



LiFE
Lifestyle for
Environment



Ministry of Environment Forest & Climate Change (MoEFCC)
Government of India

**ENVIRONMENTAL INFORMATION, AWARENESS, CAPACITY BUILDING &
LIVELIHOOD PROGRAMME CENTRE (EIACP-PC)**

**CSIR-NATIONAL BOTANICAL RESEARCH INSTITUTE (NBRI),
RANA PRATAP MARG, LUCKNOW, INDIA**

Earth
Day
2025

**Celebration of Earth Day:
Renewable Energy
Sources**

**among the students of City
Montessori School, Cambridge
Campus, Gomti Nagar,
Lucknow**

**Theme: "OUR POWER,
OUR PLANET"**

**on
22nd, April 2025**



**LET'S MOVE TO
RENEWABLE
ENERGY!**

- Solar Energy
- Wind Energy
- Hydro Energy
- Biomass Energy
- Geothermal energy



Celebration of Earth Day: Renewable Energy Sources

To celebrate Earth Day 2025, NBRI-EIACP-PC-RP organized an interactive session on the theme “Our Power, Our Planet” for students of classes 7 and 8 at City Montessori School, Cambridge Campus, Gomti Nagar, Lucknow, at the Lotus Auditorium, NBRI-EIACP, Lucknow, on 22 April 2025. The session aimed to make young minds more aware of their role in protecting the environment and to encourage them to take small but meaningful steps toward sustainability.

The session began with a welcome address and a short introduction about the NBRI-EIACP Programme Centre by *Anita Gupta, Research Scholar, CSIR-NBRI*. Further, she invited Dr. *Pankaj Kumar Srivastava, Sr. Principal Scientist, Environmental Technologies Division, CSIR-NBRI*, and *Coordinator, NBRI-EIACP-PC-RP*, to briefly describe the activities and “*Plant & Pollution*” theme of the EIACP Programme Centre. Dr. Srivastava talked about the need and importance of Earth Day, its importance, and this year’s global theme: “*Our Power, Our Planet.*” He highlighted the problem of recent environmental challenges and climate change that our Mother Nature faced just because of our non-eco-friendly practices. He encouraged students and explained how every individual, no matter how young, can help save the Earth through conscious and responsible actions.



For understanding more about the Earth Day theme, an insightful lecture on the theme ***“Our Power Our Planet”*** was delivered by ***Dr. Vartika Singh, Amity University, Noida, Uttar Pradesh***. She enlightens students about the importance and need of renewable energy sources like solar, wind, hydroelectric, geothermal, and biomass. Unlike fossil fuels (like coal, oil, and natural gas), renewable energy sources do not run out and generally cause less pollution. Her lecture highlighted various National schemes launched by the Government of India to utilize renewable energy sources, such as ***PM-Surya Ghar Muft Bijli Yojna, National Green Hydrogen Mission, and Solar PV Module PLI Scheme***. These schemes aim to improve energy efficiency across various sectors in India, contributing to sustainable economic growth and addressing climate change



Further, ***Mr. Sampurna Nand, Research Scholar, CSIR-NBRI***, took a session on “Mission LiFE (Lifestyle for Environment) initiative launched by Hon’ble Prime Minister Shri Narendra Modi, Govt. of India. He explained all seven themes and 75 action plans of the Mission Life initiative. He explained the “Energy Saved theme” in detail and share some interesting facts like: *regular use LED bulbs/tube-lights reduces electricity consumption by up to ~80%, public transports emit 45-60% less CO₂ per passenger/km than private cars, using air*

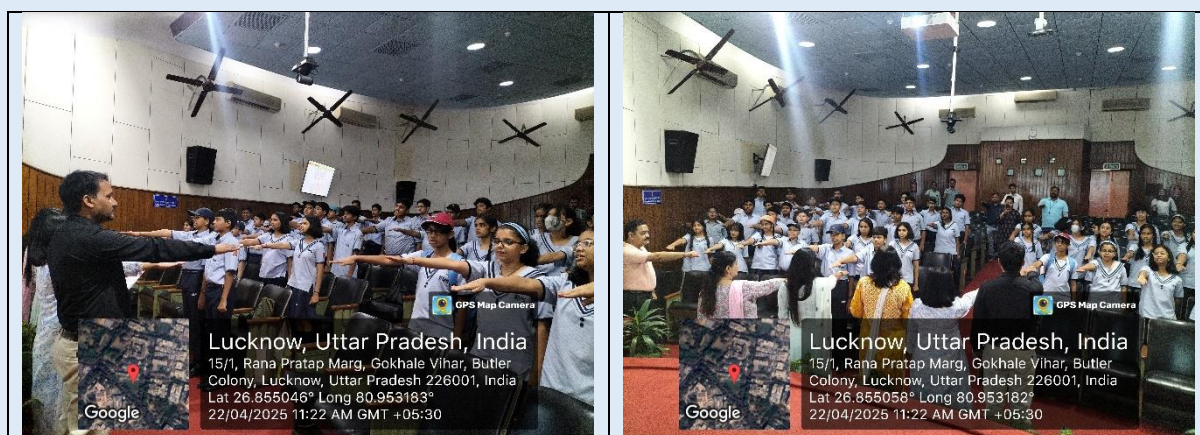
conditioner at 24 °C is the coolest choice not only for Earth but also for our health and body.



Followed by lectures there is short open discussion where students shared eco-friendly habits they follow at home-like using reusable bottles, switching off lights when not needed, planting trees, and avoiding plastic. A fun and educational Q&A activity on environmental facts, climate change challenges and Mission LiFE themes was conducted in which, students actively participated and showcased great enthusiasm.



All students took a Mission LiFE pledge to protect nature by reducing waste, planting more trees, and spreading awareness among their friends and families.



The session was not only informative but also deeply inspiring. It helped students understand that the small actions like using LED lights, proper maintenance of electronic products, utilization renewable sources, always use air conditioner at 24 °C can lead to big impacts in energy saving. The Earth Day interactive session for the students of CMS was a resounding success. It empowered students to become young Earth warriors and reminded them that *“Our Power, Our Planet”* is not just a slogan-it’s a call to action. With awareness, responsibility, and teamwork, we can all contribute to a cleaner, greener Earth. A total of **52 students and 2 teachers** were participated in this interactive session.

