



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

115

Number of
University Spinoffs

3,295

Number of
Faculty Staff

Research

ITS' Collaboration on Palm Oil Industry Development

ITS expanded research collaboration with NGOs and government-linked organizations through the Palm Oil Research Grant Program (GRS), supported by BDPKS. ITS was awarded approximately Rp 10 billion to support six different research titles aimed at innovation, productivity, efficiency, and sustainability within the palm oil industry. The grant process involved initial calls for proposals in early 2024, followed by socialization and intensive proposal coaching clinics hosted by the Directorate of Research and Community Service, culminating in the final funding announcement in mid-2024.



Stewardship

ITS' REIDI, the largest living lab in Indonesia

Research and Innovation Ecosystem for Sustainable Development (REIDI) ITS serves as a dynamic platform that integrates education, research, innovation, and community engagement within a real-world context. Spearheaded by ITS, REIDI brings together diverse stakeholders—universities, industries, government, and society—to co-create and test sustainable solutions aligned with SDGs. The initiative transforms the ITS campus and its surrounding areas into an open laboratory for sustainable mobility, renewable energy, waste management, smart infrastructure, and social innovation.



By bridging scientific research with practical application, REIDI not only accelerates Indonesia's transition toward sustainability but also strengthens ITS role as a national leader in innovation-driven development.

ITS Startup Development Programs

ITS Youth Technopreneur (IYT)

IYT is a flagship program designed to cultivate entrepreneurial spirit and innovation among students. The program provides a structured pathway for young innovators to transform creative ideas into technology-based business ventures through mentoring, workshops, prototype development, and business incubation. IYT emphasizes practical experience and collaboration, encouraging students from diverse disciplines to address real-world challenges through sustainable and market-oriented solutions. Supported by the ITS Center for Creative Innovation and Entrepreneurship (CIIE), the program has produced promising startups and innovators who contribute to Indonesia's growing digital and green economy.



Through IYT, ITS reinforces its commitment to nurturing the next generation of technopreneurs who embody creativity, resilience, and social responsibility.

HETI Student Youngpreneurship

HETI Student Youngpreneurship is an entrepreneurial development initiative under the Hub of Entrepreneurial and Technological Innovation (HETI) at Institut Teknologi Sepuluh Nopember (ITS). The program aims to empower students with the knowledge, skills, and mindset needed to become innovative and socially responsible entrepreneurs.

Through a combination of training, mentorship, business plan development, and pitching opportunities, HETI Student Youngpreneurship provides a platform for students to transform ideas into impactful business ventures. The program also fosters collaboration across disciplines, encouraging participants to design technology-based solutions that address societal and environmental challenges. By nurturing entrepreneurial leadership among students



This ecosystem has successfully produced numerous technology-based startups in sectors such as energy, marine, transportation, and digital solutions, reinforcing ITS commitment to translating research and creativity into sustainable entrepreneurial ventures that contribute to Indonesia's innovation-driven economy.