



ECOVISION

Redefining Waste, Restoring Balance

Edited by:

D.R.Neha (GC Member)

Harshitha.N (Joint Secretary)

CONTENTS

[Secretary's message](#)

[GC members and Founders](#)

[About ZWSI](#)

["Picture-Your-Garbage, We'll Clean It"](#)

[Greenovate 2025](#)

[Top Innovators Crowned at Greenovate 2025](#)

[ZWSI Achievements](#)

["Voices of Impact: Feedback & Takeaways"](#)

[Upcoming Events](#)

Published by

Zero Waste

Society of India,

Indian Institute of

Science Campus

Bengaluru-560012,

Email:zerowastesocietyiisc@gmail.com

m



HON. GENERAL SECRETARY'S MESSAGE:

Dear Citizens,

*As we move towards a **Zero-Waste Society**, it is our collective responsibility to adopt sustainable practices that protect our environment and future generations. Waste is not just a byproduct of our lives; it is an opportunity to rethink, reduce, and repurpose.*

*Our vision is to **eliminate landfill dependency, reduce pollution, and promote a circular economy** where resources are utilized efficiently. To achieve this, we must commit to waste **segregation at source, minimizing single-use plastics, composting organic waste, and supporting recycling initiatives**. Small actions, when multiplied across millions, create a powerful impact.*

*I urge each one of you—**residents, businesses, policymakers, and institutions**—to embrace this movement with determination. Together, we can build a cleaner, greener, and more sustainable India. Let us work hand in hand to transform waste into wealth and create a future where nothing goes to waste.*

Let's Reduce, Reuse, and Recycle for a Better Tomorrow!

Warm regards,

Dr.Prathibha B S

Hon.Gen.Secretary, ZWSI

Governing Council Members of ZWSI 2024-2025



Dr. B R Supreeth
Hon. President



Dr. N C Shivaprakash
Hon. Vice President



Dr. Prathibha B S
Hon. General Secretary



Ms. Harshitha N
Joint Secretary



Dr. Shashi Shekhar T R
Treasurer



Dr. M A R Iyengar
GC Member



Dr. Sreevathsan
GC Member



Dr. Helen Roselen
GC Member



Prof. Nandini. N
GC Member

Governing Council Members of ZWSI 2024-2025



Ms. Shamitha Gaddam
GC Member



Mr. Shrihith P Reddy
GC Member



Ms. D R Neha
GC Member



Dr. H.K.T. Kumar
GC Member



Dr. Mylarappa M
GC Member

Advisors



**Dr. B.R.
Balagangadharan**



**Prof. E.S.
Dwarakadasa**

About Us

Vision

To enhance awareness in communities about the importance of committing to Zero Waste — driving sustainable practices that safeguard our environment, health, and economy for future generations.

Mission

To advocate zero-waste policies, certify sustainable institutions, and transform mindsets through education, awareness, and strategic community engagement.

Objectives

 ***Zero Waste & Circular Economy***: Eliminate landfill and incineration through a cradle-to-cradle strategy emphasizing reuse and regeneration.

 ***Sustainable Packaging***: Discourage single-use plastics and disposable products; promote reusable and eco-conscious alternatives.

 ***Innovation in Waste Reduction***: Certify institutions, adopt creative reuse strategies, and integrate smart waste technologies.

 ***Energy & Water Efficiency***: Embrace clean technology to reduce energy/water consumption and improve sustainability metrics.

 ***Biodiversity & Eco Leadership***: Protect natural ecosystems, recycle E-waste responsibly, and foster environmental clubs and awareness drives.

“Picture-Your-Garbage, We’ll Clean It”

5

Bengaluru has launched the innovative “Picture-Your-Garbage, We’ll Clean It” initiative, a citizen-driven cleanliness program announced by Deputy Chief Minister D.K. Shivakumar. The initiative empowers residents to report garbage blackspots by simply clicking a photo and sharing it along with the location. Civic authorities, in turn, have committed to clearing the reported areas within seven days, ensuring a more responsive and accountable system of waste management. This marks a significant step in addressing the city’s growing waste challenges through technology-enabled citizen participation.

To strengthen this mechanism, the BBMP (Bruhat Bengaluru Mahanagara Palike) has set up a dedicated WhatsApp helpline (9448197197), allowing people to send complaints in real-time. This user-friendly system not only makes waste reporting effortless but also increases transparency in how quickly and effectively civic bodies respond. By introducing clear timelines and digital tools, the city is building trust with its residents while simultaneously reducing bureaucratic hurdles that often delay action.

The initiative reflects Bengaluru’s broader vision of becoming a cleaner, greener, and smarter city by directly involving its citizens in the process. It transforms waste management from being just the responsibility of authorities into a shared mission, where public participation and civic accountability go hand in hand. With the promise of swift cleanups through nothing more than a photograph, the campaign sets a precedent for other Indian cities to adopt technology-driven models for sustainable urban cleanliness.



Greenovate 2025: Cultivating Eco-Innovation Through Workshop & Prodathon



The Zero Waste Society of India (ZWSI) successfully organized Greenovate 2025 on July 19, 2025 at the KI Vasu Auditorium, Materials Engineering Department, IISc Bengaluru. This one-day sustainability-themed Prodathon (Product Development Hackathon) brought together students, researchers, faculty members, startups, and industry professionals to collaborate on innovative ideas for tackling some of today's most pressing environmental challenges.

The primary goal of Greenovate 2025 was to encourage eco-entrepreneurship, creative thinking, and sustainable innovation. Participants were asked to present their ideas and prototype concepts addressing issues such as waste management, water management, and plastic pollution. This platform provided a unique opportunity for students and professionals to showcase their creativity and highlight how practical solutions can be developed for real-world problems.



The event witnessed active participation from undergraduate, postgraduate, and PhD students, alongside faculty, startups, and industry professionals. Teams worked on ideas ranging from waste recycling techniques and smart water conservation strategies to alternatives aimed at reducing plastic dependency. The presentations were evaluated by an expert panel, and the event featured a prize pool of ₹30,000, awarded to the most impactful and innovative teams. Certificates of participation were also issued to all attendees, recognizing their contribution to the cause of sustainability.



With its successful execution, Greenovate 2025 reaffirmed ZWSI's mission to unite industries, technologists, and communities in building a sustainable future. The event was held in association with the BNM Friends of Nature Club, BNM Institute of Technology (BNMIT), and Oxford Degree & PG College, further strengthening the collective effort to promote environmental stewardship and innovation.



Beyond the competition, Greenovate 2025 served as a platform for collaboration, mentorship, and awareness, helping participants explore ways to convert creative ideas into impactful environmental solutions. By connecting academia, industry, and young innovators, the event reinforced the importance of fostering green thinking and sustainable practices among today's generation.



Top Innovators Crowned at Greenovate 2025

8



**Winners: PlasTrack-
BNM Institute of
Technology**
Daksha Mali Patil
Aakriti Mishra
Ananya M Kolla
Darshan J

**1st Runner Up: Zenviron-
BNM Institute of
Technology**
Sindhura R
Thanmayee Mk



**2nd Runner Up:
Hydrologic- KS School of
Engineering and
Management**
Shraddha TR
Aditha D Shetty

**2nd Runner Up:
Eco Warriors-Mount
Carmel College**
Vishruti Baindoor
Shivangi Bhattacharya
Soumili Santra
Jeya Shreya S



Gains Media Attention

‘ಗ್ರೀನೋವೇಟ್’ ಕಾರ್ಯಾಗಾರ:
ಉದ್ಘಾಟನೆ: ಬಿ.ಆರ್.
ಬಾಲಗಂಗಾಧರ್, ಬಿ.ಆರ್.
ಸುಪ್ರೀತ್, ಅತಿಥಿಗಳು: ಬಿ.ಎಸ್. ಪ್ರತಿಭಾ,
ಹೆಲೆನ್ ರೆಸೆಲೆನ್ಸ್, ಆಯೋಜನೆ: ಝೀರೊ
ವೇಸ್ಟ್ ಸೊಸೈಟಿ ಆಫ್ ಇಂಡಿಯಾ,
ಸ್ಥಳ: ಕೆಐ ವಾಸು ಆಡಿಟೋರಿಯಂ,
ಮೆಟೀರಿಯಲ್ಸ್ ಎಂಜಿನಿಯರಿಂಗ್
ವಿಭಾಗ, ಇಂಡಿಯನ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್
ಆಫ್ ಸೈನ್ಸ್, ಬೆಳಿಗ್ಗೆ 9.30

THE NEW
INDIAN EXPRESS

NATION WORLD STATES OPINIONS CIT

BENGALURU: A workshop titled
2025 was held on Saturday at IISc,
highlighting the urgent need for innovation
in waste management technologies to
achieve zero-waste goals.

It was jointly organised by Zero Waste
Society of India (ZWSI), IISc Bangalore, and
other educational institutions including
Oxford Institutions (Nagarabhavi and Ullal),
B.N.M. Institute of Technology (BNMIT), and
BNMIT Friends of Nature Club.

Balagangadhar, former chief scientific officer
of KSPCB and former president of ZWSI, said
many industries prioritise production over
responsible waste disposal.

“When questioned, they often cite the lack of
suitable technology. This gap in innovation
needs to be filled by today’s youth,” he said,
urging institutions to incorporate
sustainability-focused learning in their
curriculum.

ಹೊಸ ದಿಗಂತ 10
21 Jul 2025

ಆವಿಷ್ಕಾರದಿಂದ ಸುಸ್ಥಿರ ಸಮಾಜ ನಿರ್ಮಾಣ

• ಬೆಂಗಳೂರು: ಇಂದಿನ ಯುವ ಪೀಳಿಗೆ ತ್ಯಾಜ್ಯ ನಿರ್ವಹಣೆಗೆ ಸೂಕ್ತ ಆಧುನಿಕ ತಂತ್ರಜ್ಞಾನವನ್ನು ಆವಿಷ್ಕಾರಿಸುವ ಮೂಲಕ ಸುಸ್ಥಿರ ಸಮಾಜ ನಿರ್ಮಾಣಕ್ಕೆ ಮುಂದಾಗಬೇಕೆಂದು ಕರ್ನಾಟಕ ಪರಿಸರ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ ಮಾಜಿ ಮುಖ್ಯ ವೈಜ್ಞಾನಿಕ ಅಧಿಕಾರಿ ಡಾ.ಬಾಲಗಂಗಾಧರ್ ಹೇಳಿದರು.

ನಗರದ ಇಂಡಿಯನ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಸೈನ್ಸ್ ಆವರಣದಲ್ಲಿರುವ ಮೆಟೀರಿಯಲ್ಸ್ ಎಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದ ಕೆಐ ವಾಸು ಆಡಿಟೋರಿಯಂನಲ್ಲಿ ಆಯೋಜಿಸಲಾಗಿದ್ದ ಗ್ರೀನೋವೇಟ್-2025 ಎಂದು ದಿನದ ಕಾರ್ಯಾಗಾರವನ್ನು ಉದ್ಘಾಟಿಸಿ ಮಾತನಾಡಿ, ನಾನು ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ ವೈಜ್ಞಾನಿಕ ಅಧಿಕಾರಿಯಾಗಿದ್ದಾಗ ಅನೇಕ ಕಾರ್ಖಾನೆಗಳಿಗೆ ಭೇಟಿ ಕೊಡುತ್ತಿದ್ದೆನು ಎಂದರು.

ಅವರೆಲ್ಲಾ ತಮ್ಮ ಉತ್ಪನ್ನಗಳನ್ನು ತಯಾರಿಸುವುದಕ್ಕೆ ಕೊಟ್ಟ ಮಹತ್ವವನ್ನು ಅದರಿಂದ ಉತ್ಪನ್ನವಾಗುವ ತ್ಯಾಜ್ಯದ ಬಗ್ಗೆ ಕಾಳಜಿ ಮಾಡುವುದಿಲ್ಲ. ಈ ಕುರಿತು ಪ್ರಶ್ನಿಸಿದಾಗ ತ್ಯಾಜ್ಯ ನಿರ್ವಹಣೆಗೆ ಸೂಕ್ತ ತಂತ್ರಜ್ಞಾನವೇ ಲಭ್ಯವಿಲ್ಲ ಎಂಬ ಅಸಹಾಯಕತೆ ವ್ಯಕ್ತವಾಗುತ್ತಿತ್ತು. ಹೀಗಾಗಿ ಆ ನಿಟ್ಟಿನಲ್ಲಿ ಹೊಸ, ಹೊಸ ತಂತ್ರಜ್ಞಾನವನ್ನು ಪರಿಚಯಿಸುವ ಹೊಣೆಗಾರಿಕೆ ಇಂದಿನ ಪೀಳಿಗೆಯ ಮೇಲಿದೆ. ಇದಕ್ಕಾಗಿ ಇಂದು ಸರ್ಕಾರ ಹಾಗೂ ಅನೇಕ ಕಾರ್ಪೊರೇಟ್ ಕಂಪನಿಗಳ ಸಿಎಸ್‌ಆರ್ ನಿಧಿ ಕೂಡಾ ನೆರವಾಗಲಿವೆ ಎಂದರು.



ಶೂನ್ಯ ತ್ಯಾಜ್ಯ ಸಾಧನೆಗೆ ನೂತನ ತಂತ್ರಜ್ಞಾನ ಅಗತ್ಯ

ಬೆಂಗಳೂರು: ಇಂದಿನ ಯುವಪೀಳಿಗೆ ತ್ಯಾಜ್ಯ ನಿರ್ವಹಣೆಗೆ ಸೂಕ್ತ ಆಧುನಿಕ ತಂತ್ರಜ್ಞಾನಗಳನ್ನು ಅವಿಷ್ಕಾರಿಸುವ ಮೂಲಕ ಸುಸ್ಥಿರ ಸಮಾಜ ನಿರ್ಮಾಣಕ್ಕೆ ಮುಂದಾಗಬೇಕು ಎಂದು ಕರ್ನಾಟಕ ಪರಿಸರ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿಯ ಮಾಜಿ ಮುಖ್ಯ ವೈಜ್ಞಾನಿಕ ಅಧಿಕಾರಿ ಹಾಗೂ ಜಿರೋವೇಸ್ಟ್ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಸೊಸೈಟಿ ಆಫ್ ಇಂಡಿಯಾದ ಮಾಜಿ ಅಧ್ಯಕ್ಷರಾದ ಡಾ ಬಾಲಗಂಗಾಧರ್ ಹೇಳಿದರು.

ಇಂಡಿಯನ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಸೈನ್ಸ್ ಅವರಣದಲ್ಲಿರುವ ನಡೆದ ಗ್ರೀನೋವೇಟ್ - 2025 ಒಂದು ದಿನದ ಕಾರ್ಯಾಗಾರವನ್ನು ಉದ್ಘಾಟಿಸಿ ಮಾತನಾಡಿದ ಅವರು, ನಾನು ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿಯ ವೈಜ್ಞಾನಿಕ ಅಧಿಕಾರಿಯಾಗಿದ್ದಾಗ ಅನೇಕ ಕಾರ್ಖಾನೆಗಳಿಗೆ ಭೇಟಿ ಕೊಡುತ್ತಿದ್ದೆ. ಅವರೆಲ್ಲಾ ತಮ್ಮ ಉತ್ಪನ್ನಗಳನ್ನು ತಯಾರಿಸುವುದಕ್ಕೆ ಕೊಟ್ಟ ಮಹತ್ವವನ್ನು ಅದರಿಂದ ಉತ್ಪನ್ನವಾಗುವ ತ್ಯಾಜ್ಯದ ಬಗ್ಗೆ ಕಾಳಜಿ ಮಾಡುವುದಿಲ್ಲ.

ಈ ಕುರಿತು ಪ್ರಶ್ನಿಸಿದಾಗ ತ್ಯಾಜ್ಯ ನಿರ್ವಹಣೆಗೆ ಸೂಕ್ತ ತಂತ್ರಜ್ಞಾನವೇ ಲಭ್ಯವಿಲ್ಲ ಎಂಬ ಅಸಹಾಯಕತೆ ವ್ಯಕ್ತವಾಗುತ್ತಿತ್ತು. ಹೀಗಾಗಿ ಆ ನಿಟ್ಟಿನಲ್ಲಿ ಹೊಸ, ಹೊಸ ತಂತ್ರಜ್ಞಾನಗಳನ್ನು ಪರಿಚಯಿಸುವ ಹೊಣೆಗಾರಿಕೆ ಇಂದಿನ ಪೀಳಿಗೆಯ ಮೇಲಿದೆ. ಇದಕ್ಕಾಗಿ ಇಂದು ಸರ್ಕಾರ ಹಾಗೂ ಅನೇಕ ಕಾರ್ಪೊರೇಟ್ ಕಂಪನಿಗಳ ಸಿಎಸ್‌ಆರ್ ನಿಧಿ ಕೂಡಾ ನೆರವಾಗಲಿವೆ ಎಂದರು.

ಜನರ ಅಭ್ಯಾಸ ಬದಲಾದರೆ ಸ್ವಚ್ಛತೆಯನ್ನು ಕಾಪಾಡುವುದು ಸಮಾಜದ ಕೆಲಸವಲ್ಲ. ಸಾರ್ವಜನಿಕರ ಕಾಳಜಿಯಿಂದಾಗಿಯೇ ಇಂದೋರ್ ನಗರಕ್ಕೆ ಸತತವಾಗಿ ಕ್ಲೀನ್ ಸಿಟಿ ಎಂಬ ಪ್ರಶಸ್ತಿ ದೊರೆಯುತ್ತಿದೆ. ಅದು ತ್ಯಾಜ್ಯ ನಿರ್ವಹಣೆಯಲ್ಲಿ ಅತ್ಯುತ್ತಮ ವ್ಯವಸ್ಥೆಯನ್ನು ಹೊಂದಿದೆ ಎಂಬುದನ್ನು ನಾವೆಲ್ಲ ಅರ್ಥಮಾಡಿಕೊಳ್ಳಬೇಕು. ಪ್ರಾಯೋಗಿಕ ಕಲಿಕೆ ಇದ್ದಾಗ ಮಾತ್ರ ಅವಿಷ್ಕಾರಗಳು ಹೆಚ್ಚಾಗಿ ಮೂಡಿಬರಲು ಸಾಧ್ಯವಾಗುತ್ತದೆ. ಆ ಕಾರಣಕ್ಕೆ ಇವತ್ತಿನ ಶಿಕ್ಷಣದ ಪಠ್ಯ ಕೂಡಾ ಬದಲಾಗಬೇಕಿದೆ ಎಂದರು.

ನಗರದ ಇಂಡಿಯನ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಸೈನ್ಸ್ ಅವರಣದಲ್ಲಿರುವ ಮೆಟೀರಿಯಲ್ಸ್ ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದ ಕೆಐ ವಾಸು ಆಡಿಟೋರಿಯಂ ನಲ್ಲಿ ಜೀರೋ ವೇಸ್ಟ್ ಸೊಸೈಟಿ ಆಫ್ ಇಂಡಿಯಾ (ZWSI) ಹಾಗೂ ಇಂಡಿಯನ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಸೈನ್ಸ್ ಕ್ಯಾಂಪಸ್, ಬೆಂಗಳೂರು ಜಂಟಿಯಾಗಿ ನಾಗರವಾಸಿ ಮತ್ತು ಉಲ್ಲಾಳದ ಆಕ್ಸ್‌ಫರ್ಡ್ ಇನ್‌ಸ್ಟಿಟ್ಯೂಷನ್ಸ್, ಬಿಎನ್‌ಎಂ ಪ್ರೆಂಟ್ಸ್ ಆಫ್ ನೇಚರ್ ಕ್ಲಬ್ ಮತ್ತು ಬಿಎನ್‌ಎಂ ಇನ್‌ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ ಸಹಯೋಗದೊಂದಿಗೆ 'ಗ್ರೀನೋವೇಟ್ - 2025' ಒಂದು ದಿನದ ಕಾರ್ಯಾಗಾರವನ್ನು ಉದ್ಘಾಟಿಸಿ ಮಾತನಾಡಿದ ಅವರು, ನಾನು ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿಯ ವೈಜ್ಞಾನಿಕ ಅಧಿಕಾರಿಯಾಗಿದ್ದಾಗ ಅನೇಕ ಕಾರ್ಖಾನೆಗಳಿಗೆ ಭೇಟಿ ಕೊಡುತ್ತಿದ್ದೆ. ಅವರೆಲ್ಲಾ ತಮ್ಮ ಉತ್ಪನ್ನಗಳನ್ನು ತಯಾರಿಸುವುದಕ್ಕೆ ಕೊಟ್ಟ ಮಹತ್ವವನ್ನು ಅದರಿಂದ ಉತ್ಪನ್ನವಾಗುವ ತ್ಯಾಜ್ಯದ ಬಗ್ಗೆ ಕಾಳಜಿ ಮಾಡುವುದಿಲ್ಲ. ಈ ಕುರಿತು ಪ್ರಶ್ನಿಸಿದಾಗ ತ್ಯಾಜ್ಯ ನಿರ್ವಹಣೆಗೆ ಸೂಕ್ತ ತಂತ್ರಜ್ಞಾನವೇ ಲಭ್ಯವಿಲ್ಲ ಎಂಬ ಅಸಹಾಯಕತೆ ವ್ಯಕ್ತವಾಗುತ್ತಿತ್ತು. ಹೀಗಾಗಿ ಆ ನಿಟ್ಟಿನಲ್ಲಿ ಹೊಸ, ಹೊಸ ತಂತ್ರಜ್ಞಾನಗಳನ್ನು ಪರಿಚಯಿಸುವ ಹೊಣೆಗಾರಿಕೆ ಇಂದಿನ ಪೀಳಿಗೆಯ ಮೇಲಿದೆ. ಇದಕ್ಕಾಗಿ ಇಂದು ಸರ್ಕಾರ ಹಾಗೂ ಅನೇಕ ಕಾರ್ಪೊರೇಟ್ ಕಂಪನಿಗಳ ಸಿಎಸ್‌ಆರ್ ನಿಧಿ ಕೂಡಾ ನೆರವಾಗಲಿವೆ ಎಂದರು.

Hans India

Innovations vital for zero-waste future

HANS NEWS SERVICE
BENGALURU

WITH the challenge of mounting urban waste looming large, experts have urged India's youth to drive innovation in sustainable waste management technologies. Speaking at the Greenovate 2025 workshop held at the Indian Institute of Science (IISc), former Karnataka State Pollution Control Board (KSPCB) scientist Dr. Balagangadhar emphasised the need for homegrown technological solutions and public participation to achieve a zero-waste future.

The one-day workshop was jointly organised by the Zero Waste Society of India (ZWSI), IISc campus, Oxford Institutions of Nagarabhavi and Ullal, BNMIT Friends of Nature Club, and the BNM Institute of Technology. Reflecting on his field experiences, Dr. Bala-



gangadhar remarked that while manufacturers focus heavily on production, they often neglect waste disposal. "Many industries still cite the lack of proper technology as an excuse. It's now up to the new generation to innovate and bridge this gap, supported by government initiatives and CSR funding," he said.

He highlighted the importance of behavioural change and cited Indore's example as India's cleanest city — made possible through citizen participation and effective waste management systems.

ZWSI President Dr. B.R.

Supreeth, who presided over the event, called India's large youth population its greatest asset. "With Bengaluru as a startup hub, there is a growing demand for mentorship and research-driven innovation. ZWSI is committed to supporting multiple green startups in 2025," he said.

ZWSI General Secretary Dr. Pratibha noted that awareness and grassroots engagement are key to the Society's mission. The event also featured student innovators and showcased technologies designed to reduce waste and promote environmental responsibility.

23/07/2025 BENGALURU Pg 02

news
one



LIVE TV

MORE +



Bengaluru: With rising urban waste posing a critical environmental threat, experts are now calling for urgent adoption of modern, homegrown technologies to tackle the crisis. At a one-day workshop titled 'Greenovate 2025' held at the Indian Institute of Science (IISc), Bengaluru, former Karnataka Pollution Control Board scientist Dr Balagangadhar made a strong pitch for zero-waste innovations, urging India's youth to lead the way in creating sustainable solutions.

The workshop was jointly organised by the Zero Waste Society of India (ZWSI), IISc campus, Oxford Institutions of Nagarabhavi and Ullal, BNMIT Friends of Nature Club, and the BNM Institute of Technology.

LIVE TV

Industrial waste ignored, says former pollution control official



"Voices of Impact: Feedback & Takeaways"

WELL-ORGANIZED EVENT – THE PRODUCTION WAS CONDUCTED IN A STRUCTURED AND SMOOTH MANNER.

ENVIRONMENTALLY CONCERNED THEME – THE EVENT STRONGLY REFLECTED ENVIRONMENTAL AWARENESS AND RESPONSIBILITY.

GOOD HOSPITALITY – FOOD AND FACILITIES PROVIDED WERE SATISFYING AND WELL-MANAGED.

IDEA SHOWCASE & GUIDANCE – PARTICIPANTS COULD PRESENT THEIR INNOVATIVE PRODUCTS AND IDEAS, WITH SCOPE FOR FURTHER GUIDANCE AND IMPROVEMENT.

STUDENT PLATFORM – IT SERVED AS AN EXCELLENT PLATFORM FOR YOUNG STUDENTS TO ENGAGE WITH ZWSI AND GAIN EXPOSURE.

Join the Movement: Exciting Events Ahead!

Stay tuned for a series of engaging webinars and hands-on workshops designed to equip you with cutting-edge knowledge on sustainability and waste management. Students can earn AICTE activity points, gain valuable internship opportunities, and receive certificates to boost their professional portfolio—all while making a real impact on society! Don't miss out on these enriching experiences. [Become a ZWSI member today](#), and be the first to access these exciting events, contribute to a greener future, and be part of a passionate community working towards a [Zero Waste Society](#)!



ADVISORY PILLARS

13

*“Experience That Inspires,
Knowledge That Guides.”*



“We are privileged to be guided by a panel of highly accomplished scientists and professionals. With vast experience across diverse sectors, they have made remarkable achievements in their respective fields and now serve as the guiding force of the Zero Waste Society of India. Their wisdom, mentorship, and vision continue to inspire us as we work together towards a more sustainable future.”



Our Torchbearers of Learning

Dr. Shashishekhar T. R., Professor, is a distinguished researcher and mentor whose work bridges innovation and sustainability. With a Ph.D. and vast academic experience, he has published significant research in reputed journals such as Elsevier Journal of Photochemistry & Photobiology and Applied Surface Science Advances. His pioneering studies on nanomaterials, photocatalysis, and eco-friendly synthesis highlight his commitment to addressing industrial and environmental challenges. Beyond publications, his innovative patents—including portable devices for heavy metal detection in water and antimicrobial face masks—demonstrate his focus on practical solutions with societal impact. As a teacher, he continues to inspire students through his dedication to research, innovation, and knowledge-sharing.



Dr. Helen Roselene, M.Sc., M.Phil., B.Ed., PGDPA, Ph.D., DBRM, V.LEAD Auditor ISO 14001:2015.IRCA, QCI, is the HOD & Assistant Professor of Environmental Science.

She is a passionate teacher and mentor whose dedication to sustainability has touched countless lives. She has led initiatives such as the Awareness Talk on the Effect of Plastic on Health and Silk Waste Management for Farmers.

Her workshop Beyond the Surface provided deep insights into soil health and air quality.

Eco-friendly practices are central to her work, from tree plantation drives to Ganesha idol-making workshops.

Her innovative research is recognized under CLAAS-10 and SUBCLASS-04 patent classifications.

She combines academic excellence with social responsibility, guiding students with vision and purpose.

Through her efforts, she continues to inspire the community towards a greener, sustainable future.



Our Torchbearers of Learning

15

Dr. Prathibha B. S., Professor and Head of Chemistry at BNMIT, Bengaluru, is an inspiring academician, researcher, and mentor.

She holds an M.Sc. from Central College, Bangalore, and a Ph.D. from Kalasalingam University, Tamil Nadu.

With 24 years of teaching and 15 years of research experience, she has built a remarkable academic legacy. She has published 33 research papers in reputed journals and holds 29 patents, both national and international.

Her expertise spans Material Science, Corrosion, Nanotechnology, and Water Treatment.

She has delivered keynote talks at international conferences and organized major events, including 2 international conferences and 17 workshops.

Her leadership is reflected in chairing technical sessions and guiding students toward research and innovation.

A lifelong learner, she has completed 17 certification courses in diverse scientific and professional fields. She has authored and edited books, contributing significantly to the body of knowledge in Chemistry. Her excellence has been recognized with numerous awards, including the Indira Priyadarshini Award and India's Inspiring Teachers' Award 2024. Her dedication and integrity make her a role model not just in the laboratory but in life.

A hardworking and dedicated mentor, Dr. Prathibha continues to inspire students with her passion for education, research, and innovation.



“Every great change begins with a teacher who dared to believe in their student.”



5 September 2025

>>>E-NEWSLETTER<<<

ECOVISION

Redefining Waste, Restoring Balance

गुरुर्ब्रह्मा गुरुर्विष्णुर्गुरुर्देवो
महेश्वरः
गुरुः साक्षात् परब्रह्म तस्मै
श्रीगुरुवे नमः ॥

*ZWSI wishes all teachers a very
Happy Teachers' Day!*

We honor and thank all educators who enlighten minds, inspire hearts, and guide us towards a better, sustainable future. Your noble work and dedication continue to shape generations.