ACHARYA INSTITUTE OF GRADUATE STUDIES

(NAAC Re-Accredited 'A+' Grade and Affiliated to Dr. Manmohan Singh Bengaluru City University)

Soladevanahalli, Bengaluru-560107

DEPARTMENT OF CHEMISTRY

Report Submission: 12/06/2026

Semester:	EVEN	**Academic Year:**	2025 – 26	**Venue:**	AI015F22-LH, 5th floor, ANA Block, Acharya Institutes
Event Date:	11/06/2026	**Time:**	10AM to 4PM	**Duration:**	06:00 hrs

Type of Event: Workshop

Event Name: One-Day Workshop on "From Molecules to Environment: Chemistry for Sustainability"

Target Audience:	All students and Faculty	**Number of Participants:**	33

Objectives:

1. Understand the Molecular Basis of Sustainability: Introduce students to how chemical structure and reactions at the molecular level influence environmental impact and resource efficiency.
2. Explore Green Chemistry Principles: Demonstrate how sustainable design, renewable feedstocks, and pollution prevention can be applied in chemical processes and materials.
3. Inspire Student Innovation: Encourage students to think critically about real-world environmental problems and how chemistry can be used to develop practical, eco-friendly solutions

Program Introduction: The workshop on "From Molecules to Environment: Chemistry for Sustainability" was successfully conducted, providing a comprehensive program on how sustainable design, renewable feedstock's, and pollution prevention drive modern chemical processes. The event successfully bridged the gap between theoretical science and eco-friendly practice, enabling students to master the core principles of green chemistry. By exploring these

cutting-edge concepts, participants gained a deeper understanding of how intentional molecular design directly impacts long-term environmental sustainability.

Beyond mastering the theory, participants engaged in practical exercises designed to spark immediate real-world application. Students analysed existing sustainable chemical technologies, identifying at least two distinct examples and proposing innovative ways to adapt them to current industrial or academic challenges. The program culminated with each participant developing a concrete proposal for a small-scale sustainable chemistry initiative, empowering them to bring actionable, green solutions back to their own campuses and local communities.

Theme of the Event: Encapsulates the essence of our workshop, which aims focuses on transforming scientific knowledge into impactful ecological action by bridging green chemistry with community stewardship. To put these concepts into practice, the initiative featured an energetic awareness rally for environmental conservation and plantation, promoting active eco-citizenship. This advocacy was immediately backed by a hands-on campus cleanup drive, demonstrating that true sustainability requires both intentional molecular design and a shared commitment to a clean, pollution-free environment.

Resource person:

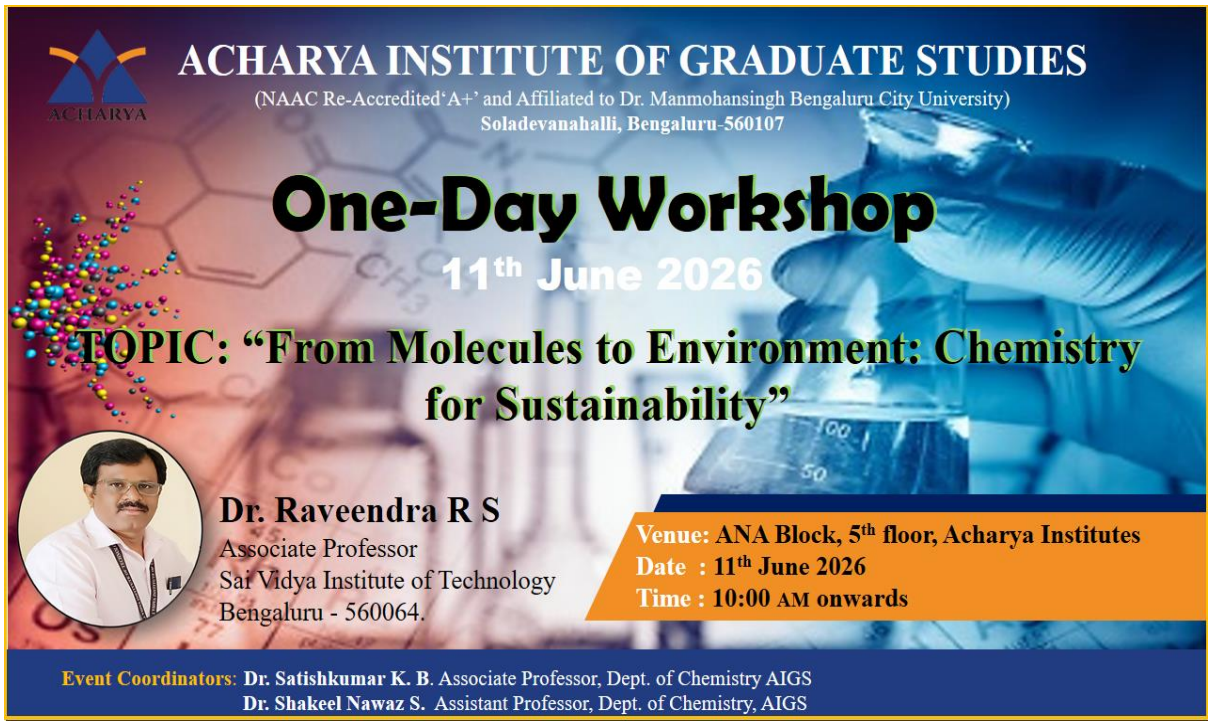
Dr. RAVEENDRA R. S. M.Sc. M.Phil. Ph.D., Associate Professor, Sai Vidya Institute of Technology, Bengaluru-560064

Detailed Report: Acharya Institute of Graduate Studies (AIGS) successfully hosted a One-Day Workshop on "From Molecules to Environment: Chemistry for Sustainability" in the Department of Chemistry on June 11th, 2026, from 10:00 AM to 04:00 PM. The workshop was held at the ANA Block, Acharya Institutes, Bengaluru. The event was meticulously organized by Dr. Satishkumar K. B. and Dr. Shakeel Nawaz S., the Department of Chemistry, with invaluable support and guidance provided by Principal Dr. Gurunath Rao Vaidya, The program commenced with a formal introduction of the resource person by Dr. Satishkumar K. B., setting the tone for the engaging sessions that followed Dr. Raveendra R. S., Associate Professor, Department of Chemistry, Sai Vidya Institute of Technology, Bengaluru, delivered an insightful session on Advancing molecular science to engineer eco-friendly solutions and safeguard our global environment for a sustainable future. The session was concluded by

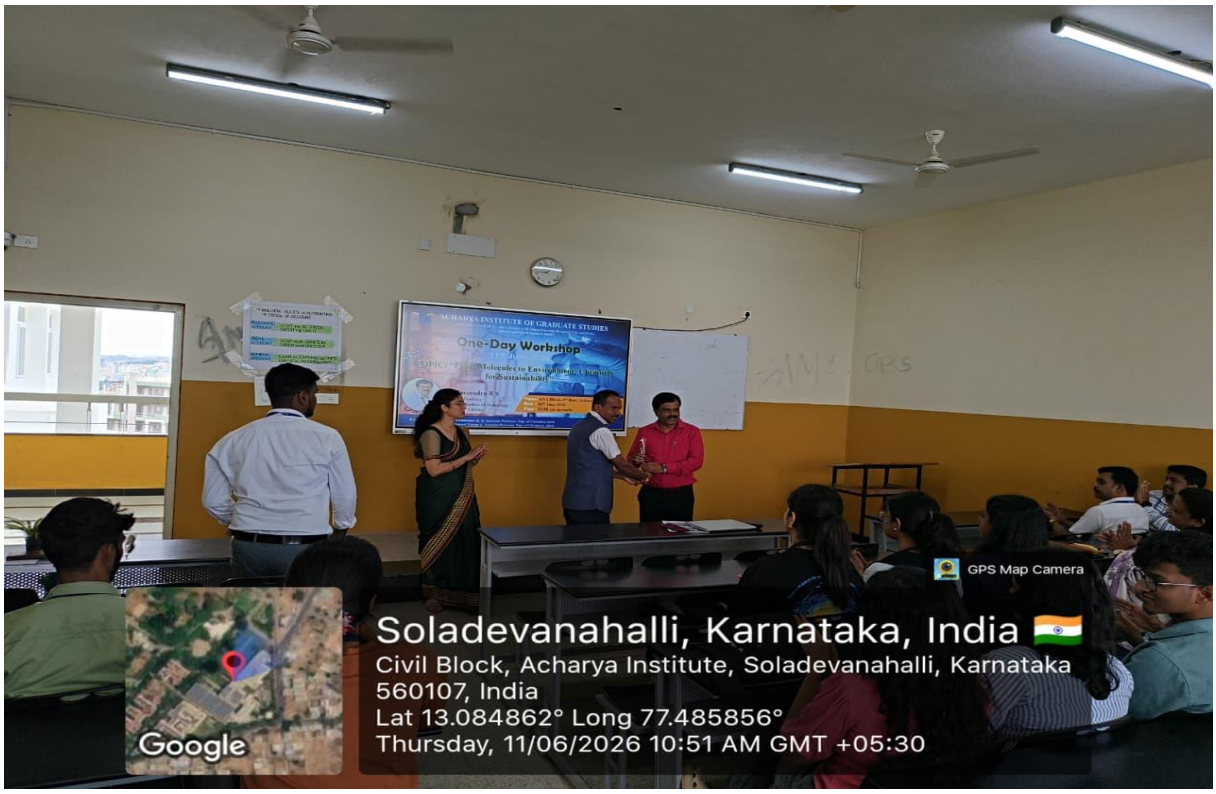
Dr. Shakeel Nawaz S. who succinctly summarized the key takeaways from Dr. Raveendra's presentation, effectively wrapping up the session's demonstrate how sustainable design, pollution prevention can be applied in chemical processes and materials.

Following the lunch break, the program resumed with an Student Activity session, were Dr. Shakeel Nawaz S and Dr. Satishkumar K.B, and Dr. Raveendra R. S, along with Students conducted Walkathon / Environment awareness rally inside the campus with slogans "Save Water – Save Life" "Lets Save our Earth" "Go Green – Go organic" "Utilize Renewable Energy" "Make our Planet Great Again" and subsequently campus clean up drive from students and faculties, and E-waste collection from campus, Leading into Plantation form resource person, Coordinators and Students, gaining valuable environmental awareness. The program culminated with a felicitation ceremony, where the resource person, Dr. Raveendra R. S., was honored for his invaluable contributions to the workshop. Dr. Shakeel Nawaz S. then delivered the vote of thanks, expressing his gratitude to all the participants for their active engagement, He also acknowledged the vital role played by Head of the Department in facilitating the smooth conduct of the workshop. The workshop witnessed an enthusiastic participation of around 33 students, who actively engaged with the resource person and organizers throughout the event. The day's proceedings came to a close with a group photograph, where participants, organizers, and the resource person came together to capture the memorable moments of a highly successful and enriching workshop.

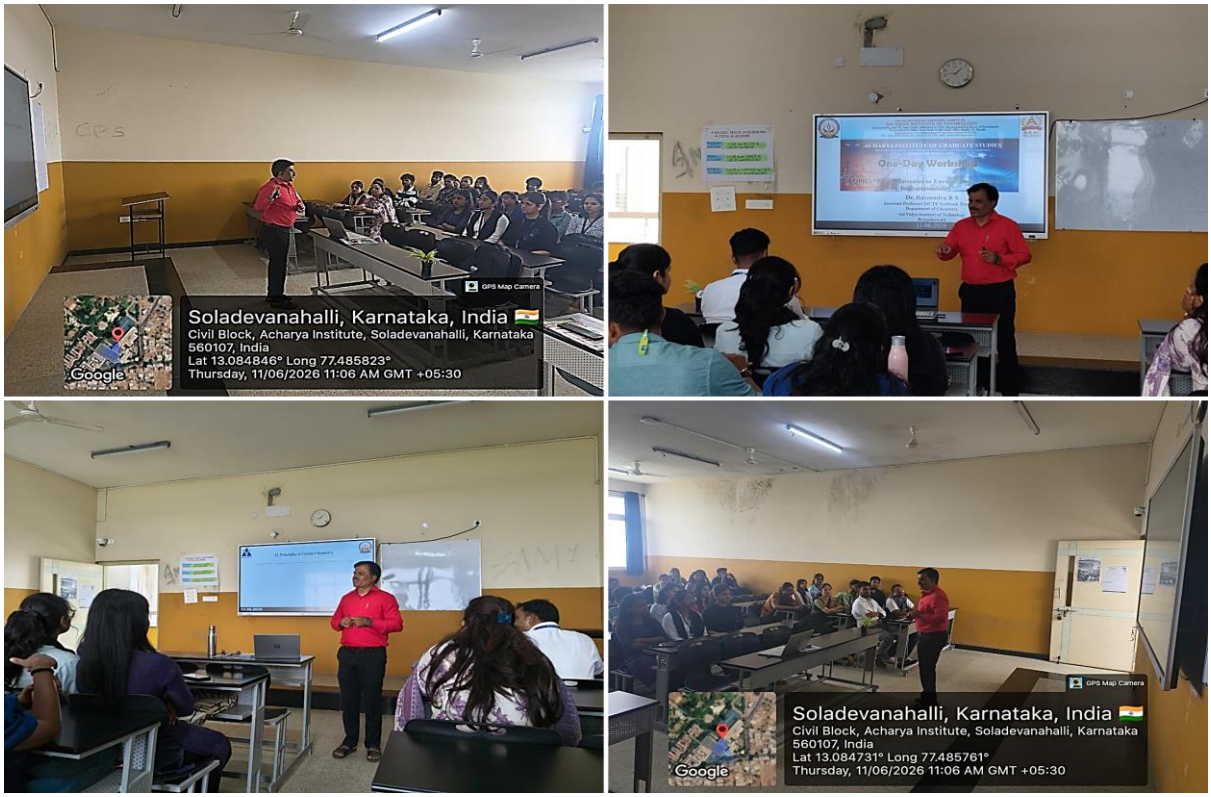
PHOTOS:



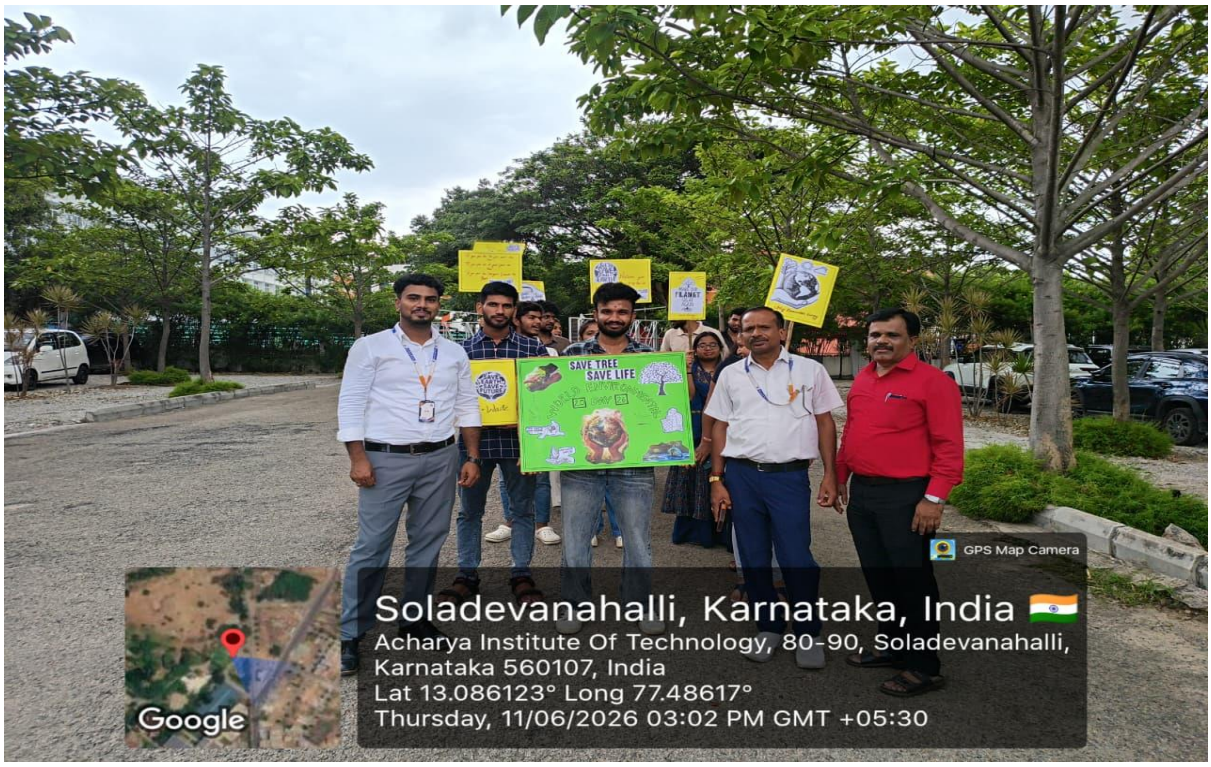
Workshop Banner



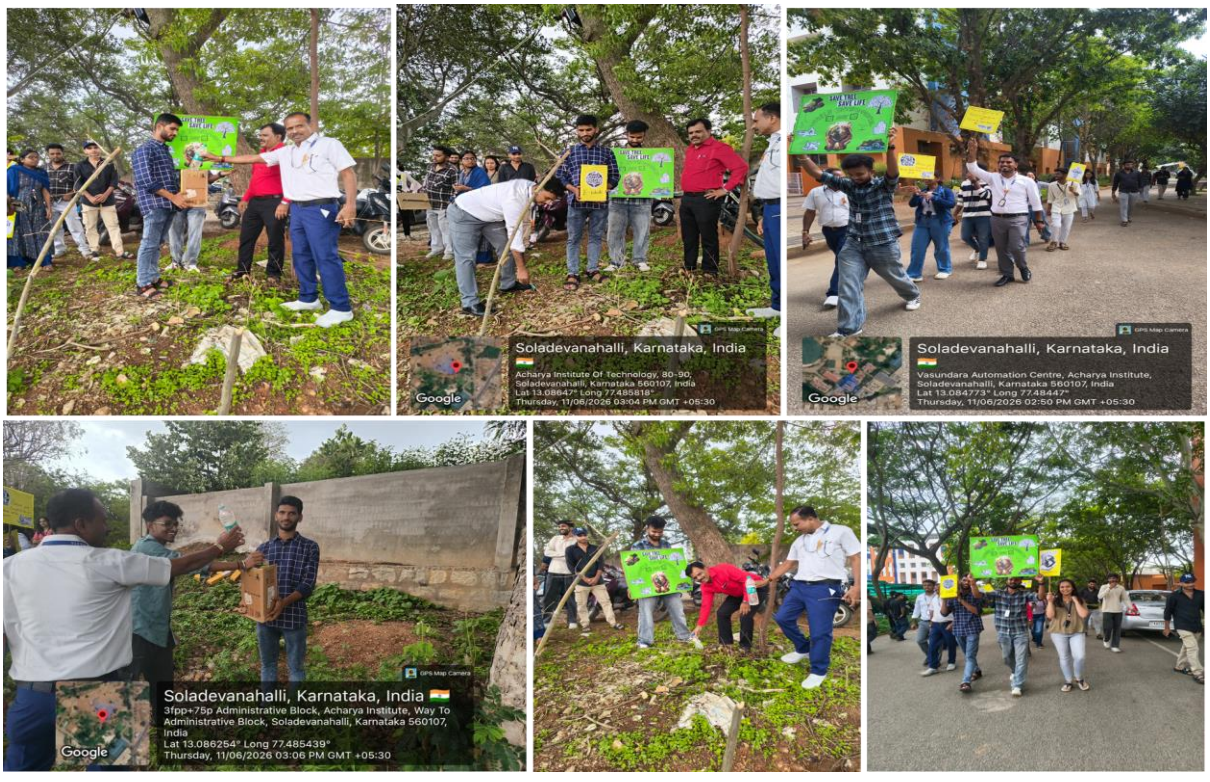
Honoring the Expert: Dr. Satishkumar K. B. Introduces Resource Person



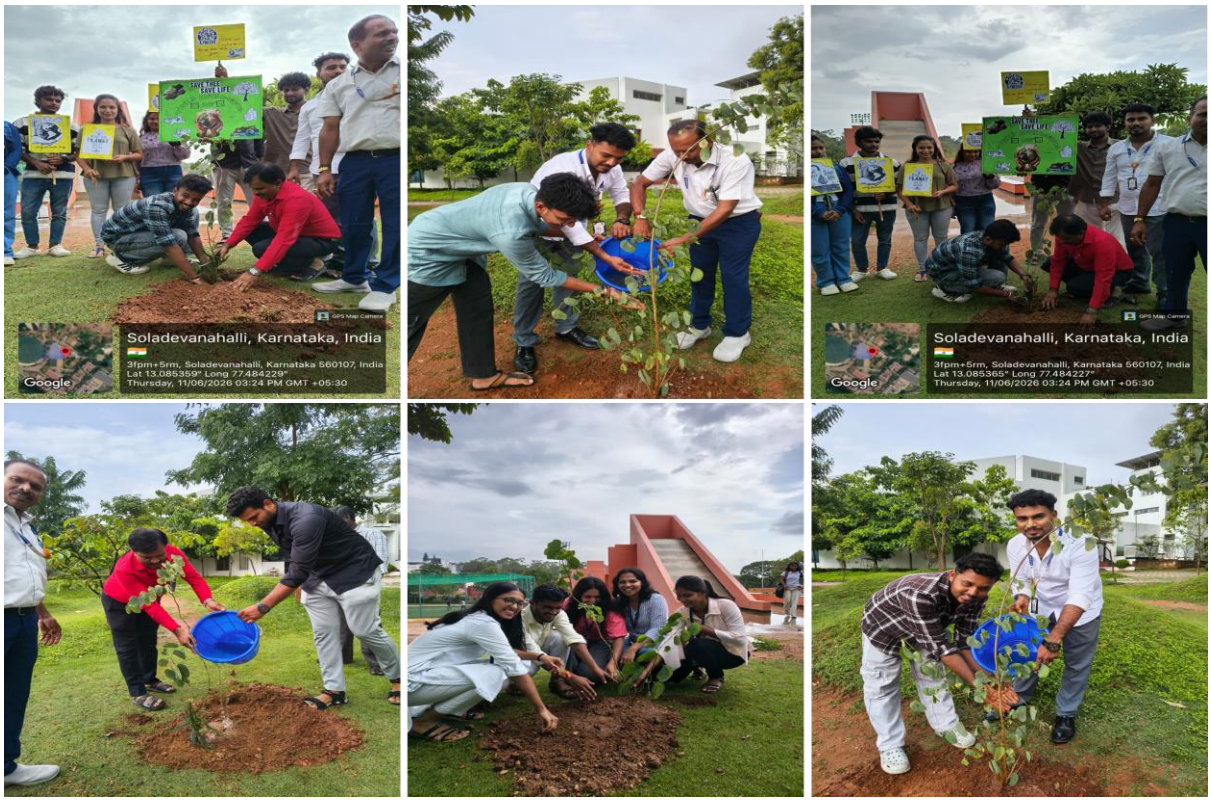
Dr. Raveendra R. S. (Resource person) addressing Students



Dr. Raveendra R. S. (Resource person), Dr. Satishkumar K.B, and Dr. Shakeel Nawaz S. along with Students conducted Walkathon / Environment awareness rally inside the campus

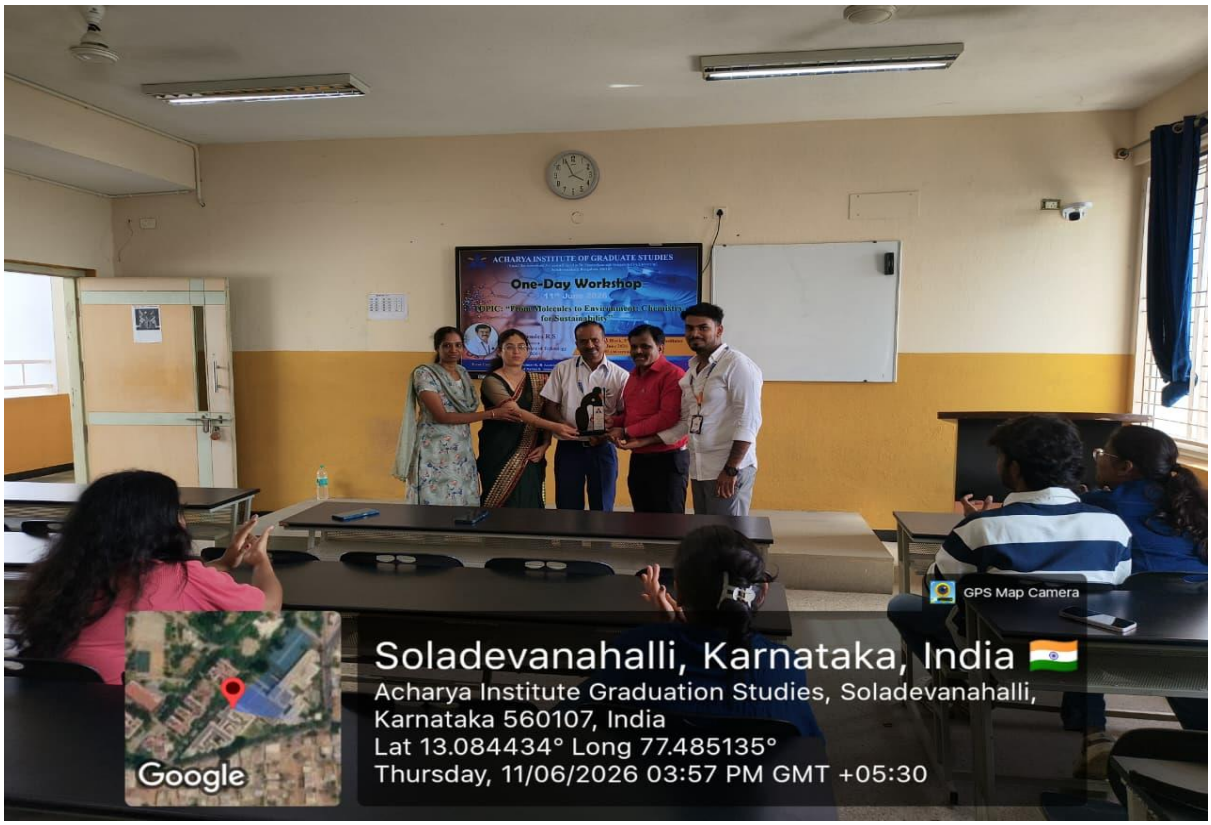


Campus Cleanup Drive by Students and faculties

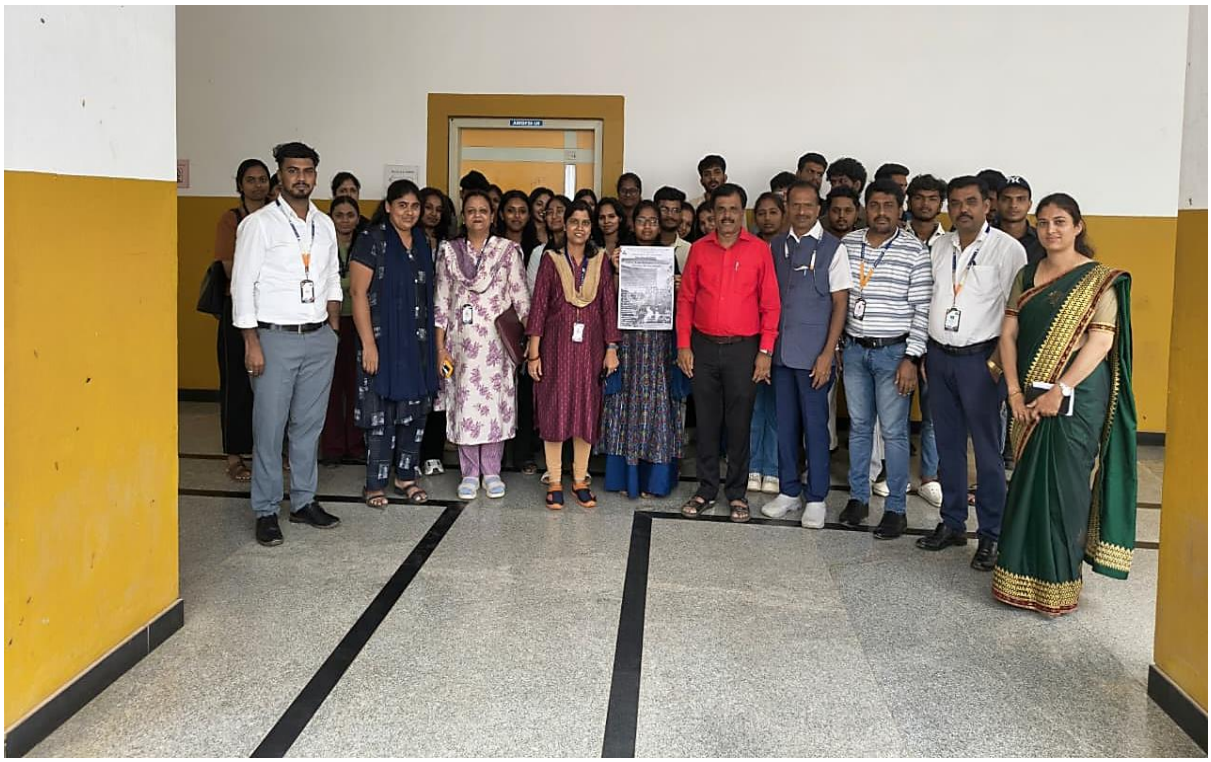


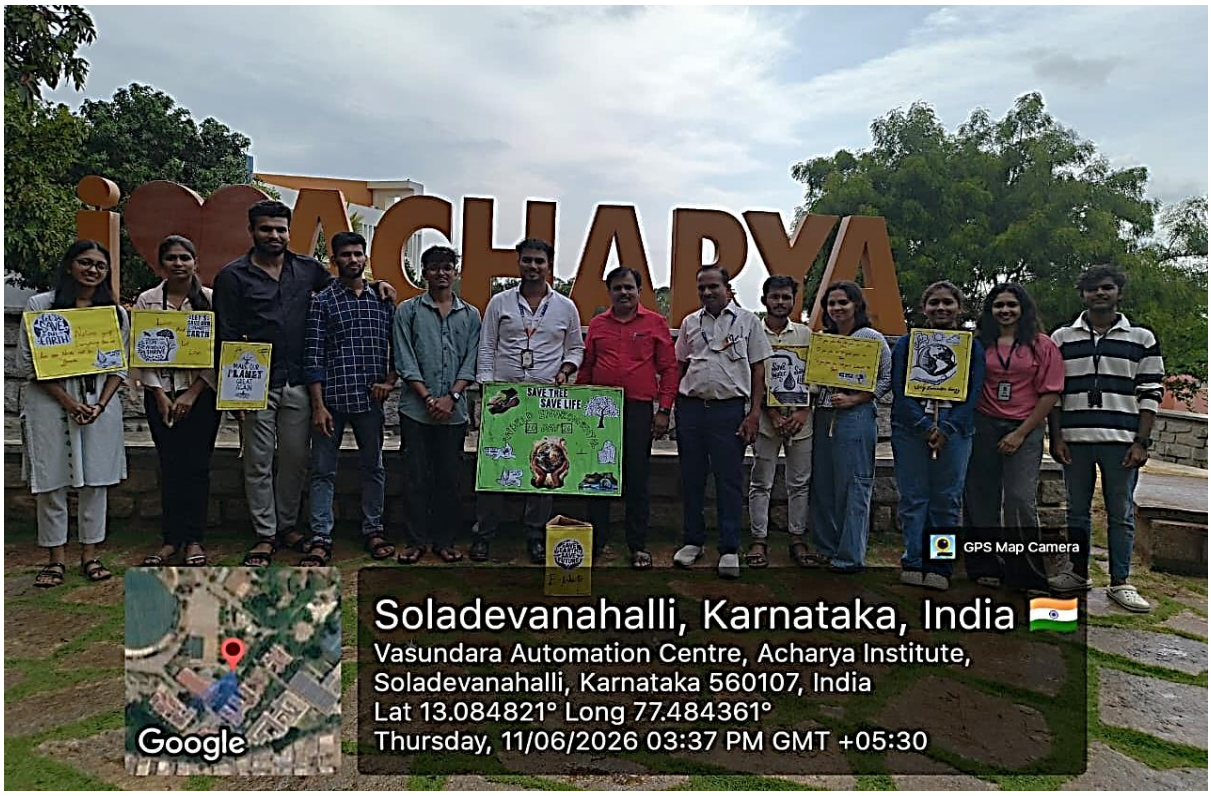
Plantation form Resource person, Coordinators and Students, gaining valuable environmental awareness

Dr. Shakeel Nawaz S, Event Coordinator, summarized the key takeaways from the workshop



Honoring our Resource Person: Vote of Thanks Ceremony





Group Photograph with Dr. Raveendra R. S., Event Coordinators, and Workshop Participants

Outcomes:

1. Enhanced Understanding: Students will be able to explain key concepts of green chemistry and link molecular design to environmental sustainability.
2. Practical Application Skills: Students will identify at least two examples of sustainable chemical technologies and suggest how they could be adapted or improved.
3. Motivated Action: Students will develop one actionable idea for a small-scale sustainable chemistry project or initiative relevant to their campus or community.

Conclusion and Audience Feedback Summary:

The workshop on "From Molecules to Environment: Chemistry for Sustainability" was a resounding success. Expert resource persons delivered insightful lectures on green chemistry principles, which were seamlessly paired with community-focused initiatives, including an energetic awareness rally for environmental conservation and plantation, and a hands-on campus cleanup drive.

Feedback from the participants was overwhelmingly positive, highlighting that the unique blend of molecular science and direct ecological action provided a deeply enriching experience. The practical training specifically in developing actionable campus sustainability projects and adapting eco-friendly technologies has significantly enhanced the participants' capability to drive real-world environmental stewardship. Dr. Satishkumar K. B. and Dr. Shakeel Nawaz S. and the coordinators, ensured the seamless execution of both the academic sessions and the outdoor extension activities. They express their sincere gratitude to the resource persons, enthusiastic participants, and supporting staff for making this workshop a highly valuable and impactful learning experience.

Feedback Analysis