline clean-ups and competitions related to ocean protection, schools can instill a sense of responsibility and commitment to preserving marine ecosystems from a young age. These activities also provide opportunities for hands-on learning and community involvement, fostering a deeper understanding of environmental issues and encouraging proactive solutions. Ultimately, integrating SDG-related activities into school curricula helps to cultivate a culture of environmental stewardship and sustainability among future generations. The marine cleaning activity was organized by MVIT in association with Keep NammaPondy clean Organization



Name of the Schools Visited

S.No	Name of the School
1.	Acharya Shiksha Mandir, Puducherry
2.	St. Patrick Higher Secondary School, Puducherry
3.	Seventh Day Adventist Higher Secondary School, Puducherry
4.	Amita Vidyalayam, Puducherry
5.	V.O.C Govt. Higher Secondary School, Puducherry
6.	Thiru.V.Ka Govt High School, Puducherry
7.	Immaculate Heart of Mary Girls Higher Secondary School
8.	Amalorpavam Lourd Academy, Puducherry

Name list of Students visited the school

S.No	Reg.No.	Name of the students	Year of Study
1.	21TC0169	RAGAPRIYA.P	ECE/III/B
2.	22TC0191	HARINIE	ECE/II/C
3.	22TC0198	HARISHDHA.M	ECE/II/C
4.	22TC0247	NARESH KUMAR.S	ECE/II/B
5.	22TC0311	VIGNESH.S	ECE/II/A
6.	22TC0264	PUGAZHENDHI.B	ECE/II/A
7.	20TC0216	SIVARAJ.K	ECE/IV/B
8.	20TC0190	NAVINKUMAR.B	ECE/IV/B
9.	20TC0154	AMARNATH	ECE/IV/B
10.	20TC0182	MOHAMED FAZIL	ECE/IV/B
11.	20TC0209	SANTHOSHKUMAR	ECE/IV/A
12.	21TC0204	SUJI J S	ECE/III/A
13.	21TC0151	MUKESH.K	ECE/III/A



INTRODUCTION

- The Sustainable Development Goals (SDGs) (or Global Goals for Sustainable Development) are a collection of 17 global goals set by the United Nations General Assembly.
- The goals are broad and interdependent, yet each has a separate list of targets to achieve. Achieving all targets would signal accomplishing all 17 goals. The SDGs cover social and economic development issues.

SDG WHEEL

GOAL 14: Life Below Water



14 LIFE BELOW WATER



Objective of the Goal 14

"Conserve and sustainably use the oceans, seas and marine resources for sustainable development."



14 LIFE BELOW WATER



SDG 14 TARGETS:

14.1 By 2025, prevent and significantly reduce marine pollution of all kinds

14.2 By 2020, sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts

14.3 Minimize and address the impacts of ocean acidification, including through enhanced scientific cooperation at all levels

14.4 By 2020, effectively regulate harvesting and end overfishing, illegal, unreported and unregulated fishing and destructive fishing practices

14.5 By 2020, conserve at least 10 per cent of coastal and marine areas

14.6 By 2020, prohibit certain forms of fisheries subsidies which contribute to overcapacity and overfishing, eliminate subsidies that contribute to illegal, unreported and unregulated fishing

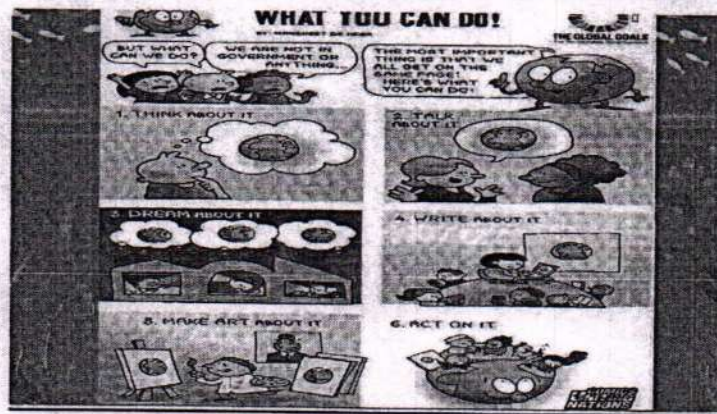
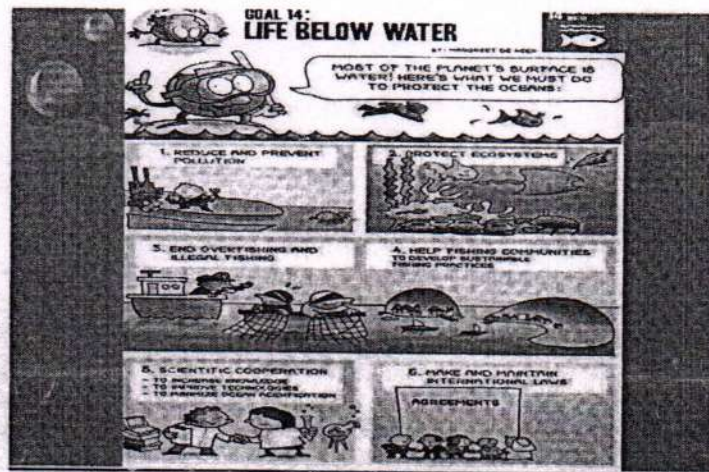
Why Goal 14?

- We are a land dwelling species, but we depend more on our oceans than we can imagine.
- Over three billion people depend on marine and coastal biodiversity for their livelihoods. Globally, the market value of marine and coastal resources and industries is estimated at USD 3 trillion per year or close to 5% of global GDP. Oceans contain more than 200,000 identified species, but actual numbers may lie in the millions. It is estimated that 91% of ocean

MARINE POLLUTION

Marine pollution, an overwhelming majority of which comes from land-based sources, is reaching alarming levels, with an average of 13,000 pieces of plastic litter to be found on every square kilometre of ocean

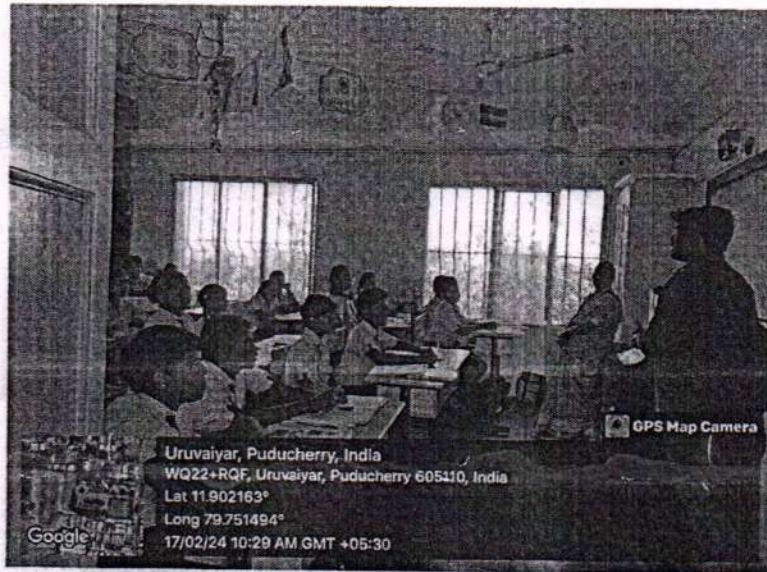






Department of ECE organised a "Awareness Campaign" in Schools by our IV year students Navinkumar.B and Sivaraj. K in St. Patrick Higher Secondary School, Puducherry, dated on 16.2.2024





Department of ECE organised a "Awareness Campaign" in Schools by our IV year student Navinkumar.B in Achraiya Higher Secondary school, Puducherry dated on 17.2.2024

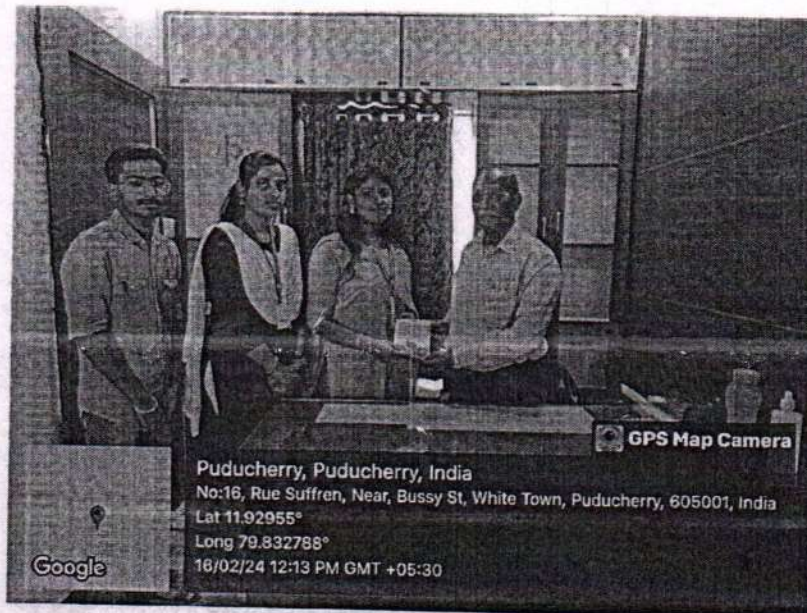


Department of ECE organised a "Awareness Campaign" in Schools by our IV year students Navinkumar.B and Sivaraj. K in VOC Higher Secondary School, Puducherry, dated on 16.2.2024



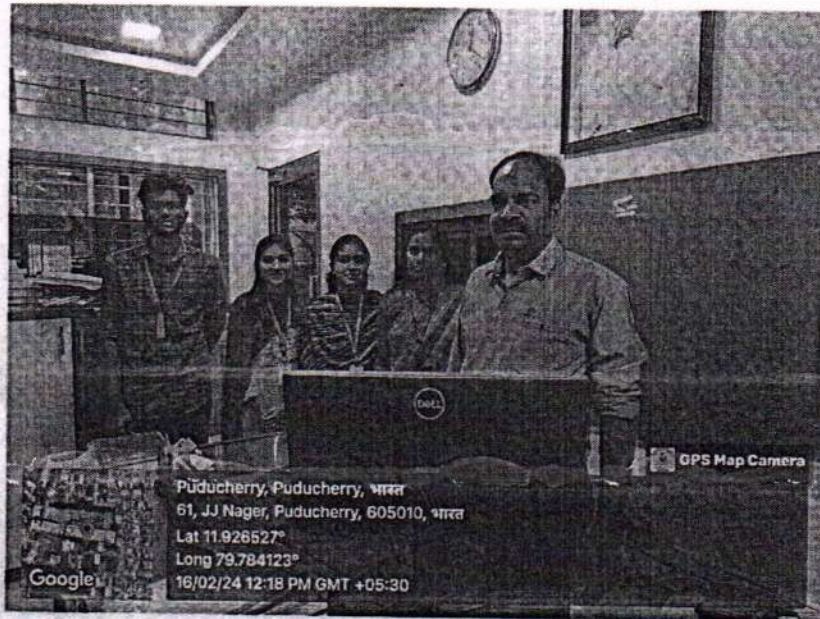


Department of ECE organised a "Awareness Campaign" in Schools by our IV year students Navinkumar.B, Sivaraj. K and Santhoshkumar in Thiru.V. Ka. Govt Hr. Secondary school Puducherry, dated on 16.2.2024



Department of ECE organised a "Awareness Campaign" in Schools by ECE Department III year students RagaPriya, Suji in Seventh day Adventist Higher Secondary School, Puducherry, dated on 16.2.2024





Department of ECE organised a "Awareness Campaign" in Schools by ECE II year students (Harshidha. M, Harini. E, and Pugazhendhi. B.) in Amita Vidyalayam, dated on 16.2.2024

