



INDIAN INSTITUTE OF TROPICAL METEOROLOGY (IITM), PUNE
ENVIRONMENTAL INFORMATION, AWARENESS, CAPACITY BUILDING
AND LIVELIHOOD PROGRAMME (EIACP)
PROGRAMME CENTRE - RESOURCE PARTNER (PC-RP)
(Ministry of Environment, Forest & Climate Change, Govt. of India)

November 2025 Report:

Science Popularization, Sustainability & Youth Engagement



1. Name of the EIACP Centre:

EIACP@IITM, Pune

2. EIACP Hub or Resource Partner: EIACP Resource Partner

3. Month for which report is being submitted: November-2025

4. Summary of achievement:

November 2025 was a highly productive month for the EIACP Centre, IITM Pune, marked by impactful outreach programmes, science communication initiatives, and capacity-building activities. The Centre engaged students, teachers, youth, and professionals through a series of events designed to create awareness on environmental sustainability, scientific thinking, and responsible societal action.

The month began with an online Map Creation Competition on the occasion of International GIS Day 2025, where participants showcased innovative maps highlighting climate and environmental issues. The event successfully encouraged the use of geospatial technologies to understand real-world environmental challenges, attracting strong participation from students, researchers, and professionals.

A major highlight of the month was the Curtain Raiser Programme of IISF 2025, which included Elocution, Quiz, and Slogan Writing competitions aimed at promoting science communication among students. The insightful expert talk delivered by Dr. Thara Prabhakaran on “Cloud Seeding” further enriched the programme, generating significant interest and deepening participants’ understanding of atmospheric science and weather modification techniques.

In addition, the Centre conducted a highly informative webinar on Youth Leadership in Circular Electronics Transition & E-Waste Management, led by Dr. Renu Sharma. The session empowered young change-makers by highlighting opportunities for youth involvement in responsible e-waste handling, recycling, and creating a circular electronics economy.

Toward the end of the month, the Centre organized a Walkathon and Mission LiFE awareness session for students and teachers from Appasaheb Birnale Public School, Sangli. These activities promoted scientific temperament, environmental consciousness, and sustainable lifestyle adoption among young learners. Students enthusiastically engaged with the themes of Mission LiFE, demonstrating their willingness to adopt eco-friendly habits.

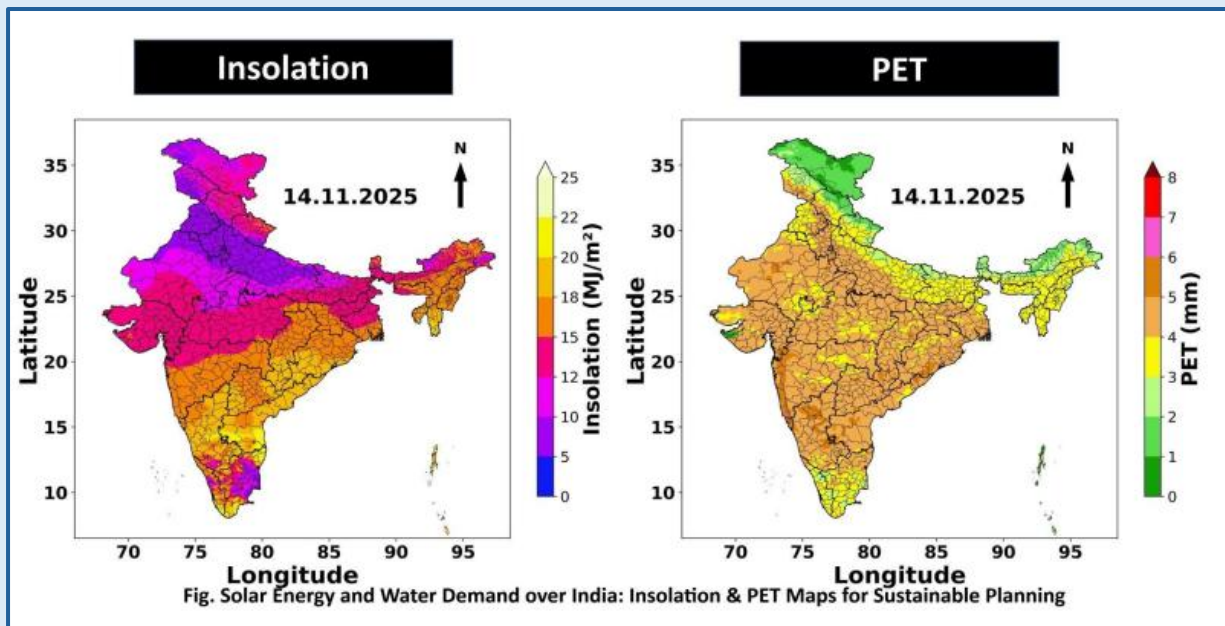
Overall, November 2025 reflected the Centre’s strong commitment to fostering scientific awareness, environmental responsibility, and community participation. The diverse activities conducted throughout the month significantly contributed to broadening outreach and deepening public engagement in line with the objectives of EIACP and national missions.

i. Activities under Environment Days/ Special days:

Sr. No.	Environment Days/ Special days	Description of event	Place/s of activity	Number of participants	Partners
1	International GIS Day 2025	<p>On the occasion of International GIS Day 2025, the EIACP Centre, IITM Pune organized an online Map Creation Competition on 10th November 2025. The theme for the competition was “Mapping Climate and Environmental Issues”, encouraging participants to use geospatial tools and mapping techniques to highlight pressing environmental challenges.</p> <p>A total of 49 participants, including students, researchers, and professionals from diverse backgrounds, took part in the competition. Their submissions showcased creative, data-driven maps focusing on topics such as land use changes, urban heat islands, water resource challenges, pollution hotspots, and climate vulnerability zones.</p> <p>The competition aimed to promote the use of Geographic Information Systems (GIS) as a powerful tool for environmental analysis and decision-making. Participants were encouraged to explore spatial thinking and develop maps that could support awareness, research, and policy discussions around climate and environmental issues.</p> <p>The online format provided a convenient and inclusive platform, allowing participants from different regions to engage meaningfully. The event successfully highlighted the</p>	Online	49	-

	importance of geospatial technologies in understanding environmental challenges and motivated young learners to expand their skills in GIS and climate-related mapping.			
--	---	--	--	--

Photo:



A virtual raster stack is a powerful tool that combines multiple depth layers into a single multi-band raster.

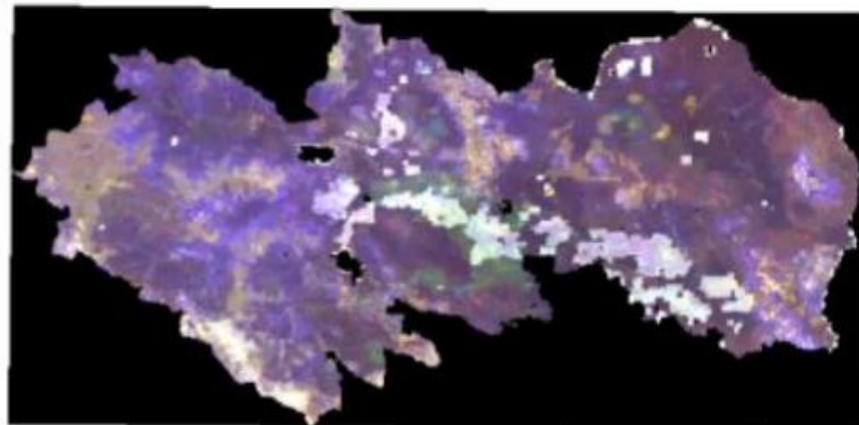
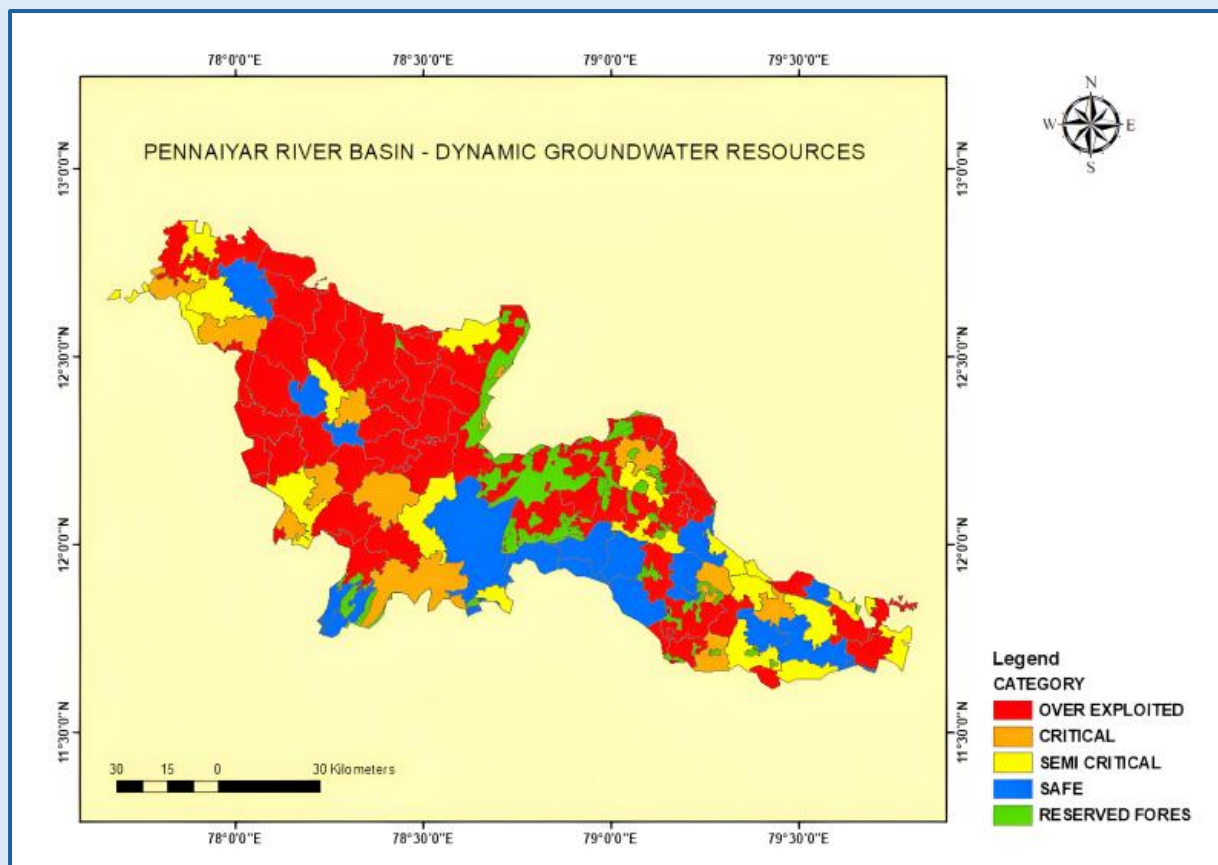


Figure 5: Multi-Layer Raster



Glimpses of entries received for the Map Creation Competition 2025

ii. Activities under plantation drive campaign “Ek Ped Maa ke Naam”

- Description: -
- Number of participants: -
- Name of Location/s where activity was carried out: -
- Partners: -
- Photos: -

iii. Mission LiFE Activities:

- Title:** Mission LiFE Awareness Session for ABP School, Sangli
- Description:** EIACP Centre, IITM Pune organized a comprehensive Mission LiFE (Lifestyle for Environment) awareness session on 29th November 2025 for 154 students and 14 teachers from Appasaheb Birnale Public School, Sangli. The session was conducted as part of the Centre’s ongoing efforts to create environmental consciousness among school students through interactive learning experiences.

The session began with an introduction to the 7 themes of Mission LiFE, where students were guided on adopting small yet impactful behavioural changes that contribute to sustainable living. The explanations were simplified to suit the student audience, ensuring that they understood how individual lifestyle choices play a collective role in environmental protection.

To make the session more engaging, Mission LiFE selfie holders were introduced, encouraging students and teachers to participate actively. This interactive element added excitement and made the learning process enjoyable, with students enthusiastically taking photographs and sharing their experience.

The discussion concluded with a Q&A segment where students asked thoughtful questions about sustainable initiatives, air pollution, and eco-friendly practices. Their curiosity and awareness reflected a positive mindset towards environmental responsibility and a willingness to integrate sustainable habits into their daily lives. The session successfully motivated the young participants to become ambassadors of a greener future.

c. **Number of participants:** 168

d. **Partners:** Appasaheb Birnale Public School, Sangli.

e. **Name of Location/s where activity was carried out:** IITM, Pune

f. **Photos:**







Glimpses during the Mission LiFE Awareness Session

iv. Centre specific thematic activities

1.

- a. **Title:** Walkathon under IISF 2025 Curtain Raiser Activities
- b. **Description** IITM EIACP Pune successfully conducted a Walkathon on 28th November 2025 with enthusiastic participation from 154 students and 14 teachers of Appasaheb Birnale Public School, Sangli. The event was organized under the India International Science Festival (IISF) 2025 curtain raiser activities, focusing on science popularization and aligning with the thematic initiatives of EIACP.

The India International Science Festival (IISF) is a national platform that promotes scientific spirit, innovation, and large-scale public engagement in science through diverse outreach activities.

The Walkathon aimed to inspire young minds towards scientific temperament, environmental consciousness, and sustainable actions, creating awareness through participatory learning beyond the classroom.

- c. **Number of participants:** 168
- d. **Partners:** - Appasaheb Birnale Public School, Sangli.
- e. **Name of Location/s where activity was carried out:** IITM, Pune
- f. **Photos:**







Glimpses of Walkathon at IITM Campus

2.

- **Title:** Curtain Raiser Programme of IISF 2025 by IITM-EIACP
- **Description:** IITM–EIACP, Pune successfully organized the Curtain Raiser Programme of the India International Science Festival (IISF) 2025 on 27th November 2025. The programme aimed at promoting science communication and strengthening scientific curiosity among students. A total of 53 participants enthusiastically took part in the event, reflecting strong interest and engagement from the academic community.

The programme featured multiple competitions, including Elocution, Quiz, and Slogan Writing, which encouraged students to express their scientific understanding and creativity. The activities were designed to instil confidence, improve public speaking skills, and enhance awareness of scientific concepts. The winners of all competitions were felicitated with trophies and certificates, acknowledging their excellence and participation.

A major highlight of the event was an insightful expert talk by Dr. Thara Prabhakaran, Project Director of the Cloud Aerosol Interaction and Precipitation Enhancement Experiment (CAIPEEX) / Physics and Dynamics of Tropical Clouds, Indian Institute of Tropical Meteorology, Pune. She delivered an engaging session on “Cloud Seeding”, explaining the science, technology, and real-world applications behind artificial precipitation. Her talk captured the attention of the audience and sparked meaningful discussions among participants.

The programme concluded with words of appreciation for all participants and a reaffirmed commitment to promote scientific curiosity and awareness through

IISF initiatives. The event successfully contributed to the broader objective of science popularization and encouraged students to remain actively involved in scientific learning.

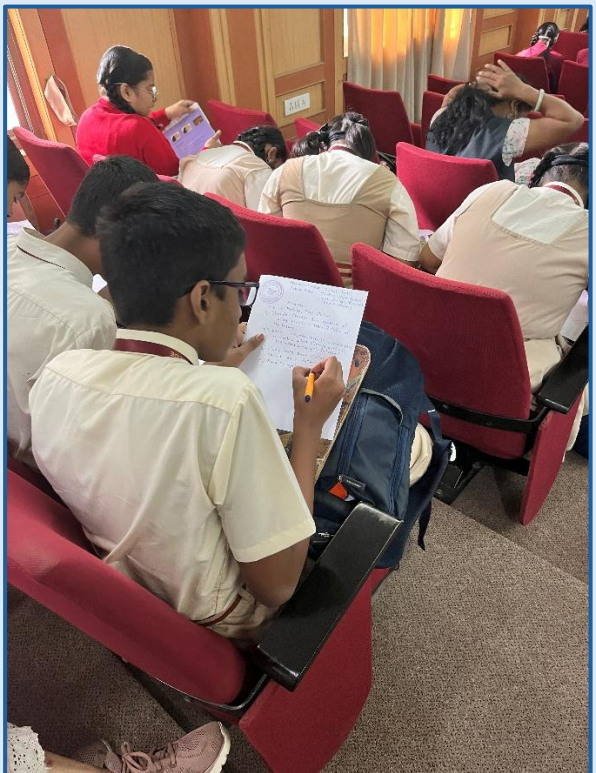
- **Number of participants:** 53
- **Partners: -**
 - i. Junior's Orchid High School, Pune
 - ii. SNBP International school Rahatani
 - iii. Dr. Kalmadi Shamarao High School, Pune
 - iv. Loyola High School and Jr college, Pune
 - v. Modern High School English Medium, NCL, Pune
- **Name of Location/s where activity was carried out:** IITM, Pune
- **Photos:**











Slogans Entries received from students:

*"Sustainability is not just a choice but a Responsibility,
Whatever we Save Today returns back Tomorrow."*

*"When Ecosystem disturbs, Climate get disturbed,
When Climate disturbs, the whole world gets disturbed."*

*"Connect with Urbanization, You will feel Comfort,
Connect with Ecosystem, You will feel Calmness"*

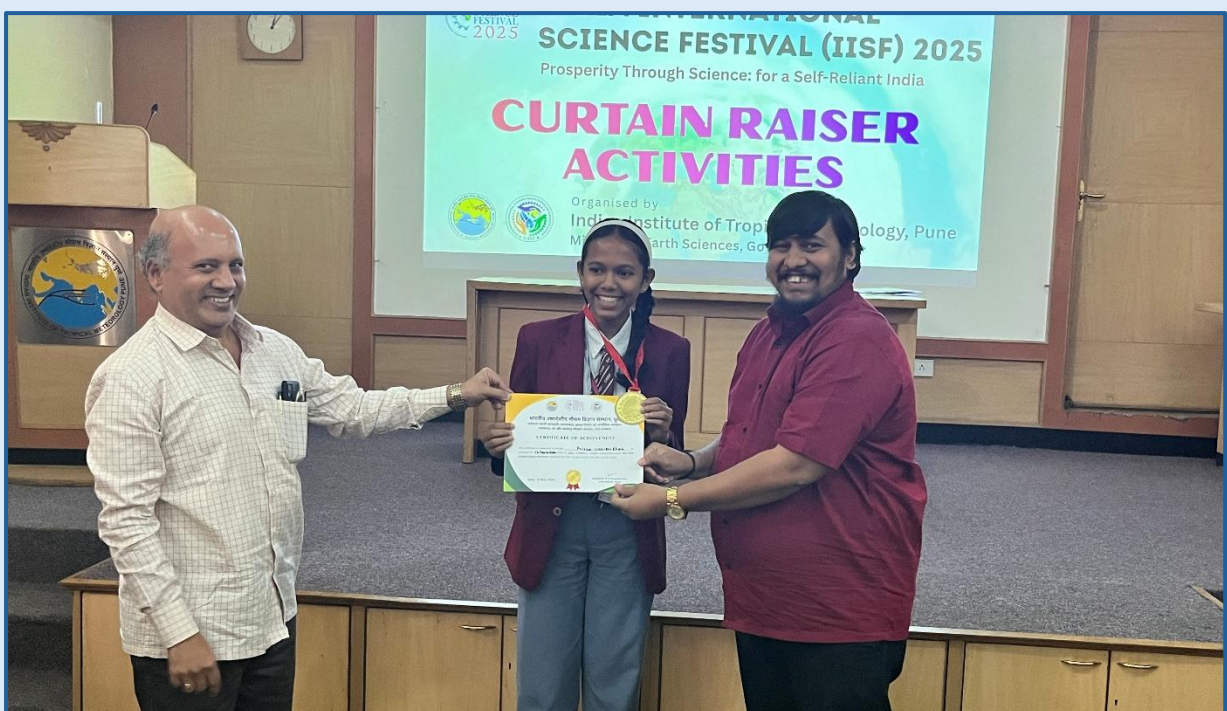
*"If Pollution is Devil and Nature is Angel,
Option is yours- you will go with Devil or Angel"*

*"Climate Change driven by Pollution,
Thriving on the lack of execution,
Causing chaos, unbalance and extinction."*

*"Choose your Actions Today,
That your Planet will Thank Tomorrow"*

*"Plant Trees, Save Nature,
Save Nature, Save Future."*









Glimpses during Curtain Raiser Programme of IISF 2025

v. Awareness Campaigns /Events /Competition /Seminars/ Webinars/ Workshops

1.

- a. **Title:** Webinar on Youth Leadership & Circular Electronics Transition
- b. **Description:** The EIACP Centre, IITM Pune conducted an insightful webinar on 19th November 2025 titled “Youth Leadership in Action: Empowering Young Change-Makers to Accelerate India’s Circular Electronics Transition & E-Waste Management.” The session was delivered by Dr. Renu Sharma, Head (Research & Advocacy), H.M.E. Waste Management, and Editor-in-Chief, EcoTech Talks. The webinar aimed to strengthen youth engagement in addressing the growing challenges related to electronic waste.

Dr. Sharma highlighted the critical importance of India’s shift towards a circular electronics economy, emphasizing the role of innovation, responsible usage, and sustainable disposal practices. She explained how the rapid rise in electronic consumption has made e-waste management a national priority, requiring awareness, technology-driven solutions, and active public participation.

A significant portion of the session focused on youth leadership, encouraging students and young professionals to champion responsible e-waste practices within their communities. Dr. Sharma shared real-world examples, best practices, and success stories demonstrating how youth-led initiatives can significantly contribute to environmental protection and resource conservation.

Participants engaged actively during the Q&A segment, raising queries about recycling processes, authorized e-waste collection systems, and opportunities for youth involvement. The webinar successfully enhanced understanding of e-waste challenges and inspired attendees to adopt environmentally responsible behaviours, making it a valuable step toward fostering sustainable development.

- c. **Number of participants:** 50+
- d. **Partners:** H.M.E. Waste Management, Rajasthan
- e. **Name of Location/s where activity was carried out:** Online Platform
- f. **Photo:**

YouTube IN ii x Q 🎤



Webinar on:

Youth Leadership in Action: Empowering Young Change-Makers to Accelerate India's Circular Electronics Transition & E-Waste Management

By

Dr. Renu Sharma

Head (Research And Advocacy): H.M.E. Waste Management
Editor-In-Chief: EcoTech Talks (A Quarterly Newsletter By H.M.E. On Circular Economy)

Date: 19th November 2025 (Wednesday) Time: 04:00 PM to 05:00 PM LIVE

Brought to you by,
INDIAN INSTITUTE OF TROPICAL METEOROLOGY (IITM), PUNE
Environmental Information, Awareness, Capacity Building and Livelihood Programme (EIACP)
(Ministry of Environment, Forest and Climate Change, Government of India) Pune



<https://shorturl.at/MTZHJ>

4:25 / 1:33:35

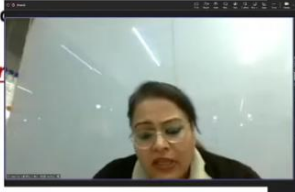
Empowering Young Change-Makers to Accelerate Circular Electronics Transition & E-Waste Management

YouTube IN ii x Q 🎤

and content | Empowering Young Change-Makers to Accelerate Circular Electronics Transition & E-Waste Management

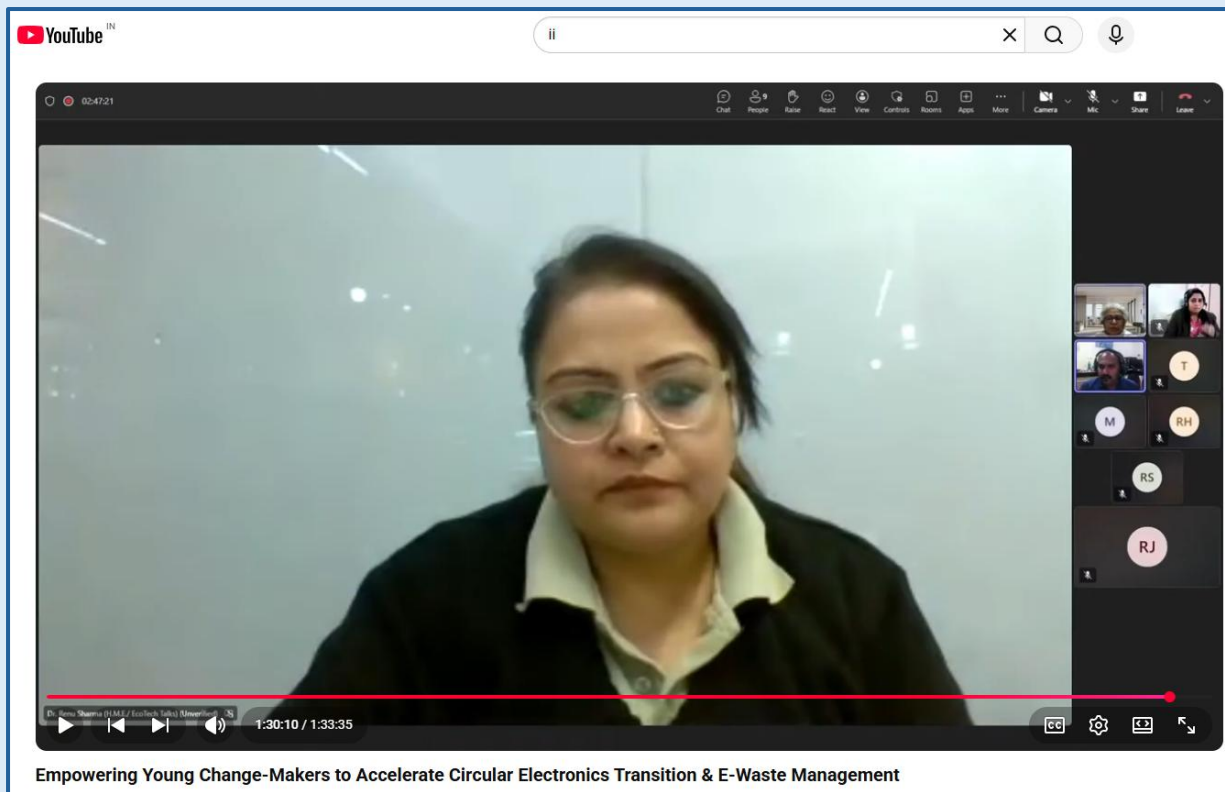
ELECTRONIC & ELECTRICAL equipments (EEE)

- We all are **CONSUMERS** of EEE items (individually as well as institutionally)
- EEE have become **OMNIPRESENT**
(HOME + OFFICES + SCHOOL + COLLEGES + MALLS + RESTAURANTS + GYM + HOSPITALS etc)
- We Made them **POPULAR**
(NEED + DESIRE FOR COMFORT/EASE + SOCIAL STATUS + EMOTIONAL BOND/MEMORY + DIGITAL OR TECHNOLOGICAL ADVANCEMENT)
- They have become **PART OF OUR EVERYDAY LIFE** (HABIT OR ADDICTION)
- EEE also have got a **LIFE SPAN/ EXPIRY**. They become E-waste at the end
- People most often do not know what to do with these E & E after their
AWARENESS: How to dispose responsibly and sustainably



Dr. Renu Sharma (H.M.E./ EcoTech Talks) (Unmuted)

Empowering Young Change-Makers to Accelerate Circular Electronics Transition & E-Waste Management



Glimpses during the Webinar on Youth Leadership & Circular Electronics Transition

vi. GSDP and Capacity Building courses: Nil

vii. Knowledge products, if any, with link

viii. Development of Information Products and Mobile Apps: Nil

ix. Miscellaneous activities: Nil

5. Recruitment or Change of EIACP Staff if any with contact numbers and qualification details: Nil

6.Updation of DRC Webpage with details: Centre have uploaded the following items on the DRC Portal:

1) Activities Section:

<div>MINISTRY OF ENVIRONMENT FOREST AND CLIMATE CHANGE</div> <div>Dashboard</div> <div>Activity</div> <div>Best Practices</div> <div>Bibliography</div> <div>Documents to Moef</div>													
Digital Resource Centre													
Activities													
S.No.	Environment Day	Centre	Type	Event	Year	Month	State	District	Start	End	Status	→	
1		Indian Institute of Tropical Meteorology (ITM), Pune	Awareness Programme	Awareness Programme	2025-26	October	Maharashtra	Pune	16-10-2025	16-10-2025	PUBLISHED	Unpublish	
2		Indian Institute of Tropical Meteorology (ITM), Pune	Awareness Programme	Awareness Programme	2025-26	August	Maharashtra	Pune	23-08-2025	23-08-2025	PUBLISHED	Unpublish	
3		Indian Institute of Tropical Meteorology (ITM), Pune	Awareness Programme	Awareness Programme	2025-26	August	Maharashtra	Pune	22-08-2025	22-08-2025	PUBLISHED	Unpublish	

2) Media Gallery Section:

<div>MINISTRY OF ENVIRONMENT FOREST AND CLIMATE CHANGE</div> <div>Dashboard</div> <div>Activity</div> <div>Best Practices</div> <div>Bibliography</div> <div>Documents to Moef</div> <div>Expert Details</div> <div>FAQ</div> <div>Home Slider</div> <div>Latest Updates</div> <div>Media Gallery</div> <div>Page</div> <div>Publication</div> <div>Recruitment</div> <div>Tenders</div> <div>Thematic Map</div>													
Digital Resource Centre													
Media Gallery													
S.No.	Centre	Title				Publishing Date		Status	→				
3	Indian Institute of Tropical Meteorology (ITM), Pune	Expert Talk on Plastic and Open Burning Hazards the Reporting Mechanism				05-06-2025		PUBLISHED	Unpublish				
4	Indian Institute of Tropical Meteorology (ITM), Pune	ITM-EIACP, Pune organized a special environmental awareness activity				18-06-2025		PUBLISHED	Unpublish				
5	Indian Institute of Tropical Meteorology (ITM), Pune	Ek Ped Maa Ki Naam				08-07-2025		PUBLISHED	Unpublish				
6	Indian Institute of Tropical Meteorology (ITM), Pune	ITM-EIACP PC-RP Pune team planted trees at ITM Pune Campus under the EkPedMaaKiNaam initiative.				14-07-2025		PUBLISHED	Unpublish				
7	Indian Institute of Tropical Meteorology (ITM), Pune	capacity building workshop today on making eco-friendly Ganesh idols using natural clay at Wakad.				04-08-2025		PUBLISHED	Unpublish				
8	Indian Institute of Tropical Meteorology (ITM), Pune	awareness workshop on making Ganesh idols using natural clay.				15-08-2025		PUBLISHED	Unpublish				
9	Indian Institute of Tropical Meteorology (ITM), Pune	ITM EIACP PC-RP Pune organized a Mission LIFE awareness event				22-08-2025		PUBLISHED	Unpublish				
10	Indian Institute of Tropical Meteorology (ITM), Pune	Ganesh Festival Shopping Carvsa				23-08-2025		PUBLISHED	Unpublish				
11	Indian Institute of Tropical Meteorology (ITM), Pune	Eco-Friendly Ganesh Visarjan Drive				06-09-2025		PUBLISHED	Unpublish				
12	Indian Institute of Tropical Meteorology (ITM), Pune	Solid Waste Management				16-09-2025		PUBLISHED	Unpublish				
13	Indian Institute of Tropical Meteorology (ITM), Pune	A session on air plastic pollution.				19-09-2025		PUBLISHED	Unpublish				
14	Indian Institute of Tropical Meteorology (ITM), Pune	A session on sustainability and waste management.				17-10-2025		PUBLISHED	Unpublish				
15	Indian Institute of Tropical Meteorology (ITM), Pune	Awareness Event on Reducing Single Use Plastic at Pimpri Chinchwad Textile Market				16-10-2025		PUBLISHED	Unpublish				
16	Indian Institute of Tropical Meteorology (ITM), Pune	12th Bhopal Science Mela 2025				26-09-2025		PUBLISHED	Unpublish				
17	Indian Institute of Tropical Meteorology (ITM), Pune	Sewa Parv Event at Shri Siddheshwar Devasthan/Temple, Solapur				29-09-2025		PUBLISHED	Unpublish				
18	Indian Institute of Tropical Meteorology (ITM), Pune	Sewa Parv Event at Appa Saheb Birnal School, Sangali				26-09-2025		PUBLISHED	Unpublish				
19	Indian Institute of Tropical Meteorology (ITM), Pune	Awareness drive cum felicitation program Ganeshotsav 2025				06-09-2025		PUBLISHED	Unpublish				
20	Indian Institute of Tropical Meteorology (ITM), Pune	ITM-EIACP Centre at Ivy Shopping Carnival, Wagholi				23-08-2025		PUBLISHED	Unpublish				

3) Thematic Maps:

<div>MINISTRY OF ENVIRONMENT FOREST AND CLIMATE CHANGE</div> <div>About</div> <div>Programme Components</div> <div>Experts</div> <div>Kids Corner</div> <div>Thematic Maps</div> <div>Manpower Details</div> <div>Notifications</div>													
Indian Institute of Tropical Meteorology (ITM), Pune>> Thematic Maps													
Thematic Maps													
S.No.	Subject					Category		File					
1	Find Your Nearby Authorised E-Waste Recycler					E-Waste							