



MONTHLY HIGHLIGHT

INSTITUT TEKNOLOGI SUMATERA

01 July 2026

A New Leadership Era for Itera's Global Ambition



A new chapter began at Institut Teknologi Sumatera in July as Prof. Elfahmi officially took office as Rector for the 2026–2030 term. The leadership handover was held on July 1, 2026, at the Itera campus in Lampung, bringing together university leaders, government representatives, partners, and members of the academic community.

The moment was more than a change in leadership. It marked the beginning of a new direction for the university over the next four years. Prof. Elfahmi highlighted collaboration, research and innovation, digital transformation, and stronger global engagement as key areas for Itera's future, supporting its goal of becoming a world-class university.

With a growing role in education, research, and innovation, Itera now enters a new period with new expectations. The challenge ahead is not only to continue the progress that has been made, but also to turn it into greater impact for society and beyond. Under its new leadership, the university begins its next chapter with a clear focus on growth, collaboration, and global connections.



From Innovation To Impact, Physioanx Moves Beyond The Lab



On July 22, 2026, Itera took another step toward turning research into practical solutions through PhysioAnx, a technology developed by Itera researchers to support the early detection of anxiety levels. Tested on 275 subjects through 573 measurements, the technology showed promising results, with several evaluation indicators reaching above 96 percent. In July, the team prepared PhysioAnx for the next stage of implementation validation and commercialization, involving researchers, industry partners, and potential users.



The development is significant as anxiety becomes an increasingly relevant public health concern, while accessible tools for early screening remain important. More than a research achievement, PhysioAnx reflects Itera's effort to bring scientific work closer to society by moving research beyond the laboratory and toward a practical solution that could eventually benefit communities.



“Global Knowledge, Local Action,” Itera And Taiwan Collaborate For Pahawang’s Future



27 July 2026

In July, Institut Teknologi Sumatera brought international expertise closer to local challenges in Pahawang Island, Pesawaran, Lampung, through a collaboration with Taiwan’s Industrial Technology Research Institute (ITRI) and International Climate Development Institute (ICDI) Taiwan. The partnership explores solutions for energy resilience and climate adaptation, including the potential use of renewable energy technologies and electric transportation to support the island’s future development.



The collaboration connects knowledge from Taiwan with the real needs of a small island community facing challenges such as energy access, climate change, and rising temperatures. For ITERA, the initiative shows that international collaboration can go beyond meetings and agreements, creating opportunities for research and innovation to respond directly to challenges faced by local communities.

Itera and ITB Turn Tapioca Waste into New Energy

What if waste from one of Lampung's important agricultural industries could become a source of new energy? This idea is being explored through a research collaboration between Institut Teknologi Sumatera and Institut Teknologi Bandung to convert tapioca waste into bioethanol. In July, researchers from both institutions worked with industry stakeholders to develop and validate technology for turning tapioca waste into higher-value energy products, responding to the growing need for alternative energy sources in a region where cassava and tapioca production play an important role.



The research connects two challenges: how to make better use of agricultural waste and how to develop alternative sources of renewable energy. By using tapioca waste as a potential energy resource, the collaboration aims to create environmental and economic value while supporting practical applications of research. For Itera, the project shows how scientific work can move beyond the laboratory and contribute to solutions that are relevant to local industries and communities.



Itera Celebrates the Graduation of 1,504 Students

25 Juli 2026



On a July morning at the Itera, 1,504 students achieved a milestone they had strived for over the years, graduation. Their graduation expands the growing Itera alumni community, which has reached a total of 14,890 graduates since the university held its first commencement ceremony in 2016. Yet, behind these figures lie thousands of unique journeys, each shaped by years of learning, challenges, and personal growth.



One such journey belongs to Cika Amalia Shabira, the top graduate, who pursued her bachelor's degree with the support of the KIP Kuliah scholarship. Her story serves as a reminder that education can open doors to opportunities that once seemed out of reach. As these 1,504 graduates step off campus, they carry with them more than just a degree; they take the knowledge, experience, and values cultivated at Itera into society and the industrial world transforming the graduation moment from an ending into the beginning of new contributions.



July Reflection

July feels like a month of movement at Institut Teknologi Sumatera, when a new chapter begins, ideas move beyond the laboratory, and connections reach further than before. A new leadership direction sets the course, while research and innovation continue to respond to real-world needs, from PhysioAnx moving closer to practical use and tapioca waste being explored as a source of new energy, to global knowledge meeting local challenges in Pahawang. As 1,504 graduates step into society, another journey begins.

July was not simply about new beginnings, but about keeping things moving, from leadership and research to collaboration and contribution. Together, these milestones reflect a university moving forward with a stronger focus on collaboration, innovation, and meaningful contributions to society

- HUMAS ITERA -

ITERA.AC.ID