



The ESChE Bi-monthly Newsletter

**The 25th anniversary
commemorative edition**

President's Message



Dear Members,

This year we proudly celebrate the 25-year journey of the Ethiopian Society of Chemical Engineers (ESChE), a milestone that reflects our collective dedication and impact. Preparations are already underway for our 25th Anniversary Celebration, planned for the week of 23rd March 2026. The program will feature an exhibition, our annual conference (general assembly), and a special panel discussion with our diaspora chapter, which includes the very first chemical engineering graduates of Addis Ababa University. The celebration will be held under the theme “Chemical Engineering for Circular Economy Transition in Ethiopia.”

I am also delighted to announce the re-launch of our e-newsletter, a platform designed “to create a sustainable platform that fosters professional growth, encourages research and innovation, and strengthens the visibility of chemical engineering contributions to national development.” Together with the launch of our brand-new [website](#), this marks the beginning of our renewed commitment to serve our members, amplify our profession’s voice, and strengthen collaboration across academia, industry, and society.

We are equally proud to be engaged in the Innovation for Sustainable Industrial Development in Ethiopia (ISID-Ethiopia) initiative, supporting young scholars through research grants, and outstanding student awards, all aimed at building an inclusive, resource-efficient, and climate-resilient industrial future.

As we look ahead, I warmly invite every member to actively participate in the upcoming 25th anniversary events. Your presence, ideas, and contributions will make this milestone truly meaningful. I also encourage you to share your insights through our e-newsletter, contribute to society activities, and engage in initiatives that strengthen our profession. Together, we can grow stronger, expand our impact, and help our nation in even greater ways than we have contributed so far.

Thank you for being part of this journey. Let us continue to move forward with unity, vision, and determination.

With respect and optimism,
Sintayehu Nibret (PhD)
President, Ethiopian Society of Chemical Engineers

Editor's Note: A New Era for ESChE

Welcome to the New Look

It is with great pride and a renewed purpose that we present the 25th Anniversary Commemorative Edition of our re-launched newsletter, "ChE", short for Chemical Engineering. As ESChE approaches its silver jubilee, this special celebratory issue bridges our distinguished legacy with a dynamic digital future. Historically, the Society maintained close engagement with members through printed publications. However, following a period of limited circulation through general meetings and workshops and due to rising printing costs; we are now transitioning to a modern, accessible electronic format. This bi-monthly e-newsletter is designed to re-energize member engagement and foster an active, connected professional community.



Objectives and Strategic Purpose

The revival of this publication is not merely a return to tradition, but a strategic initiative aligned with the Society's core objectives. These include:

Member Mobilization

- To build a cohesive network of chemical engineers within Ethiopia and abroad, enabling active participation in Society activities.

Professional Advocacy

- To serve as a credible platform for informing the public and policymakers on engineering-related issues, enhancing the visibility of the profession.

Knowledge Exchange

- To provide a forum for professionals across diverse specializations to share experiences, insights, and technical expertise.

Career Advancement

- To support lifelong learning and professional development through curated resources and opportunities.

Editor's Note: A New Era for ESChE

A Look Inside: Contents and Structure

The ChE bi-monthly publication is structured to provide a comprehensive overview of the discipline and its applications. Regular sections include Society news, official announcements, commercial updates, and feature articles that are both educational for students and refresher content for experienced practitioners. Featured themes include:



Basics: fundamental chemical engineering concepts, principles, unit operations and processes.



SHE: Analysis of Safety, Health, and Environment incidents, with emphasis on prevention and local case studies.



Looking Beyond: Historical perspectives on the emergence and evolution of chemical and allied processing industries worldwide.



Ethiopia's CPI: Reviews of the historical development and current status of Chemical Process Industries in Ethiopia.




ChE's Viewpoint: Perspectives on education, remuneration, and professional certification.



Catalyzing Incubation: Highlights of thematic research progress and outputs supported by initiatives such as Innovation for Sustainable Industrial Development in Ethiopia (ISID-Ethiopia).

Feature Article Themes for 2026

To guide contributors and readers, the following thematic focus areas have been identified for 2026:

 **March:** SHE (Safety, Health, and Environment)

 **May:** Looking Beyond

 **July:** Ethiopia's CPI

 **September:** ChE's Viewpoint

 **November:** Catalyzing Incubation

Call for Submissions

We invite all members to actively contribute articles, research summaries, and professional reflections. Whether you are a senior professional or an early-career engineer, your voice is vital to the growth of our Society. Contributions aligned with the annual thematic calendar are particularly encouraged.

Please send inquiries, suggestions, and submissions to the Editor at cheditor@eschenew.com.

As member engagement grows, we aim to further expand the reach and impact of ChE, ensuring it remains the premier platform for chemical engineering discourse in Ethiopia.

The 25th Anniversary Celebration

ESChE is a non-governmental, non-profit professional association established to promote and disseminate advancements in science and technology while contributing to national industrial development. Over the past 25 years, ESChE has organized seminars, workshops, exhibitions, and training programs to strengthen professional capacity and promote applied knowledge exchange in chemical engineering and allied fields.

With the support of the Institute of Ethiopian Standards (IES), the Society will celebrate its 25th Anniversary during the week of 23 March 2026 under the theme “Chemical Engineering for Circular Economy Transition in Ethiopia.” Events will be hosted at the Quality Village facilities in Gerji, Addis Ababa, home to key regulatory institutions including IES, the Ethiopian Metrology Institute, the Ethiopian Accreditation Service, the Ethiopian Conformity Assessment Enterprise, and the Ethiopian Technology Authority.

The celebration will consist of coordinated events culminating in the ESChE General Assembly, bringing together members, partners, alumni, and stakeholders. This silver jubilee provides an opportunity to reflect on achievements, rebrand the Society, recognize contributors, strengthen engagement, and define future strategic directions.

Objectives

The objectives of the 25th Anniversary Celebration are to:

- Enhance awareness among policymakers, decision-makers, and the public of the critical role of chemical engineering in sustainable industrial development.
- Reflect on the achievements and limitations of ESChE and rebrand the Society accordingly.
- Celebrate the legacy and contributions of ESChE to the advancement of chemical engineering in Ethiopia.
- Foster stronger engagement among members, alumni, students, academia, industry, and government institutions.
- Showcase the Society’s role in innovation, research, education, and professional development.
- Facilitate strategic dialogue on the future of chemical engineering in Ethiopia and the region.
- Lay the foundation for legacy initiatives such as innovation funds and mentorship programs.

The 25th Anniversary Celebration

Preparation and Coordination

To ensure effective planning, execution, and follow-up, five technical committees have been established: Planning and Programming; Exhibition and Legacy Panel Discussion; Publication and Communication Outreach; Resource Mobilization; and Annual General Assembly. These committees are working collaboratively across six key milestones to ensure strategic alignment and operational efficiency.

A matrix of synergistic activities has been developed to guide the interlinked responsibilities of each committee across six major milestones, as detailed below:

- Milestone 1: Early coordination focuses on confirming the venue, defining panel themes, outlining key publication components, and launching the initial draft of the event website.
- Milestone 2: Committees jointly advance efforts related to speaker invitations, formulation of a resource mobilization strategy, and preparations for the digital communication campaign.
- Milestone 3: Emphasis shift to finalizing speakers, securing sponsors, and initiating a comprehensive social media rollout.
- Milestone 4: The implementation phase focuses on operationalizing planned activities, identifying and addressing gaps, and organizing logistical components.
- Milestone 5: Final refinements are to be carried out, including publication production and rehearsal planning for all critical segments.
- Milestone 6: The committees oversee the full execution of the program and coordinate post-event reporting, ensuring accountability, documentation, and knowledge capture.

By working synergistically across these milestones, the committees foster integrated planning, reinforce strategic messaging, and mobilize the necessary resources and partnerships to ensure the success and legacy of the event.

The 25th Anniversary Celebration

Proposed Program Highlights

The events are envisaged to have series of media and public outreach programs including publication of ESChE Journal and Anniversary Newsletter. The following is the proposed content of the 25th Anniversary week.

- Opening Session: Welcome remarks, Official Opening, and Keynote Address
- Industrial Exhibition
- Panel Discussions
- Leadership Dialogue: Reflections on 25 years of ESChE existence and Future Directions
- Advances in Chemical Engineering Research: Results From Selected Academic Research Work
- Innovation for Sustainable Industrial Development: Selected Results From ISID Ethiopia Research Works vis-à-vis Poster Sessions
- Frontier Development in Chemical Engineering: Review of Emerging Challenges and Opportunities in the Field
- Visibility and Recognition of the Role of Chemical Engineering: Contribution of Chemical Engineering to National Development
- Chemical Engineering and Entrepreneurship: Opportunities and Challenges for Industrial Application and Investment
- Annual General Assembly: Approval of reports and selection of Executive Committee
- Laboratory Visits to the Ethiopian Conformity Assessment Enterprise
- Closing Cocktail Reception

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Society news

- ESChE signed a Memorandum of Understanding with Bule Hora University to enhance knowledge exchange, applied research, and institutional capacity building in science and engineering.



- On 2 January and 4 February 2025, the Society conducted seminars and discussions with Student Chapters at Addis Ababa Science and Technology University (AASTU)(Left) and Debre Berhan University(Right).



Society news

- The Society welcomed new Chemical Engineering students at Addis Ababa University and awarded laptops and certificates of appreciation to the top four undergraduate students nationwide under the ISID-Ethiopia Outstanding Students Award.



- ESChE participated in a validation workshop on chemical management systems under a Global Environment Facility (GEF)-financed circular economy project for the textile and garment sector.
- In August 2025, the Society provided Environmental & Social Impact Assessment consultancy service for the OVID Gelan Gura City Housing Development Project.
- Discussion was held with Chemical Engineering undergraduate students of AASTU on the activities of the society and their participation in the 25th anniversary celebration.





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