

ADVANCING
HUMANITY



ITS
Institut Teknologi
Sepuluh Nopember

Kampus
Merdeka
INDONESIA JAYA

ZONA
INTEGRITAS
MENCAPAI WILAYAH BEBAS KORUPSI DAN
WILAYAH BIROKRASI BERSIH DAN MELAYANI



2025 ANNUAL REPORT

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FTEIC | Fakultas Teknologi Elektro dan Informatika Cerdas
Institut Teknologi Sepuluh Nopember | www.its.ac.id



KATA PENGANTAR

FOREWORD

Puji syukur kami panjatkan kehadapan Tuhan Yang Maha Esa, karena atas karuniaNya Buku Laporan Tahunan FT-EIC ITS Tahun 2025 ini dapat diselesaikan.

Laporan ini disusun berdasar target kinerja yang sudah ditetapkan oleh pimpinan dalam hal ini Rektor ITS yang sudah ditandatangani sebagai Kontrak Kinerja antara Rektor ITS dengan Dekan Fakultas Teknologi Elektro dan Informatika Cerdas ITS Tahun 2025.

Laporan ini terdiri dari bagian :

1. Pendahuluan yang mencakup sejarah FT-EIC, Dasar Hukum dan Tugas Pokok dan Fungsi Fakultas;
2. Data Dasar yang mencakup Data Dosen, Tenaga Kependidikan, dan Mahasiswa;
3. Perencanaan Kinerja yang mencakup Visi dan Misi, Sasaran Fakultas, dan Kontrak Kinerja;
4. Akuntabilitas Kinerja yang terdiri dari Capaian Indikator Kinerja dan Rencana Perbaikan;
5. Kegiatan; dan
6. Prestasi dan Inovasi

Berdasarkan evaluasi terhadap 23 indikator kinerja, sebanyak 20 indikator telah melampaui target dengan capaian di atas 100%, 2 indikator mencapai 100%, dan 1 indikator masih berada di bawah 50%.

Laporan ini menjadi dasar untuk menilai efektivitas pelaksanaan kegiatan selama satu tahun serta sebagai acuan dalam melakukan perbaikan dan perencanaan program kerja pada tahun berikutnya.

Praise be to Almighty God for His blessings, which have enabled the completion of the 2025 Annual Report of the F-ELECTICS ITS.

This report has been prepared based on the performance targets established by the leadership, namely the Rector of ITS, as formalized in the Performance Contract signed between the Rector and the Dean of the Faculty of Electrical Engineering and Intelligent Informatics Technology for the year 2025.

This report consists of the following sections :

1. *Introduction, which includes the history of F-ELECTICS, its legal basis, and its main duties and functions;*
2. *Basic Data, covering data on academic staff, administrative personnel, and students*
3. *Performance Planning, including the Faculty's vision and mission, strategic objectives, and performance contract;*
4. *Performance Accountability, comprising the achievement of performance indicators and improvement plans;*
5. *Activities; and*
6. *Achievements and Innovations.*

Based on the evaluation of 23 performance indicators, 20 indicators have exceeded their targets with achievements above 100%, 2 indicators achieved 100%, and 1 indicator remains below 50%.

This report serves as a basis for assessing the effectiveness of activities carried out throughout the year and as a reference for implementing improvements and planning programs for the following year.

DAFTAR ISI

DAFTAR GAMBAR.....	III
DAFTAR TABEL.....	IV
BAB I. PENDAHULUAN.....	1
1.1 SEJARAH FAKULTAS.....	2
1.2 TUGAS DAN FUNGSI SERTA STRUKTUR ORGANISASI.....	4
1.3 PROGRAM STUDI.....	11
BAB II. DATA DASAR.....	12
2.1 DOSEN.....	13
2.2 TENAGA KEPENDIDIKAN.....	16
2.3 MAHASISWA.....	17
BAB III. PERENCANAAN KINERJA.....	20
3.1 RENCANA INDUK PENGEMBANGAN.....	21
3.2 STRATEGI DAN PERJANJIAN KINERJA FT-EIC.....	23
BAB IV. AKUNTABILITAS KINERJA.....	26
4.1 CAPAIAN KINERJA.....	27
4.2 CAPAIAN SASARAN FAKULTAS.....	28
4.3 ANALISIS CAPAIAN KINERJA.....	30
BAB V. KEGIATAN.....	38
5.1 AI TALENT DAYS 2025.....	39
5.2 ELECTICS COLLABORATION DAYS 2025.....	42
5.3 ELECTICS SOCIAL IMPACT DAYS 2025.....	49
BAB VI. PRESTASI DAN INOVASI.....	51
6.1 TONGGAK SEJARAH FT-EIC.....	52
6.2 PRESTASI DAN INOVASI FT-EIC.....	54

DAFTAR GAMBAR

Gambar 1.1 Struktur Organisasi FT-EIC.....	6
Gambar 2.1 Sebaran Jabatan Fungsional Dosen FT-EIC Tahun 2025.....	14
Gambar 2.2 Sebaran Jabatan Fungsional Tiap Departemen.....	14
Gambar 2.3 Proporsi Persentase Guru Besar Berdasarkan Departemen.....	14
Gambar 2.4 Pendidikan Dosen FT-EIC 2025.....	15
Gambar 2.5 Pendidikan Dosen FT-EIC Tiap Departemen.....	15
Gambar 2.6 Persebaran Tendik FT-EIC 2025.....	16
Gambar 2.7 Grafik Jumlah Tenaga Kependidikan 2020-2025.....	16
Gambar 2.8 Rasio Mahasiswa Baru Berdasarkan Jenjang.....	17
Gambar 2.9 Sebaran Mahasiswa Aktif per Departemen.....	17
Gambar 2.10 Distribusi Mahasiswa Baru: Regular vs IUP.....	17
Gambar 2.11 Sebaran Mahasiswa Aktif per Departemen.....	18
Gambar 2.12 Tren Pertumbuhan Mahasiswa Aktif (S1, S2, S3) Tahun 2020-2025.....	19
Gambar 3.1 Dasar Penyusunan Renstra FT-EIC.....	23
Gambar 3.2 Dasar Penyusunan Komitmen FT-EIC.....	24
Gambar 3.3 Sasaran yang dicanangkan FT-EIC.....	25
Gambar 4.1 Grafik Nilai Kinerja FT-EIC 2023 - 2025.....	27
Gambar 4.2 Diagram Distribusi Hak Kekayaan Intelektual (HKI).....	31
Gambar 4.3 Grafik Jumlah Hak Kekayaan Intelektual (HKI) per Departemen.....	31
Gambar 4.4 Grafik Laboratorium Terproduktif Berdasarkan Capaian HKI.....	32
Gambar 4.5 Diagram Distribusi Co-Authorship Internasional per Departemen.....	32
Gambar 4.6 Grafik Jumlah Mahasiswa Inbound per Departemen.....	34
Gambar 4.7 Grafik Jumlah Mahasiswa Outbound per Departemen.....	35
Gambar 4.8 Grafik Jumlah Dosen Berdasarkan Rentang Indeks.....	36
Gambar 4.9 Grafik Jumlah H-Index per Departemen.....	36
Gambar 4.10 Grafik Jumlah Kerjasama.....	36
Gambar 4.11 Diagram Distribusi Sumber Dana.....	37
Gambar 4.12 Grafik Jumlah Pendanaan Per Departemen.....	37
Gambar 4.13 Grafik Jumlah Riset.....	37
Gambar 4.14 5 Laboratorium Pendanaan Terbanyak.....	37

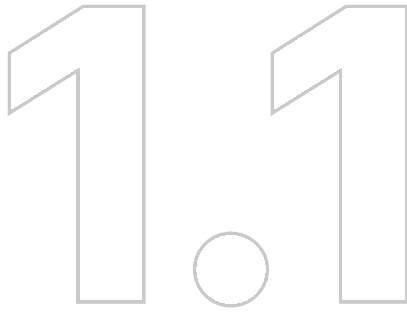
DAFTAR TABEL

Tabel 1.2 Departemen dan Program Studi di FT-EIC.....	11
Tabel 4.1 Capaian Indikator ELECTICS Prime Quality.....	28
Tabel 4.2 Capaian Indikator ELECTICS Prime Services.....	29
Tabel 4.3 Capaian Indikator ELECTICS Go Partnerships.....	29
Tabel 4.4 Capaian Indikator ELECTICS Go Global.....	29
Tabel 4.5 Dosen yang Mengalami Kenaikan Jabatan Fungsional.....	30



BAB I PENDAHULUAN

Chapter 1 | Introduction



SEJARAH FAKULTAS

HISTORY OF THE FACULTY

Pra-2020

Latar Belakang Pembentukan

1960 - Awal pengembangan bidang elektro di ITS.
1963 - Terbentuk Fakultas Teknologi Elektro (FTE).
1982 - FTE menjadi Jurusan Teknik Elektro dalam Fakultas Teknologi Industri (FTI).
1985 - Terbentuknya Jurusan Teknik Komputer (FTI).
1995 - Jurusan Teknik Komputer berubah menjadi Jurusan Teknik Informatika (FTI).
2001 - Berdiri Fakultas Teknologi Informasi (FTIf) yang menaungi Teknik Informatika dan Sistem Informasi.
2017 - Jurusan Teknik Elektro, Teknik Komputer, dan Teknik Biomedik berdiri sebagai FTE dan FTIf berubah menjadi FTIK (Fakultas Teknologi Informasi dan Komunikasi).

Pre-2020

Background of Establishment

1960 - Electrical engineering was introduced at ITS.
1963 - The Faculty of Electrical Technology (FTE) was established.
1982 - It became the Department of Electrical Engineering under the Faculty of Industrial Technology (FTI).
1985 - The Department of Computer Engineering was established (FTI).
1995 - The Department of Computer Engineering was renamed Informatics Engineering (FTI).
2001 - The Faculty of Information Technology (FTIf) was established.
2017 - Electrical Engineering became FTE, and FTIf evolved into FTIK.

2020

Pembentukan Fakultas Teknologi Elektro dan Informatika Cerdas (FT-EIC) merupakan transformasi organisasi ITS periode 2020–2024, yang menyatukan FTE dan FTIK dalam satu struktur untuk memperkuat integrasi keilmuan dan mendukung pengembangan teknologi menghadapi Revolusi Industri 4.0.

Pembentukan FTEIC

Departemen
Teknik Elektro
S1, S2, dan S3

Departemen
Teknik Komputer
S1

Departemen
Teknik Informatika
S1, S2, dan S3

Departemen
Teknik Biomedik
S1

Departemen
Sistem Informasi
S1, S2, dan S3

Departemen
Teknologi Informasi
S1

2020

The establishment F-ELECTICS was part of ITS's organizational transformation during the 2020–2024 period, uniting FTE and FTIK into a single structure to strengthen academic integration and support technological development in addressing the challenges of the Industrial Revolution 4.0.

Establishment of F-ELECTICS

Department of Electrical
Engineering
S1, S2, and S3

Department of Computer
Engineering
S1

Department of
Informatics Engineering
S1, S2, and S3

Department of
Biomedical Engineering
S1

Department of
Information Systems
S1, S2, and S3

Department of
Information Technology
S1

2021

Pengakuan Mutu Internasional

FT-EIC memperoleh akreditasi ASIIN untuk program studi berikut:

Departemen Teknik Elektro
S1 dan S2

Departemen Teknik Informatika
S1 dan S2

Departemen Sistem Informasi
S1 dan S2

Departemen Teknik Komputer
S1

Departemen Teknik Biomedik
S1

2021

International Quality Recognition

F-ELECTICS obtained ASIIN accreditation for the following study programs:

Department of Electrical Engineering
S1 and S2

Department of Informatics Engineering
S1 and S2

Department of Information Systems
S1 and S2

Department of Computer Engineering
S1

Department of Biomedical Engineering
S1

2022

Pengembangan Program Studi

Program Studi Teknik Telekomunikasi
(Departemen Teknik Elektro) – Akreditasi
LAM Teknik

2022

Development of Study Programs

*Telecommunications Engineering Study
Program (Department of Electrical
Engineering) – LAM Teknik accreditation*

2023

Pengembangan Program Studi

- Inovasi Digital (Departemen Sistem Informasi), Akreditasi BAN-PT
- Rekayasa Kecerdasan Artificial (Departemen Teknik Informatika), Akreditasi LAMINFOKOM
- Rekayasa Perangkat Lunak (Departemen Teknik Informatika), Akreditasi LAMINFOKOM

2023

Development of Study Programs

- Digital Innovation Study Program (Department of Information Systems), BAN-PT accreditation
- Artificial Intelligence Engineering Study Program (Department of Informatics Engineering), LAMINFOKOM Accreditation
- Software Engineering Study Program (Department of Informatics Engineering), LAMINFOKOM Accreditation

1.2

TUGAS DAN FUNGSI SERTA STRUKTUR ORGANISASI

DUTIES, FUNCTIONS, AND ORGANIZATIONAL STRUCTURE

Berdasarkan Peraturan Rektor Institut Teknologi Sepuluh Nopember Nomor 33 Tahun 2024 tentang Organisasi dan Tata Kerja Fakultas, pada Bab II mengenai Fakultas dijelaskan bahwa fakultas memiliki fungsi sebagaimana diatur dalam ketentuan tersebut dan dalam pelaksanaannya menyelenggarakan tugas-tugas sebagai berikut:

- merumuskan rencana strategis dan operasional Fakultas dalam bidang pendidikan, penelitian, kerja sama, dan pengabdian kepada masyarakat;
- merumuskan strategi dan program pengembangan untuk mendukung tercapainya world class university;
- memetakan potensi Departemen dan lintas Departemen dalam lingkup Fakultas untuk promosi dan kerja sama akademik;
- melaksanakan pengembangan dan pembinaan sumber daya manusia;
- mengelola program lintas Departemen dalam lingkup Fakultas dalam bidang pendidikan, penelitian, kerja sama, dan pengabdian kepada masyarakat;
- mengelola media informasi online maupun cetak milik Fakultas dan Departemen di bawahnya;
- mengoordinasikan pengelolaan dan pengembangan pendidikan dan kemahasiswaan pada lingkup Fakultas;

Based on Rector Regulation of Institut Teknologi Sepuluh Nopember Number 33 of 2024 concerning the Organization and Governance of Faculties, Chapter II stipulates that the Faculty performs its functions as regulated therein and, in carrying out such functions, undertakes the following duties:

- to formulate the Faculty's strategic and operational plans in the areas of education, research, cooperation, and community service;*
- to formulate development strategies and programs to support the achievement of a world-class university;*
- to map the potential of Departments and interdepartmental collaborations within the Faculty for academic promotion and cooperation;*
- to implement the development and capacity building of human resources;*
- to manage interdepartmental programs within the Faculty in the areas of education, research, cooperation, and community service;*
- to manage the Faculty's and its Departments' online and printed information media;*
- to coordinate the management and development of education and student affairs within the Faculty;*

- h. mengoordinasikan promosi potensi Fakultas dan kerja sama akademik berdasarkan potensi masing-masing Departemen maupun lintas Departemen;
- i. mengoordinasikan verifikasi autentikasi publikasi ilmiah dari Departemen;
- j. mengoordinasikan kebutuhan data Departemen di lingkup Fakultas untuk mendukung tercapainya world class university;
- k. mengoordinasikan, mengendalikan, mengevaluasi, dan menindaklanjuti hasil laporan penjaminan mutu di Departemen dan Fakultas;
- l. melaksanakan evaluasi dan monitoring keuangan, standar proses dan layanan di lingkup Fakultas; dan
- m. melaksanakan evaluasi dan pelaporan penyelenggaraan program kerja Fakultas dalam bidang pendidikan, penelitian, kerja sama, dan pengabdian kepada masyarakat serta melaksanakan tindak lanjut perbaikan.

Berdasarkan Pasal 4 Peraturan Rektor Institut Teknologi Sepuluh Nopember Nomor 33 Tahun 2024 tentang Organisasi dan Tata Kerja Fakultas, susunan organisasi di bawah organ Fakultas ditetapkan sebagai berikut:

Susunan organisasi di bawah organ Fakultas terdiri atas:

- a. Dekan;
- b. Wakil Dekan;
- c. Komite Pertimbangan Fakultas;
- d. Departemen; dan
- e. Bagian Tata Usaha Fakultas.

Adapun struktur organisasi FT-EIC Tahun 2025, termasuk jajaran pimpinan dan manajemen fakultas, disajikan pada **Gambar 1.1.**

- h. to coordinate the promotion of the Faculty's potential and academic cooperation based on the potential of each Department and interdepartmental initiatives.
- i. to coordinate the verification and authentication of scientific publications from the Departments;
- j. to coordinate the data requirements of Departments within the Faculty to support the achievement of a world-class university;
- k. to coordinate, control, evaluate, and follow up on the results of quality assurance reports at the Departmental and Faculty levels
- l. to conduct evaluation and monitoring of financial management, process standards, and service standards within the Faculty; and
- m. to carry out evaluation and reporting on the implementation of the Faculty's work programs in the areas of education, research, cooperation, and community service, as well as to implement corrective follow-up actions.

Based on Article 4 of the Rector Regulation of Institut Teknologi Sepuluh Nopember Number 33 of 2024 concerning the Organization and Governance of Faculties, the organizational structure under the Faculty organ is stipulated as follows:

The organizational structure under the Faculty organ consists of:

- a. the Dean;
- b. the Vice Dean;
- c. the Faculty Advisory Committee;
- d. the Departments; and
- e. the Faculty Administrative Office.

The organizational structure of the F-ELECTICS for 2025, including its leadership and management team, is presented in **Figure 1.1.**

Gambar 1.1 Struktur Organisasi FT-EIC
Figure 1.1 F-ELECTICS Organizational Structure

FT-EIC



DEKAN FT-EIC

PROF. DR. IR. DIANA PURWITASARI, S.KOM., M.SC.



WAKIL DEKAN FT-EIC

DIMAS ANTON ASFANI, S.T., M.T., PH.D.



KEPALA BAGIAN FAKULTAS

AGUS DWI PURWOLASTONO, S.E., M.ACC., AK.



KEPALA DEPARTEMEN
RONNY MARDIYANTO, S.T., M.T., PH.D



SEKRETARIS DEPARTEMEN
PROF. DR. HERI SURYOATMOJO, S.T., M.T



KETUA PROGRAM STUDI S1 TEKNIK ELEKTRO
DR. MOCHAMMAD SAHAL, S.T., M.SC



KETUA PROGRAM STUDI S1 TEKNIK TELEKOMUNIKASI
DR. TECHN. PRASETIYONO HARI MUKTI, S.T., M.T.



KETUA PROGRAM STUDI PASCASARJANA
DR. DEVY KUSWIDIASTUTI, S.T., M.SC

TEKNIK ELEKTRO

TEKNIK INFORMATIKA



KEPALA DEPARTEMEN

ARY MAZHARUDDIN SHIDDIQI, S.KOM., M.COMP.SC., PH.D.



KEPALA DEPARTEMEN

DR. RADITYO ANGGORO, S.KOM, M.SC.



**KETUA PROGRAM STUDI
S1 TEKNIK INFORMATIKA (2025)**

HADZIQ FABROYIR, S.KOM., PH.D.



**KETUA PROGRAM STUDI
S1 TEKNIK INFORMATIKA BARU**

BINTANG NURALAMSYAH, S.KOM., M.KOM.



**KETUA PROGRAM STUDI
S1 REKAYASA KECERDASAN ARTIFISIAL**

DR. ANNY YUNIARTI, S.KOM., M.COMP.SC.



**KETUA PROGRAM STUDI S1 REKAYASA
PERANGKAT LUNAK**

PROF. DANIEL ORANOVA. SIAHAAN, S.KOM.
M,SC, PD.ENG



KETUA PROGRAM STUDI PASCASARJANA

HUDAN STUDIAWAN, S.KOM., M.KOM., PH.D.



KEPALA DEPARTEMEN
PROF. DR. WIWIK ANGGRAENI, S.SI., M.KOM.



SEKRETARIS DEPARTEMEN
EDWIN RIKSAKOMARA, S.KOM., M.T.



KETUA PROGRAM STUDI S1 SISTEM INFORMASI
FAIZAL MAHANANTO, S.KOM., M.ENG., PH.D.



KETUA PROGRAM STUDI S1 INOVASI DIGITAL
IR. ACHMAD HOLIL NOOR ALI, M.KOM.



KETUA PROGRAM STUDI PASCASARJANA
PROF. NUR AINI RAKHMAWATI, S.KOM., M.SC.ENG., PH.D.

SISTEM INFORMASI



KEPALA DEPARTEMEN
DR. ARIEF KURNIAWAN, S.T., M.T.



SEKRETARIS DEPARTEMEN
DR. DIAH PUSPITO WULANDARI, S.T., M.SC.

TEKNIK KOMPUTER



KEPALA DEPARTEMEN
DR. NORMA HERMAWAN, S.T., M.SC.



SEKRETARIS DEPARTEMEN
NADA FITRIYATUL HIKMAH, S.T., M.T.

TEKNIK BIOMEDIK



KEPALA DEPARTEMEN
DR. TECHN. IR. RADEN VENANTIUS HARI GINARDI, M.SC.



SEKRETARIS DEPARTEMEN
DR. IR. HENNING TITI CIPTANINGTYAS, S.KOM., M.KOM.

TEKNOLOGI INFORMASI

1.3

PROGRAM STUDI

STUDY PROGRAMS

Hingga 2025, FT-EIC menaungi enam departemen dengan 16 program studi dari jenjang sarjana hingga doktor, seluruhnya terakreditasi nasional dan sebagian telah meraih akreditasi internasional.

As of 2025, F-ELECTICS comprises six departments offering 16 study programs from undergraduate to doctoral levels, all nationally accredited, with several having obtained international accreditation.

Tabel 1.2 Departemen Dan Program Studi Di FT-EIC
Table 1.2 Departments And Study Programs At F-ELECTICS

Departemen	Program Studi	Akreditasi Nasional		Akreditasi Internasional	
		Ranking	Masa Berlaku	Lembaga	Masa Berlaku
Teknik Elektro	S1 Teknik Elektro	Unggul	20-Aug-27	ASIIN	30-Sep-27
	S2 Teknik Elektro	Unggul	20-Dec-29	ASIIN	30-Sep-27
	S3 Teknik Elektro	Unggul	02-Mar-27		
Teknik Informatika	S1 Teknik Telekomunikasi	Baik	20-Aug-29		
	S1 Teknik Informatika	Unggul	26-Nov-30	ASIIN	30-Sep-27
	S2 Teknik Informatika	Unggul	15-Dec-27	ASIIN	30-Sep-27
	S3 Ilmu Komputer	Unggul	29-Mar-28		
	S1 Rekayasa Kecerdasan Artifisial	Baik Sekali	16-Dec-29		
Sistem Informasi	S1 Rekayasa Perangkat Lunak	Baik Sekali	09-Dec-29		
	S1 Sistem Informasi	Unggul	5-Dec-27	ASIIN	30-Sep-27
	S2 Sistem Informasi	Unggul	11-Dec-29	ASIIN	30-Sep-27
	S3 Sistem Informasi	Baik Sekali	17-Mar-30		
Teknik Komputer	S1 Inovasi Digital	Baik	4-Mar-27		
	S1 Teknik Komputer	Unggul	9-Dec-29	ASIIN	30-Sep-27
	Teknik Biomedik	Unggul	20-Aug-27	ASIIN	30-Sep-27
Teknologi Informasi	S1 Teknologi Informasi	Unggul	18-Aug-30		



BAB II DATA DASAR

Chapter 2 | Basic Data

2.1

DOSEN
LECTURE**JUMLAH DOSEN FT-EIC BERDASARKAN DEPARTEMEN TAHUN 2025**

FT-EIC diperkuat oleh tenaga pengajar kompeten yang tersebar di enam departemen dengan kualifikasi akademik unggul. Kekuatan ini ditandai dengan dominasi dosen bergelar Doktor yang menjadi pondasi utama dalam mencapai reputasi internasional.

NUMBER OF FT-EIC LECTURERS BY DEPARTMENT IN 2025

F-ELECTICS is strengthened by competent academic staff across six departments with excellent academic qualifications. This strength is reflected in the dominance of doctoral-degree holders, which serves as a key foundation in achieving an international reputation.

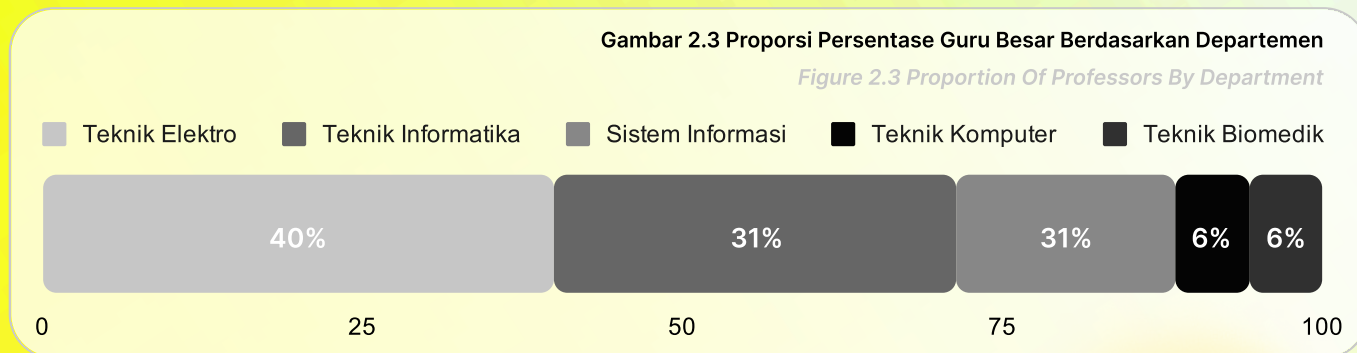
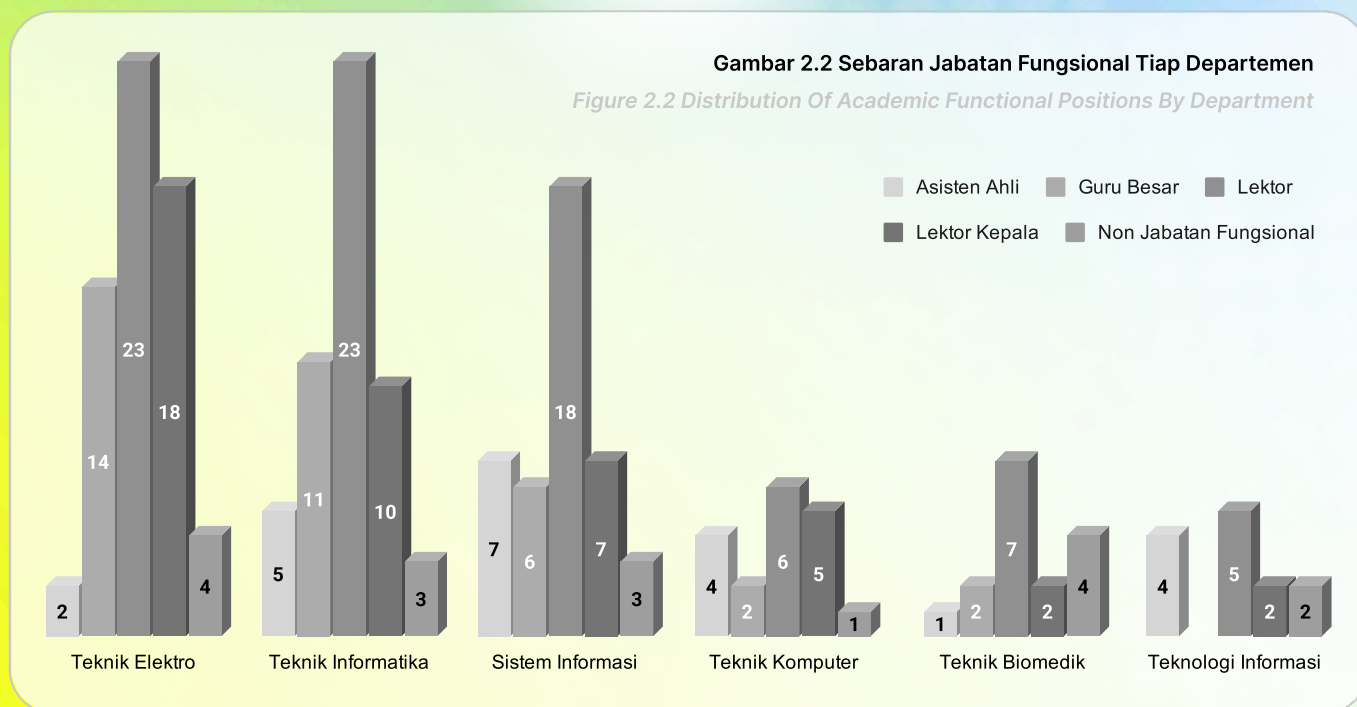
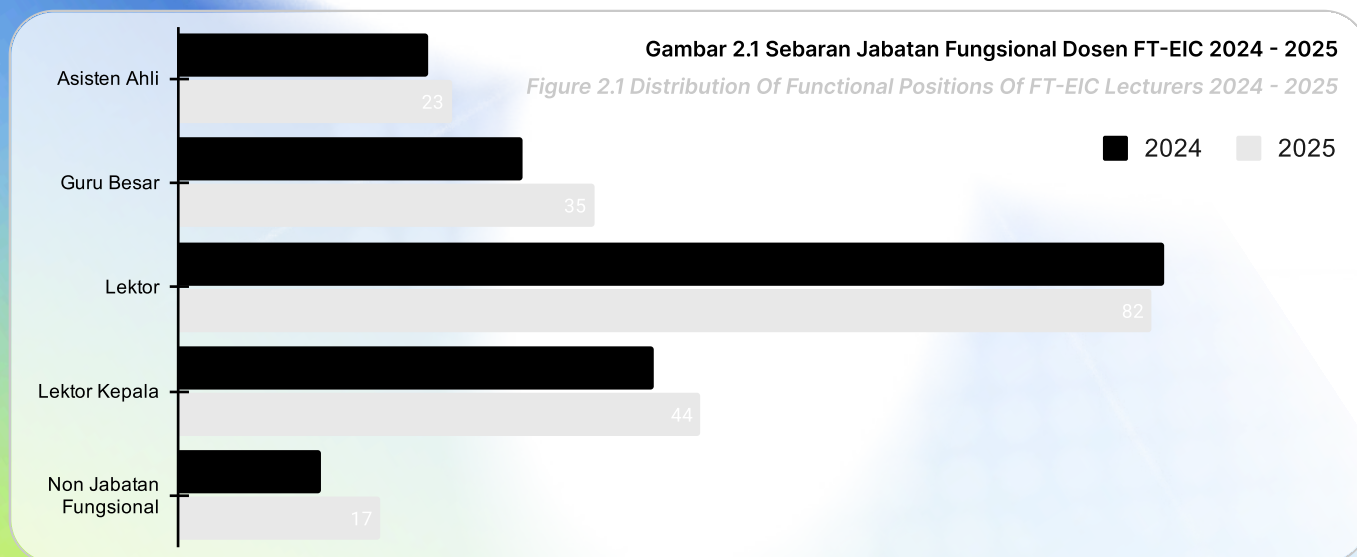
201

Total Dosen
Total lecturers

Gambar: Dosen pada sharing session "Semester Baru, Cerita Baru, Langkah Besar Generasi Z".
Image: Lecturers at the sharing session "New Semester, New Stories, Big Steps for Generation Z."

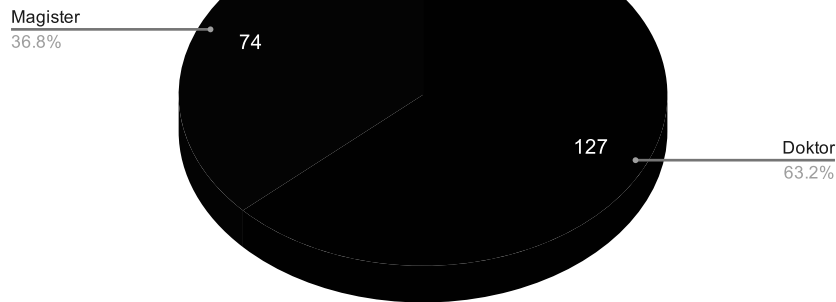
Berikut rincian distribusi jabatan fungsional dan kualifikasi pendidikan.

Below is the detailed distribution of academic ranks.



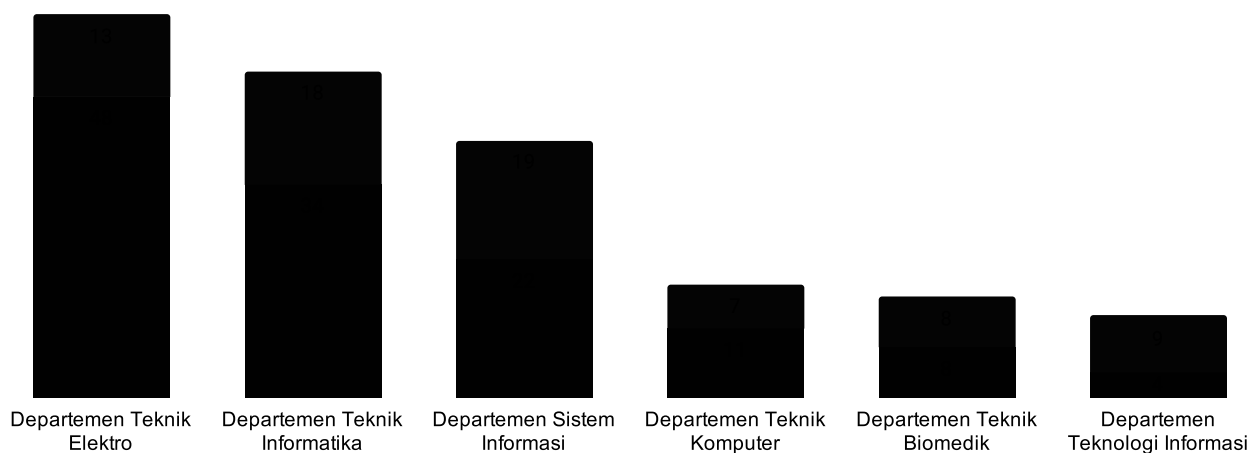
Gambar 2.4 Pendidikan Dosen FT-EIC 2025

Figure 2.4 F-ELECTICS Lecturer Education In 2025



Gambar 2.5 Pendidikan Dosen FT-EIC Tiap Departemen

Figure 2.5 F-ELECTICS Lecturer Education By Department



FT-EIC terus mendorong peningkatan kualifikasi akademik tenaga pengajarnya. Data tahun 2025 menunjukkan dominasi jenjang doktoral ini menjadi modal utama dalam meningkatkan kualitas riset dan publikasi internasional fakultas.

FT-EIC continues to encourage its teaching staff to improve their academic qualifications. Data from 2025 shows that the dominance of doctoral degrees is a major asset in improving the quality of the faculty's research and international publications.

Gambar: Momen dosen dalam pelatihan John Robert Powers.

Image: Moment of lecturers participating in the John Robert Powers training.



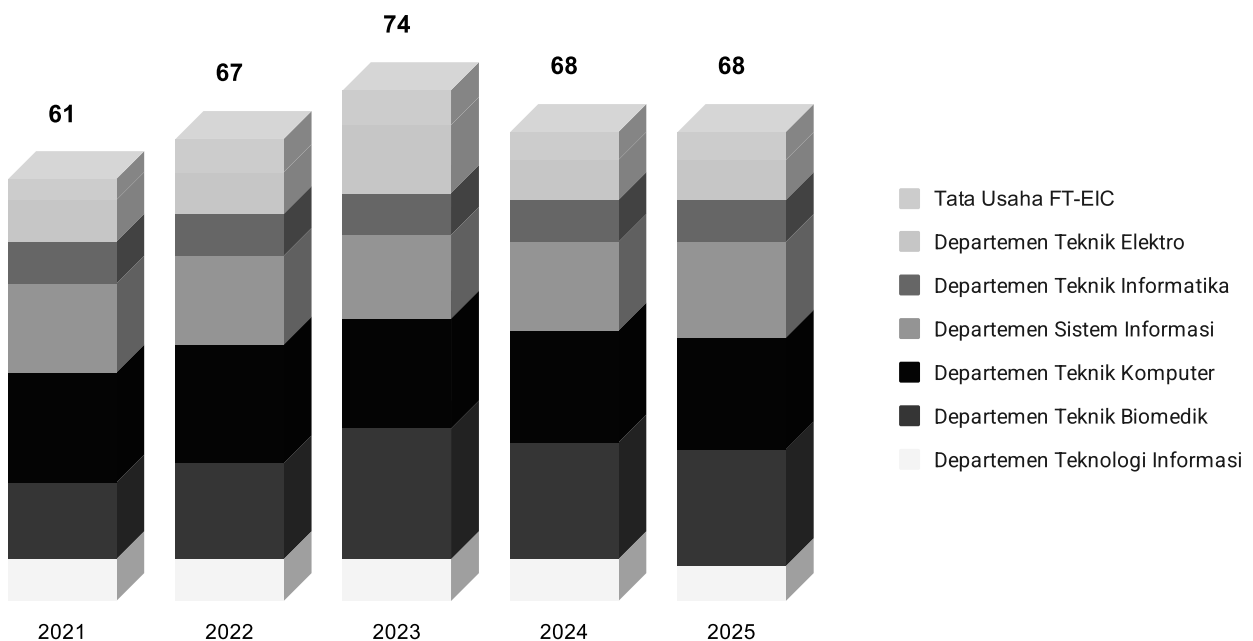
2.2

TENAGA KEPENDIDIKAN

ACADEMIC SUPPORT STAFF

Tenaga Kependidikan (Tendik) memegang peranan vital dalam kelancaran administrasi dan operasional teknis fakultas. Distribusi ini mengalami fluktuasi dari tahun ke tahun, namun tetap dijaga efisiensinya untuk mendukung layanan akademik yang prima.

Educational staff play a vital role in the smooth running of faculty administration and technical operations. Their distribution fluctuates from year to year, but efficiency is maintained to support excellent academic services.



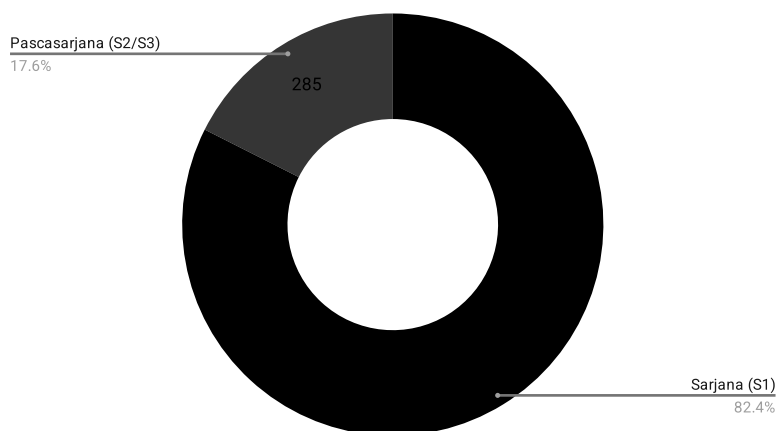
Gambar 2.7 Grafik Jumlah Tenaga Kependidikan 2020-2025

Figure 2.7 Graph Of Teaching Staff Numbers 2020-2025

2.3

MAHASISWA
STUDENT

MAHASISWA BARU 2025 | NEW STUDENT 2025



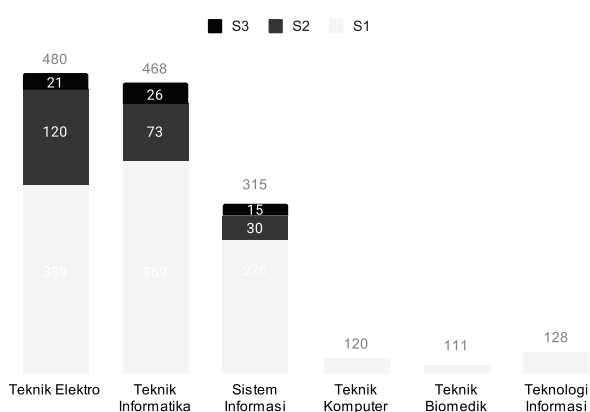
Gambar 2.8 Rasio Mahasiswa Baru Berdasarkan Jenjang

Figure 2.8 Ratio Of New Students By Level

s1:1337

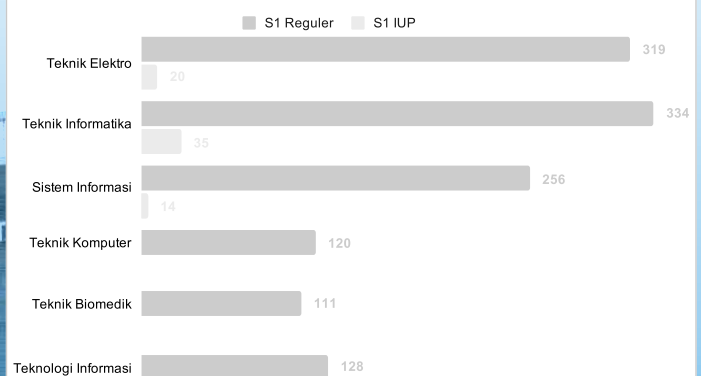
s3:223

s3:62



Gambar 2.9 Sebaran Mahasiswa Baru Tiap Departemen

Figure 2.9 Distribution Of New Students By Department



Gambar 2.10 Distribusi Mahasiswa Baru: Regular Vs IUP

Figure 2.10 Distribution Of New Students: Regular Vs IUP

MAHASISWA AKTIF 2025 | ACTIVE STUDENT 2025

5.925

Mahasiswa Aktif 2025
Active Students 2025

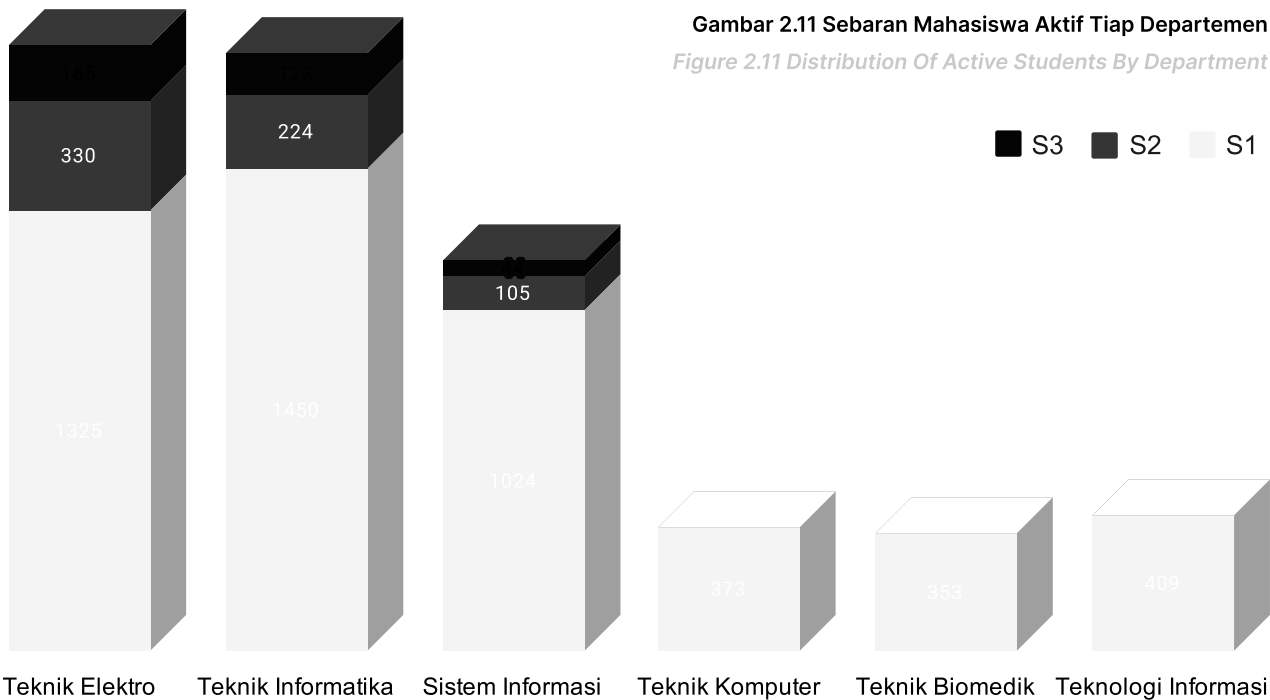
Populasi mahasiswa FT-EIC terus menunjukkan tren pertumbuhan positif, mencerminkan tingginya minat dan kepercayaan publik. Peningkatan ini diiringi dengan penguatan program pascasarjana yang menjadi pilar strategis fakultas dalam membangun ekosistem riset yang berkelanjutan.

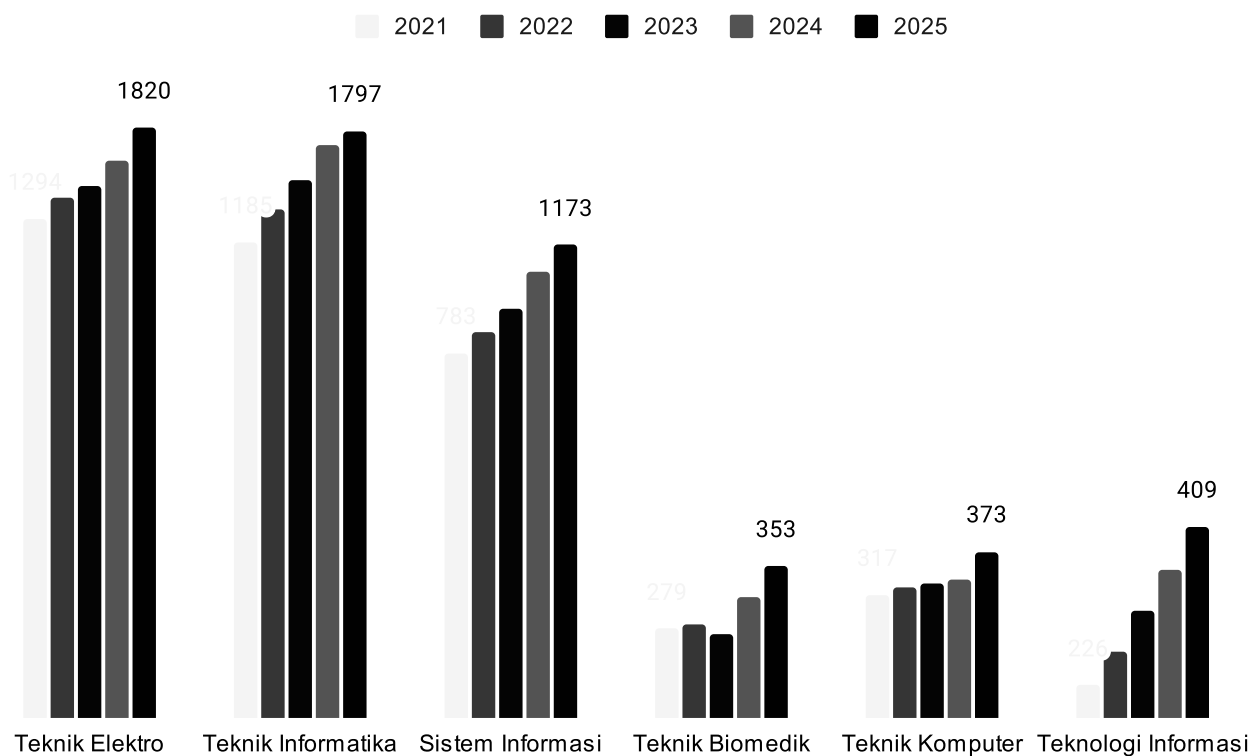
The FT-EIC student population continues to show a positive growth trend, reflecting high public interest and trust. This increase is accompanied by the strengthening of postgraduate programs, which are a strategic pillar of the faculty in building a sustainable research ecosystem.

S1:4934

S2:659

S3:332





Gambar 2.12 Tren Pertumbuhan Mahasiswa Aktif (S1, S2, S3) Tahun 2020-2025

Figure 2.12 Growth Trend Of Active Students (S1, S2, S3) Year 2020-2025

Gambar: Mata Kuliah PTEIC bersama Prof. Dr. Ir. Mohammad NUH, DEA

Image: PTEIC Course with Prof. Dr. Ir. Mohammad NUH, DEA





BAB III PERENCANAAN KINERJA

Chapter 3 | Performance Planning

3.1

**RENCANA INDUK
PENGEMBANGAN****MASTER PLAN FOR
DEVELOPMENT**

Visi dan misi Fakultas mengacu pada Rencana Strategis 2021–2025 sebagai arah pengembangan fakultas.

The Faculty's vision and mission refer to the 2021–2025 Strategic Plan as the direction for the faculty's development.

VISI

Menjadi fakultas yang menjadi rujukan dalam pendidikan, dan penelitian di bidang kelistrikan, elektronika, sistem dan teknologi informasi, dan bidang yang berhubungan dengan komputasi dengan reputasi internasional dan berkontribusi pada kemanusiaan.

VISION

To become a faculty that is a reference in education and research in the fields of electrical engineering, electronics, information systems and technology, and fields related to computing with an international reputation and contributing to humanity.

MISI

Memberikan kontribusi dalam pengembangan ilmu pengetahuan dan teknologi bidang kelistrikan, sistem dan teknologi informasi, dan bidang yang berhubungan dengan komputasi untuk mendukung dalam kontribusi nyata pada masyarakat, industri, dan pemerintah.

MISSION

To contribute to the development of science and technology in the fields of electrical engineering, systems and information technology, and fields related to computing in order to support tangible contributions to society, industry, and government.

MISI FT-EIC DI BIDANG PENDIDIKAN

1. Menyelenggarakan pendidikan tinggi berstandar internasional dalam pengembangan ilmu pengetahuan dan teknologi di bidang kelistrikan, elektronika, sistem dan teknologi informasi, dan bidang yang berhubungan dengan komputasi.
2. Menyelenggarakan Pendidikan Tinggi dengan yang mendukung Industri 4.0

F-ELECTICS MISSION IN EDUCATION

1. To provide international standard higher education in the development of science and technology in the fields of electrical engineering, electronics, information systems and technology, and fields related to computing.
2. Providing higher education that supports Industry 4.0

MISI FT-EIC DI BIDANG PENELITIAN PENGABDIAN MASYARAKAT

1. Melaksanakan penelitian berkelanjutan dan inovasi teknologi di bidang kelistrikan dan elektronika, sistem dan teknologi informasi, dan bidang yang berhubungan dengan komputasi.
2. Memberi kontribusi nyata kepada masyarakat, industri, dan pemerintah melalui inovasi teknologi di bidang kelistrikan dan elektronika, sistem dan teknologi informasi, dan bidang yang berhubungan dengan komputasi.
3. Menjadi fakultas rujukan dan katalisator dalam penelitian bidang AIHeS (*Artificial Intelligence for Healthcare and Societies*).
4. Ikut serta dalam mengembangkan kompetensi terkait Teknologi Informasi Cerdas.

F-ELECTICS MISSION IN RESEARCH & COMMUNITY SERVICE

1. Conducting continuous research and technological innovation in the fields of electrical engineering and electronics, systems and information technology, and fields related to computing.
2. To make a real contribution to society, industry, and government through technological innovation in the fields of electrical engineering and electronics, systems and information technology, and fields related to computing.
3. To become a reference faculty and catalyst in AIHeS (*Artificial Intelligence for Healthcare and Societies*) research.
4. To participate in developing competencies related to Intelligent Information Technology.

MISI FT-EIC DI BIDANG MANAJEMEN

1. Mengelola fakultas secara efektif dan efisien untuk mendukung terlaksananya Tri Dharma perguruan tinggi.
2. Mendukung link and match lulusan dengan meningkatkan kerjasama dengan industri, pemerintah dan masyarakat di tingkat nasional maupun internasional.
3. Memperkuat kerjasama dan jejaring internasional dalam bidang pendidikan, penelitian dan pengembangan produk inovasi yang bertaraf internasional.

F-ELECTICS MISSION IN MANAGEMENT

1. Manage the faculty effectively and efficiently to support the implementation of the Tri Dharma of higher education.
2. Support the link and match of graduates by enhancing cooperation with industry, government, and society at the national and international levels.
3. Strengthen international cooperation and networks in the fields of education, research, and development of international-standard innovative products.

3.2

STRATEGI DAN
PERJANJIAN
KINERJA FT-EICF-ELECTICS STRATEGY AND
PERFORMANCE AGREEMENT

Rencana Strategis FT-EIC periode 2021–2025 disusun selaras dengan Renstra ITS 2021–2025 yang berlandaskan (**Gambar 3.1**),

1. Tujuan Strategis ITS
2. Program ID 4.0
3. ITS EMAS

Landasan ini menjadi arah utama dalam perumusan kebijakan, program, dan target kinerja fakultas.

Rencana Strategis FT-EIC periode 2021–2025 disusun selaras dengan Renstra ITS 2021–2025 yang berlandaskan (**Figure 3.1**),

1. Tujuan Strategis ITS
2. Program ID 4.0
3. ITS EMAS

Landasan ini menjadi arah utama dalam perumusan kebijakan, program, dan target kinerja fakultas.

Gambar 3.1 Dasar Penyusunan Renstra FT-EIC

**RENSTRA FAKULTAS TEKNOLOGI
ELEKTRO DAN INFORMATIKA CERDAS
2021 - 2025**

**Renstra ITS 2021 - 2025
ITS Advancing Humanity**

ID 4.0

International Enhancement,
Innovation,
Development,
International Engagement, and
Digital Transformation

ITS EMAS

Ekselon,
Mendunia,
Amanah,
Sumbangsih

Tujuan Strategis ITS

Reputable World Class University,
Excellent,
Achievement & National Contribution,
Organizational Transformation

Sebagai turunan dari arah strategis tersebut, FT-EIC menetapkan komitmen fakultas yang mengacu pada komitmen ITS. Kerangka dasar komitmen tersebut ditunjukkan pada **Gambar 3.2**.

*As a derivative of this strategic direction, F-ELECTICS establishes its faculty commitments in reference to the commitments set by ITS. The framework underlying these commitments is illustrated in **Figure 3.2**.*



Komitmen FT-EIC selanjutnya diterjemahkan ke dalam sasaran strategis sebagaimana ditunjukkan pada **Gambar 3.3**, yang meliputi:

- 1. ELECTICS Prime Quality**
FT-EIC berusaha dalam meningkatkan kualitas sumber daya manusia baik untuk dosen dan tenaga kependidikan
- 2. ELECTICS Prime Services**
FT-EIC memberikan layanan yang prima kepada mahasiswa, dosen, dan tenaga kependidikan
- 3. ELECTICS Go Partnership**
FT-EIC berusaha meningkatkan kerjasama eksternal baik dengan industri, pemerintah, maupun komunitas sekitar

*These commitments are further translated into strategic targets as shown in **Figure 3.3**, which include:*

- 1. ELECTICS Prime Quality**
F-ELECTICS strives to improve the quality of human resources for both lecturers and educational staff
- 2. ELECTICS Prime Services**
F-ELECTICS provides excellent services to students, lecturers, and educational staff
- 3. ELECTICS Go Partnership**
F-ELECTICS strives to improve external cooperation with industry, government, and the surrounding community

4. **ELECTICS Go Global**

FT-EIC mendorong internasionalisasi program akademik dan hasil riset serta inovasi

4. **ELECTICS Go Global**

F-ELECTICS encourages the internationalization of academic programs and research and innovation outcomes

Gambar 3.3 Sasaran yang dicanangkan FT-EIC



Untuk memastikan implementasi strategi dan komitmen tersebut berjalan secara terukur dan akuntabel, FT-EIC melaksanakan Perjanjian Kinerja yang selaras dengan kontrak kinerja antara Rektor ITS dan Kementerian Pendidikan, Kebudayaan, Riset, dan Teknologi. Dokumen Perjanjian Kinerja ini memuat 23 Indikator Kinerja Utama (IKU) beserta target capaian yang menjadi dasar pelaksanaan, pemantauan, dan evaluasi kinerja fakultas dalam mendukung pencapaian tujuan strategis ITS.

To ensure that these strategies and commitments are implemented in a measurable and accountable manner, F-ELECTICS implements a Performance Agreement aligned with the performance contract between the Rector of ITS and the Ministry of Education, Culture, Research, and Technology. This document contains 23 Key Performance Indicators (KPIs) along with their achievement targets, serving as the basis for implementation, monitoring, and evaluation of the faculty's performance in supporting the achievement of ITS's strategic objectives.



BAB IV AKUNTABILITAS KINERJA

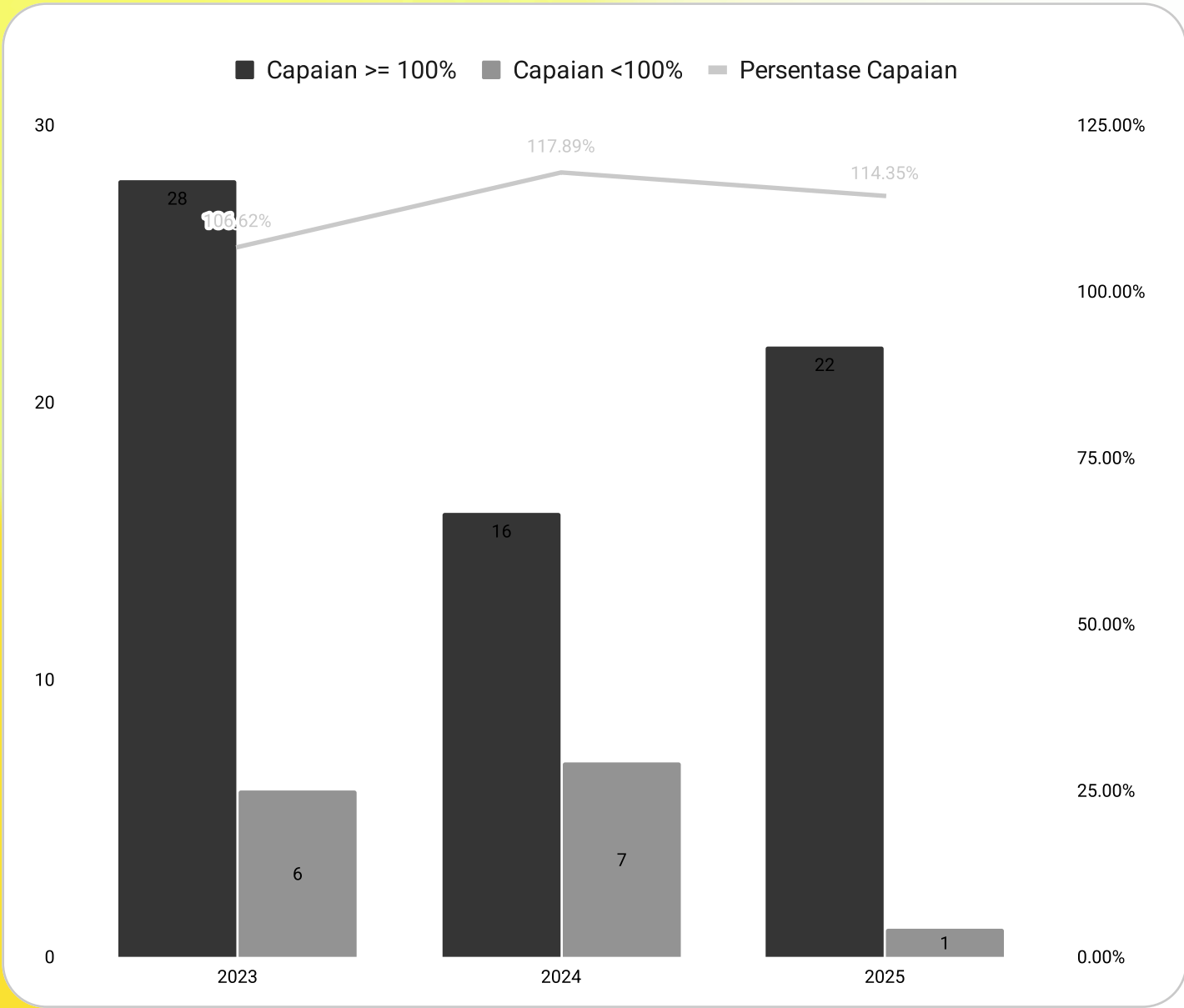
Chapter 4 | Performance Accountability

4.1

CAPAIAAN
KINERJA
PERFORMANCE
ACHIEVEMENTS

Evaluasi komprehensif terhadap 23 indikator strategis yang mencerminkan dedikasi FT-EIC dalam mencapai standar kualitas internasional.

Comprehensive evaluation of 23 strategic indicators reflecting F-ELECTICS dedication to achieving international quality standards.



4.2

CAPAIAN SASARAN FAKULTAS

FACULTY TARGET ACHIEVEMENT

A. ELECTICS PRIME QUALITY

Tabel 4.1 Capaian Indikator ELECTICS Prime Quality

No	Indikator Kinerja	Target	Capaian	Persentase (%)
1	Rasio Jumlah Tenaga Kependidikan yang Mengikuti Pelatihan atau Workshop	0,50	0,64	128,36
2	Rasio Jumlah Program Studi Terakreditasi A atau Unggul / Jumlah Program Studi yang telah meluluskan	0,86	0,92	106,59
3	Rasio jumlah mahasiswa baru IUP/JD/DD per program studi IUP/JD/DD	19,67	23,00	116,95
4	Rasio Jumlah Dosen yang Mengikuti Pelatihan atau Workshop / Jumlah Dosen	0,50	0,80	159,32
5	Rasio jumlah dosen yang mengalami kenaikan jabatan fungsional / jumlah dosen (diluar gol IV-E)	0,04	0,10	232,29
6	Rasio Jumlah Dosen Guru Besar / Jumlah Dosen	0,15	0,20	134,22
7	Persentase Program Studi yang mengumpulkan borang reakreditasi tepat waktu pada tahun berjalan (dalam %)	100,00	125,00	125,00
8	Persentase Program Studi Sarjana dan Vokasi yang memiliki akreditasi atau sertifikat internasional yang diakui pemerintah (dalam %)	65,00	83,33	128,21
9	Persentase kesesuaian prosedur pengelolaan keuangan berdasarkan Pedoman Pengelolaan Keuangan (dalam %)	100,00	100,00	100,00
10	Persentase jumlah dosen yang memiliki pengalaman praktisi pada tahun berjalan (dalam %)	13,00	98,31	756,19
11	Persentase dosen yang memiliki sertifikat kompetensi/profesi yang diakui oleh dunia usaha dan dunia industri atau persentase pengajar yang berasal dari kalangan praktisi profesional, dunia usaha, atau dunia industri	52,77	61,58	116,71
12	Jumlah kegiatan promosi	6,00	10,00	166,67

■ : Capaian indikator >125%

■ : Capaian indikator >100% dan <125%

■ : Capaian indikator <100%

B. ELECTICS PRIME SERVICES

Tabel 4.2 Capaian Indikator ELECTICS Prime Services

No	Indikator Kinerja	Target	Capaian	Persentase (%)
1	Rasio Jumlah Mahasiswa Pascasarjana / Jumlah Mahasiswa	0,145	0,167	115,331
2	Rasio jumlah mahasiswa outbound LN / Jumlah Mahasiswa	0,023	0,094	408,76
3	Rasio jumlah mahasiswa inbound LN / Jumlah Mahasiswa	0,053	0,059	110,706
4	Persentase terlaksananya ZI di lingkungan Fakultas dengan baik	100,00	100,00	100,00
5	Persentase mata kuliah yang menerapkan metode menggunakan salah satu atau kombinasi dari metode case based method atau team-based project (dalam %)	60,00	74,068	123,447
6	Persentase mahasiswa S1 dan D4/D3/D2/D1 yang menjalankan kegiatan pembelajaran di luar program studi atau meraih prestasi	40,00	9,877	24,692

C. ELECTICS GO PARTNERSHIP

Tabel 4.3 Capaian Indikator ELECTICS Go Partnerships

No	Indikator Kinerja	Target	Capaian	Persentase (%)
1	Rasio Jumlah kerjasama per program studi S1 dan D4/D3/D2	3,32	14,00	421,69
2	Jumlah kerjasama (tridarma PT) yang di tanda tangani dekan pada tahun berjalan	8,00	21,00	262,50

D. ELECTICS GO GLOBAL

Tabel 4.4 Capaian Indikator ELECTICS Go Global

No	Indikator Kinerja	Target	Capaian	Persentase (%)
1	Rasio Jumlah HKI yang sudah granted per dosen	1,40	2,00	142,86
2	Rasio jumlah visiting professor / lecturer / researcher dari PTLN mitra per dosen	0,30	0,76	254,24

4.3

ANALISIS CAPAIAN KINERJA

PERFORMANCE ACCOUNTABILITY

A. AKSELERASI JABATAN DOSEN

Akselerasi jabatan fungsional merupakan bukti nyata peningkatan kualitas akademik dosen FT-EIC menuju standar world-class university.

The acceleration of functional positions is clear evidence of the improvement in the academic quality of F-ELECTICS lecturers towards world-class university standards.

Tabel 4.5 Dosen yang Mengalami Kenaikan Jabatan Fungsional

Jabatan	No.	Nama	Program Studi
Profesor Jumlah : 4	1.	Dr. Ir. Ari Santoso, DEA.	Teknik Elektro
	2.	Dr. Ir. Suwadi, M.T.	Teknik Elektro
	3.	Dr. Eng. Ardyono Priyadi, S.T., M.Eng.	Teknik Elektro
	4.	Dr. Ir. Achmad Mauludiyanto, M.T.	Teknik Telekomunikasi
Lektor Kepala Jumlah : 8	5.	Dr. Dimas Fajar Uman Putra, S.T., M.T.	Teknik Elektro
	6.	Dr. Ir. Ni Ketut Aryani, M.T.	Teknik Elektro
	7.	Ir. Sjamsjul Anam, M.T.	Teknik Elektro
	8.	Yusuf Bilfaqih, S.T., M.T.	Teknik Elektro
	9.	Dini Adni Navastara, S.Kom., M.Sc.	Teknik Informatika
	10.	Bagus Jati Santoso, S.Kom., Ph.D.	Teknik Informatika
	11.	Baskoro Adi Pratomo, S.Kom., M.Kom., Ph.D.	Teknik Informatika
	12.	Eko Mulyanto Yuniarno, S.T., M.T.	Teknik Komputer
Lektor Jumlah : 5	13.	Ahmad Sirojuddin, S.T., M.Sc., Ph.D.	Teknik Elektro
	14.	Yurid Eka Nugraha, S.T., M.Eng., Ph.D.	Teknik Elektro
	15.	Imam Mustafa Kamal, S.ST., Ph.D.	Teknik Informatika
	16.	Muhamad Hilmi Muchtar Aditya Pradana, S.Kom., M.Sc., Ph.D.	Teknik Informatika
	17.	Dr. Rarasmaya Indraswari, S.Kom.	Sistem Informasi
Asisten Ahli Jumlah : 5	18.	Aldinata Rizky Revanda, S.Kom., M.Kom.	Teknik Informatika
	19.	Moch. Nafkhan Alzamzami, S.T., M.T.	Teknik Informatika

Jabatan	No.	Nama	Satker
Asisten Ahli	20.	Yogantara Setya Dharmawan, S.Kom., MBusProcessMgt.	Sistem Informasi
	21.	Arta Kusuma Hernanda, S.T., M.T.	Teknik Komputer
	22.	Fuad Dary Rosyadi, S.Kom., M.Kom.	Teknologi Informasi

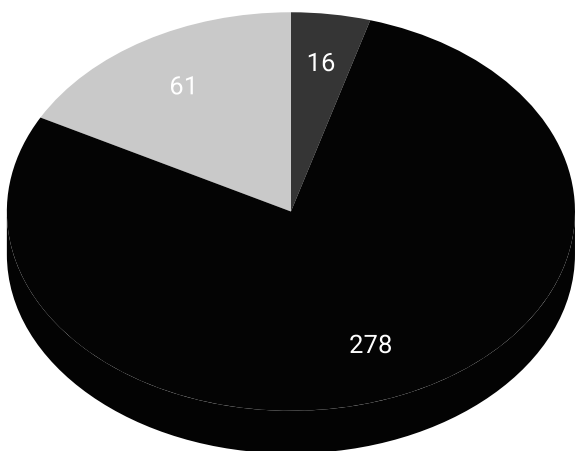
B. HKI

FT-EIC memperkuat ekosistem inovasi melalui perlindungan Hak Kekayaan Intelektual (HKI) sebagai bentuk pengakuan atas karya sivitas akademika. Hingga saat ini, tercatat **355 HKI** yang mencerminkan konsistensi dalam riset dan inovasi. Dominasi pengembangan perangkat lunak cerdas menunjukkan fokus pada transformasi digital sekaligus menegaskan kapasitas fakultas dalam menghasilkan inovasi yang aplikatif dan berdampak.

F-ELECTICS strengthens its innovation ecosystem through the protection of Intellectual Property Rights (IPR) as recognition of the academic community's work. To date, 355 IPRs have been recorded, reflecting consistent research and innovation productivity. The dominance of intelligent software development highlights a focus on digital transformation while demonstrating the faculty's capacity to produce practical and impactful innovations.

JUMLAH TIPE HKI FT-EIC

- Alat
- Aplikasi / Perangkat Lunak
- Video, Bahan Ajar, Desain Grafis

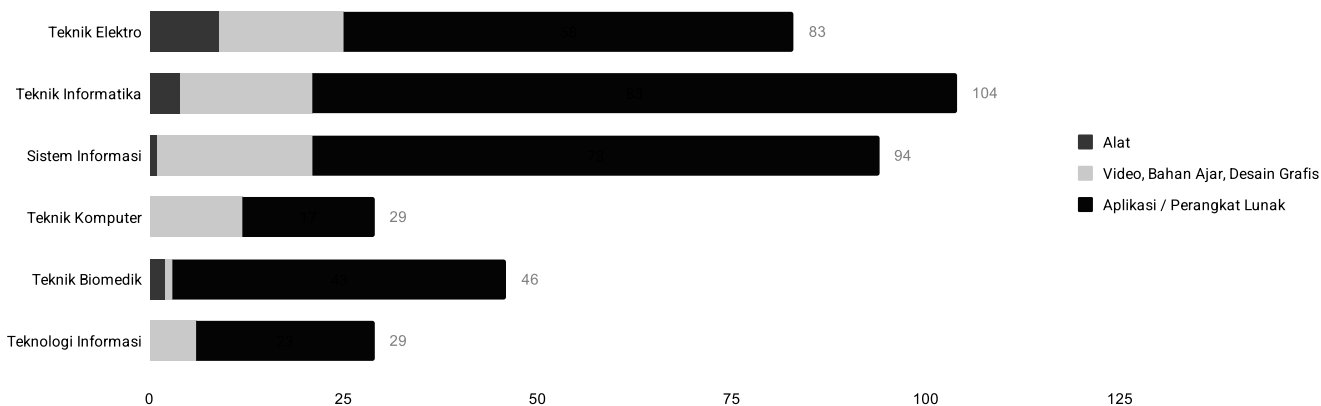


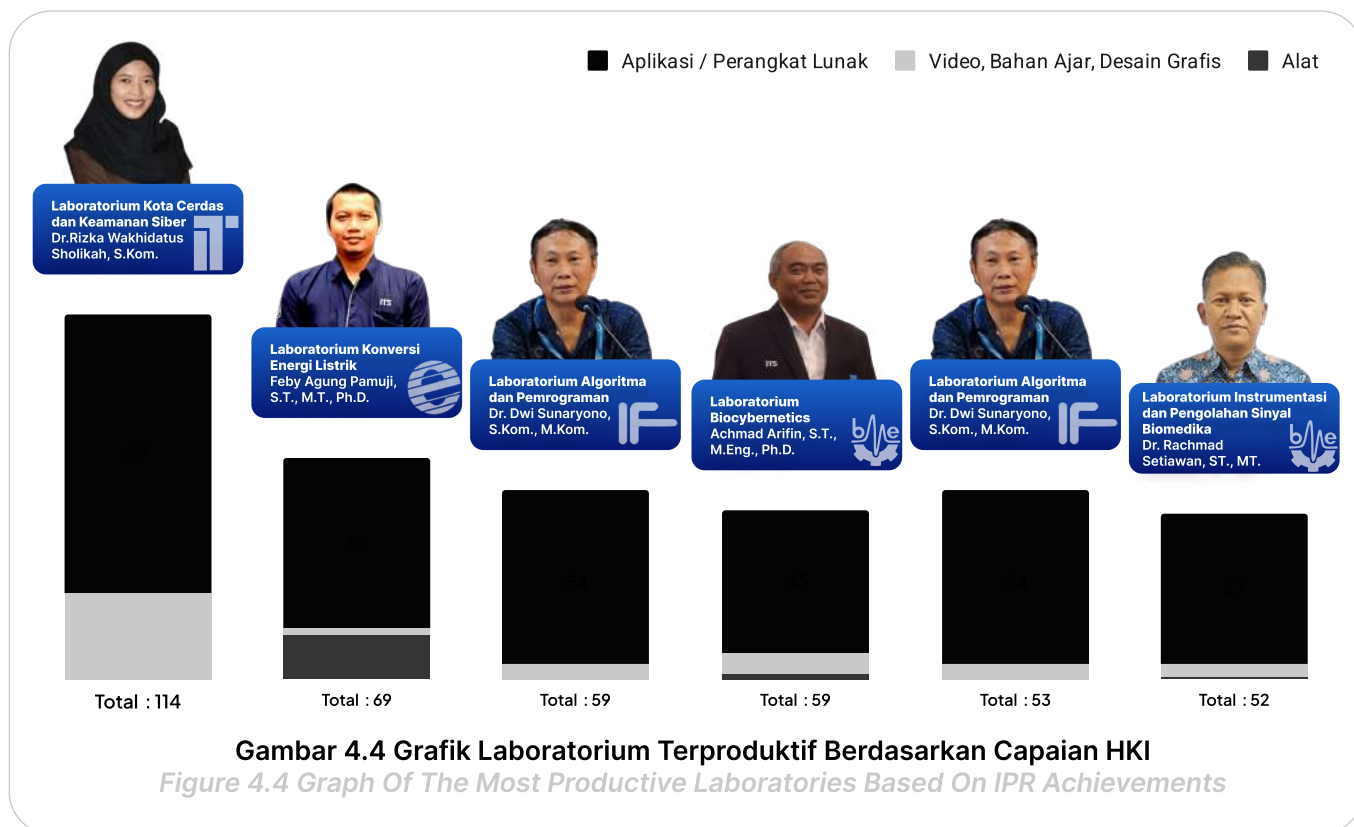
Gambar 4.2 Diagram Distribusi Hak Kekayaan Intelektual (HKI)

Figure 4.2 Distribution Of Intellectual Property Rights (IPR)

Gambar 4.3 Grafik Jumlah Hak Kekayaan Intelektual (HKI) Per Departemen

Figure 4.3 Graph Of Intellectual Property Rights (IPR) By Department

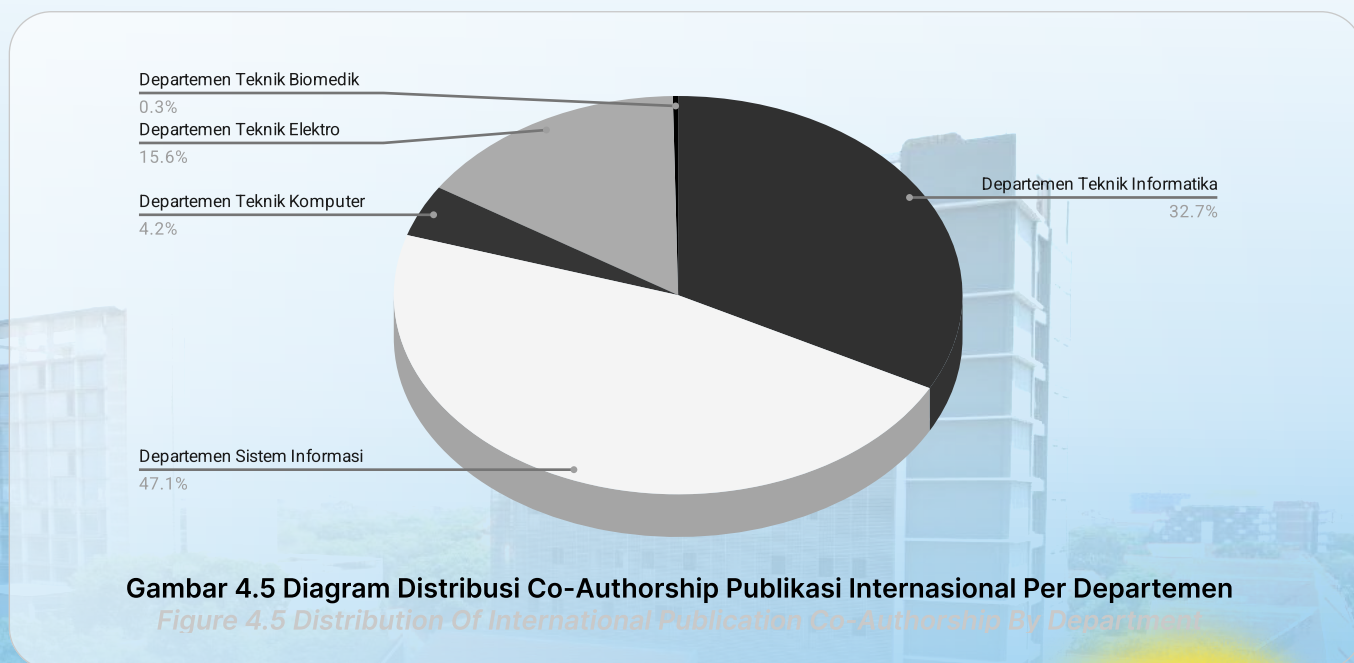




C. CO AUTHORSHIP

Sinergi lintas batas yang menghasilkan publikasi berkualitas tinggi bersama peneliti global.

Cross-border synergy producing high-quality publications with global researchers.



DOSEN FT-EIC BERDASARKAN JUMLAH ARTIKEL CO AUTHORSHIP PENELITI LUAR NEGERI (MINIMAL 5 ARTIKEL)*F-ELECTICS LECTURERS BASED ON THE NUMBER OF ARTICLES CO-AUTHORIZED BY FOREIGN RESEARCHERS (MINIMUM 5 ARTICLES)*

Nama	Jumlah
Prof. Tohari Ahmad, S.Kom., MIT., Ph.D.	29
Reny Nadlifatin, S.Kom., MBA., Ph.D.	16
Prof. Erma Suryani, S.T., M.T., Ph.D.	6
Prof. Dr. Ir.Mauridhi Hery Purnomo, M.Eng.	6
Shintami Chusnul Hidayati, S.Kom., M.Sc., Ph.D.	5
Prof. Dr. Ir.Imam Robandi, M.T., IPU.	5
Prof. Dr. Eng.Chastine Fatichah, S.Kom., M.Kom.	5
Dr.Mudjahidin, S.T., M.T.	5

LABORATORIUM BERDASARKAN JUMLAH ARTIKEL CO AUTHORSHIP PENELITI LUAR NEGERI (MINIMAL 50 ARTIKEL)*LABORATORIES BASED ON THE NUMBER OF CO-AUTHORED ARTICLES BY FOREIGN RESEARCHERS (MINIMUM 50 ARTICLES)*

Laboratorium	Jumlah
Laboratorium Manajemen Sistem Informasi	108
Laboratorium Komputasi Berbasis Jaringan	88
Laboratorium Sistem Enterprise	43

TOP 5 NEGARA BERDASARKAN JUMLAH ARTIKEL CO AUTHORSHIP*TOP 5 COUNTRIES BASED ON NUMBER OF CO-AUTHORED ARTICLES*

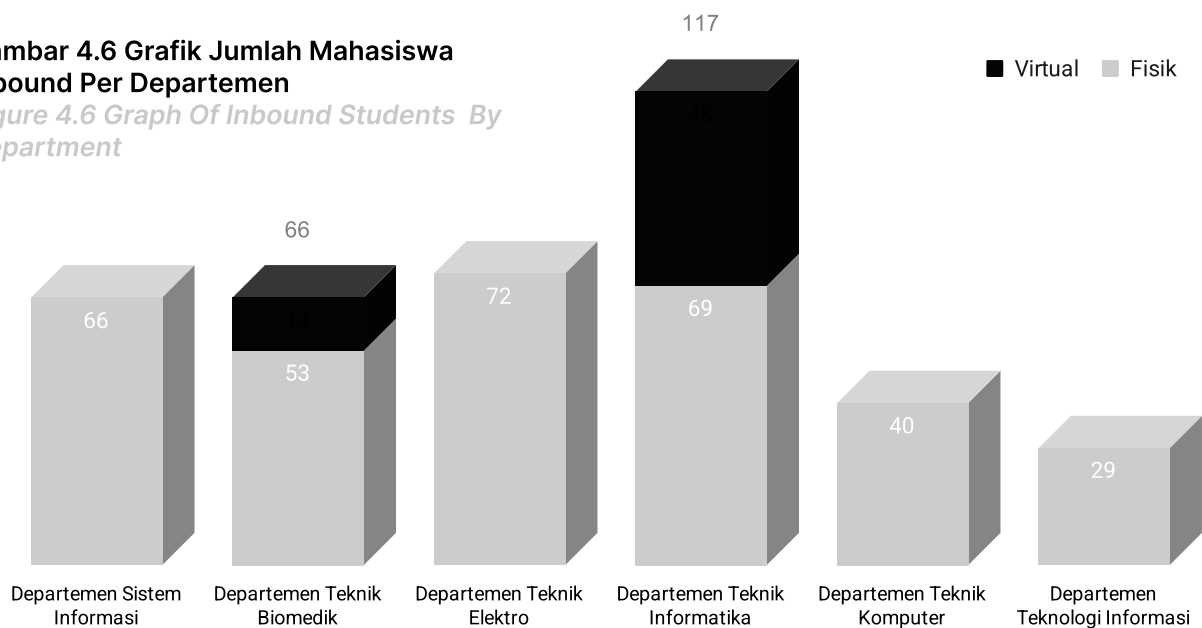
Laboratorium	Jumlah
Taiwan, Province of China	34
Rwanda	28
Philippines	17
Japan	15
Australia	12

D. INBOUND & OUTBOUND

INBOUND

Gambar 4.6 Grafik Jumlah Mahasiswa Inbound Per Departemen

Figure 4.6 Graph Of Inbound Students By Department



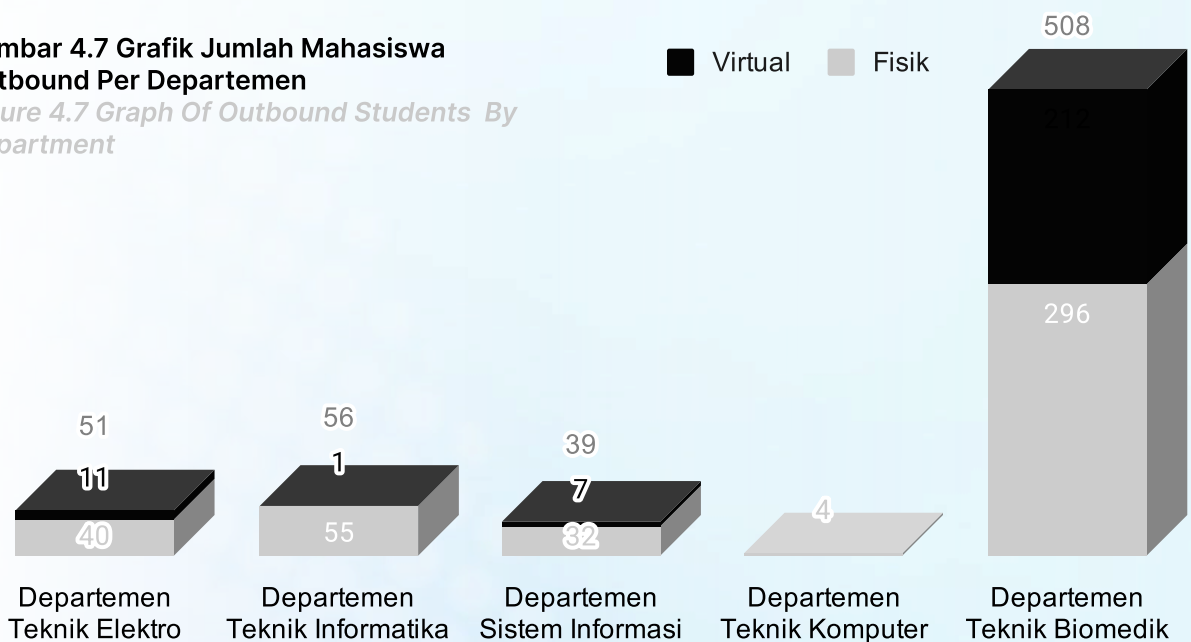
DAFTAR MITRA PERGURUAN TINGGI INBOUND (> 5 MAHASISWA)

LIST OF INBOUND HIGHER EDUCATION PARTNERS (> 5 STUDENTS)

Mitra	Jumlah
Shibaura Institute of Technology	39
Universiti Teknologi Malaysia	37
Universiti Technology Mara	32
Universiti Malaya	23
Universiti Teknologi Petronas	23
Universiti Sains Islam Malaysia	16
École Pour l'Informatique et les Techniques Avancées (EPITA)	14
Vives University of Applied Sciences	10
National Sun Yat Sen University	9
IMT Nord Europe	6
Universiti Kuala Lumpur	6
Universiti Teknikal Malaysia Melaka	6

OUTBOUND

Gambar 4.7 Grafik Jumlah Mahasiswa Outbound Per Departemen
Figure 4.7 Graph Of Outbound Students By Department

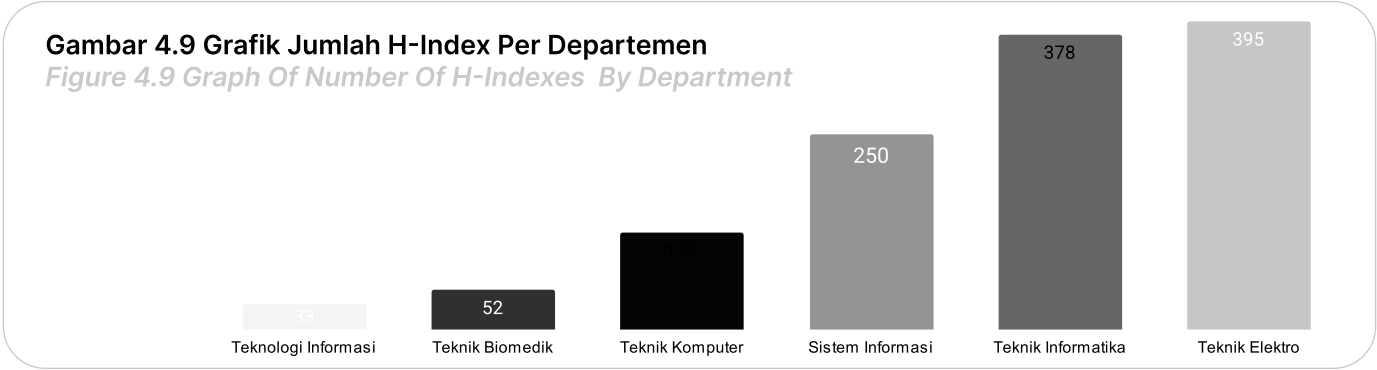
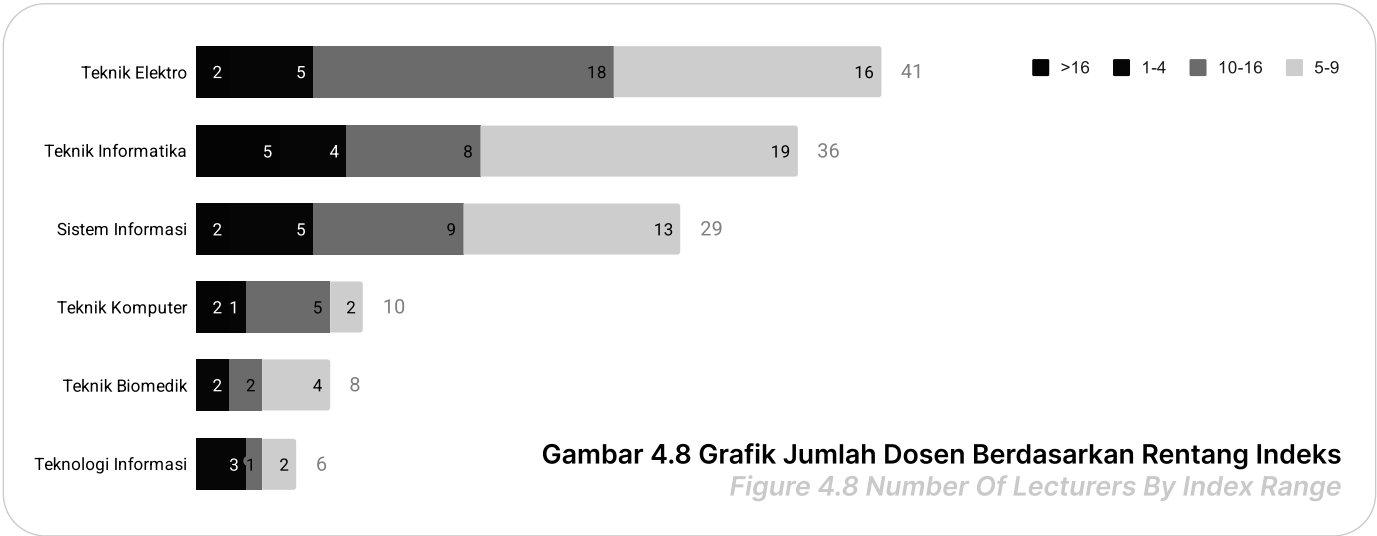


DAFTAR MITRA PERGURUAN TINGGI OUTBOUND (> 10 MAHASISWA)

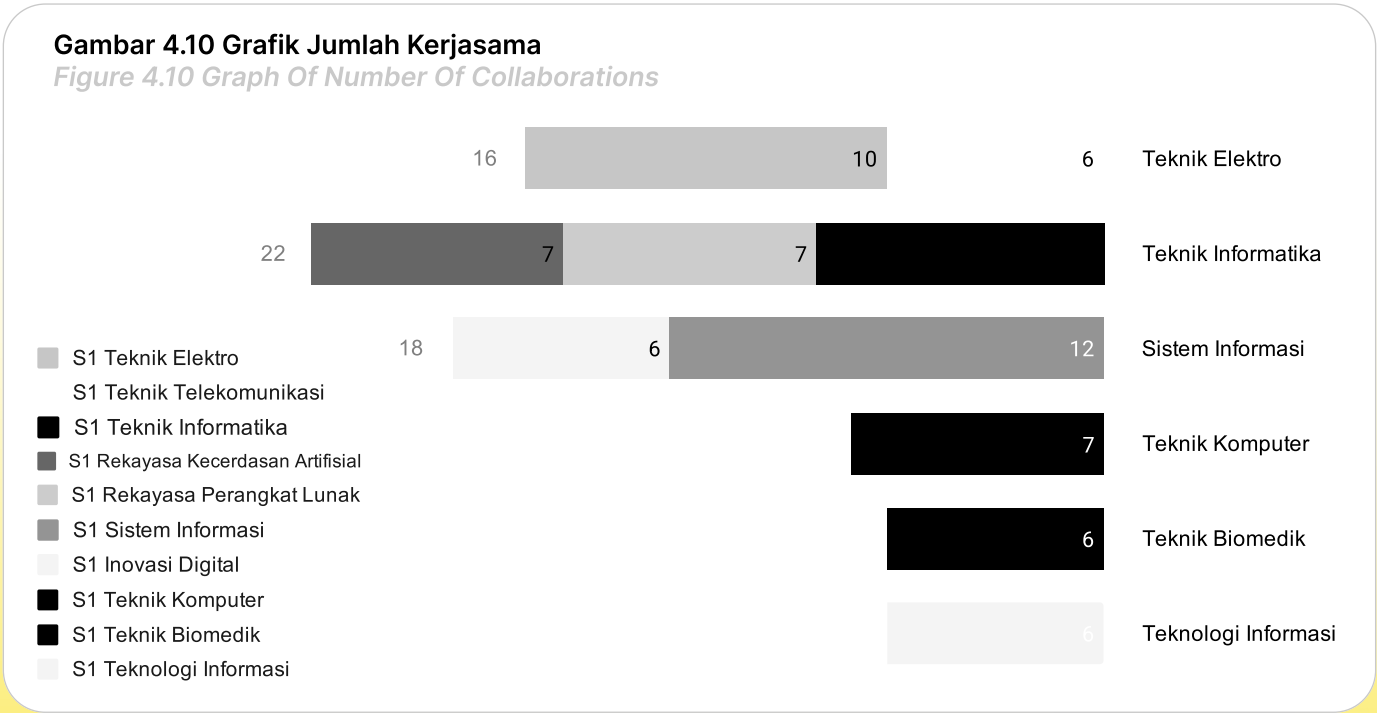
LIST OF OUTBOUND HIGHER EDUCATION PARTNERS (> 10 STUDENTS)

Mitra	Jumlah
Shibaura Institute of Technology	210
City University of Hong Kong	159
Tohoku University	117
Queensland University of Technology	66
Vives University of Applied Sciences	20
Universiti Malaya	20
National Sun Yat Sen University	20
Universiti Teknologi Petronas	19
The University of Queensland	13

E. H-INDEX



F. KERJASAMA



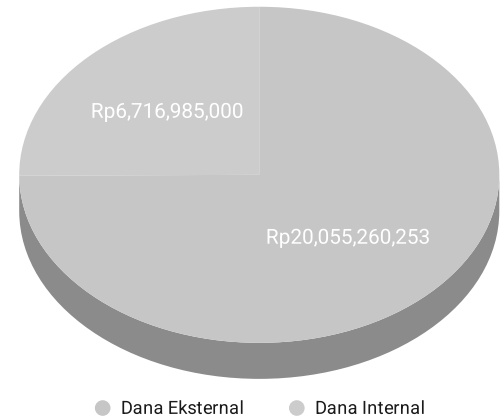
F. PENDANAAN RISET

TOTAL DANA FAKULTAS TOTAL FACULTY FUND

Rp 26,772,245,253

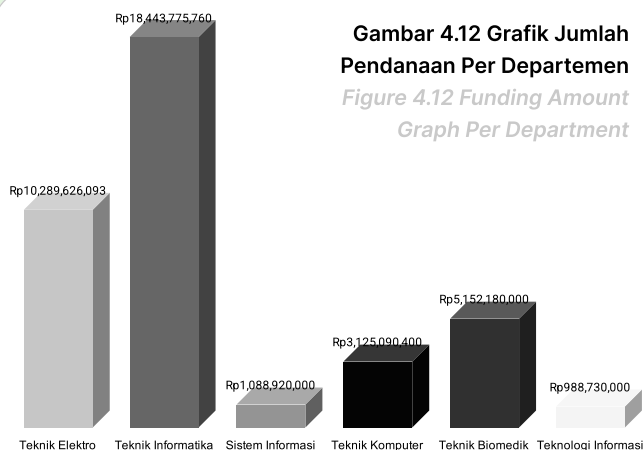
Pencapaian luar biasa tahun 2025 dengan dominasi dana eksternal, membuktikan kepercayaan mitra industri dan pemerintah terhadap kapabilitas riset FT-EIC.

Extraordinary achievement in 2025 with external funding dominance, proving trust from industry and government partners.



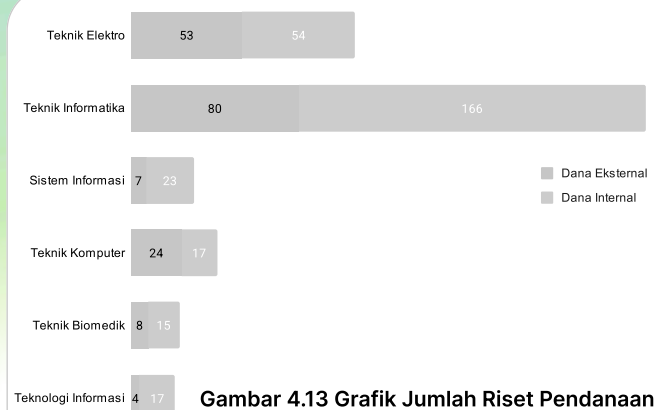
Gambar 4.11 Diagram Distribusi Sumber Dana

Figure 4.11 Fund Source Distribution Diagram



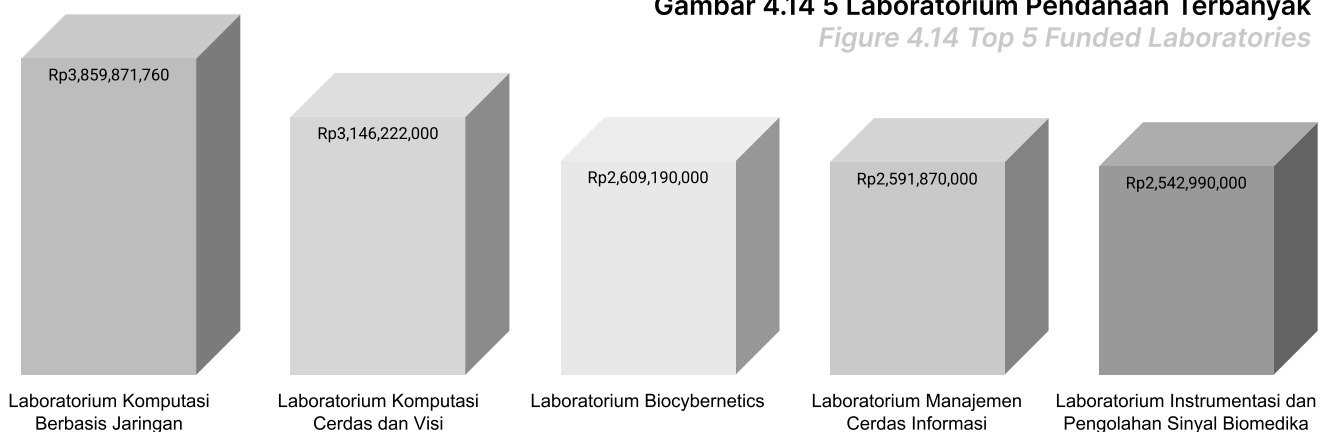
Gambar 4.12 Grafik Jumlah Pendanaan Per Departemen

Figure 4.12 Funding Amount Graph Per Department



Gambar 4.13 Grafik Jumlah Riset Pendanaan

Figure 4.13 Graph Number Of Research



Gambar 4.14 5 Laboratorium Pendanaan Terbanyak

Figure 4.14 Top 5 Funded Laboratories



BAB V KEGIATAN

Chapter 5 | Activities

5.1

AI TALENT
DAYS 2025

A. AI TALENT AND INNOVATION DAY 2025

Perkembangan kecerdasan buatan terus menjadi penggerak utama transformasi digital global, sehingga diperlukan generasi muda yang tidak hanya memahami konsep AI, tetapi juga mampu menerapkannya secara etis, produktif, dan inovatif. ITS, sebagai Perguruan Tinggi Terbaik untuk bidang AI versi EduRank 2025, mengambil peran strategis melalui Program Sinergi 1000 Duta AI untuk membentuk agen perubahan di lingkungan sekolah dan akademisi. Program ini berjalan seiring dengan inisiatif 1000 Talent AI yang dikembangkan bersama Komdigi melalui AI Talent Factory (AITF) sebagai upaya memperkuat talenta digital nasional.

Talent AI diarahkan sebagai pengembang dan inovator sistem berbasis AI, sedangkan Duta AI berperan sebagai pengguna aktif yang mendorong literasi dan pemanfaatan teknologi yang bertanggung jawab. Untuk menjaga keberlanjutan gerakan ini, ITS menyelenggarakan AI Talent and Innovation Day (ATID) sebagai momentum strategis yang mencakup launching 1000 Talent AI, awarding Duta AI, peluncuran inovasi AI ITS, serta pameran karya AI. Kegiatan ini juga menjadi wadah deklarasi komitmen ITS bersama Komdigi dalam memperkuat ekosistem talenta AI nasional.

The development of artificial intelligence continues to be a major driver of global digital transformation, requiring a younger generation that not only understands AI concepts but is also capable of applying them ethically, productively, and innovatively. ITS, as the Best University for AI according to EduRank 2025, is taking on a strategic role through the 1000 AI Ambassadors Synergy Program to shape agents of change in schools and academia. This program runs in parallel with the 1000 AI Talent initiative developed in collaboration with Komdigi through the AI Talent Factory (AITF) as an effort to strengthen national digital talent.

AI Talent is directed as developers and innovators of AI-based systems, while AI Ambassadors act as active users who promote literacy and responsible use of technology. To ensure the sustainability of this movement, ITS organizes the AI Talent and Innovation Day (ATID) as a strategic event that includes the launch of 1000 AI Talents, the awarding of AI Ambassadors, the launch of ITS AI innovations, and an AI exhibition. This event also serves as a platform for ITS and Komdigi to declare their commitment to strengthening the national AI talent ecosystem.



B. AI TALENT DAY & GRADUATION 2025



Institut Teknologi Sepuluh Nopember (ITS) turut hadir dalam acara AI Talent Day & Graduation 2025 yang diselenggarakan oleh Kementerian Komunikasi dan Digital (Kemkomdigi) di Jakarta. Dalam kesempatan tersebut, Wakil Menteri Komunikasi dan Digital, Nezar Patria, menyampaikan rencana perluasan program AI Talent Factory (AITF) dengan melibatkan sejumlah perguruan tinggi strategis, termasuk ITS, sebagai bagian dari upaya penguatan kapasitas dan daya saing talenta kecerdasan artifisial (Artificial Intelligence/AI) nasional.

Program ini diarahkan untuk mencetak talenta AI yang tidak hanya menjadi pengguna teknologi, tetapi juga mampu berperan sebagai pengembang dan penerap solusi AI guna mendukung ekosistem inovasi serta pertumbuhan ekonomi digital Indonesia.

Institut Teknologi Sepuluh Nopember (ITS) was present at the AI Talent Day & Graduation 2025, organized by the Ministry of Communication and Digital Affairs (Kemkomdigi) in Jakarta. On this occasion, the Vice Minister of Communication and Digital Affairs, Nezar Patria, conveyed the plan to expand the AI Talent Factory (AITF) program by involving several strategic universities, including ITS, as part of efforts to strengthen the capacity and competitiveness of Indonesia's artificial intelligence (AI) talent.

The program is aimed at developing AI talent that not only acts as technology users, but also as developers and implementers of AI-based solutions to support the national innovation ecosystem and the growth of Indonesia's digital economy.



5.2

ELECTICS COLLABORATION DAYS 2025

PERJALANAN DINAS KE NSYSU

Menanggapi mengenai “Menjalin Kolaborasi Internasional, Teknik Elektro ITS Gelar Short Program bersama ational Sun Yat-sen University (NSYSU) Taiwan”. Kegiatan ini merupakan kunjungan kerja sama dan forum akademik internasional antara FT-EIC ITS dengan NSYSU, Taiwan, yang dilaksanakan pada 1-7 November 2025.

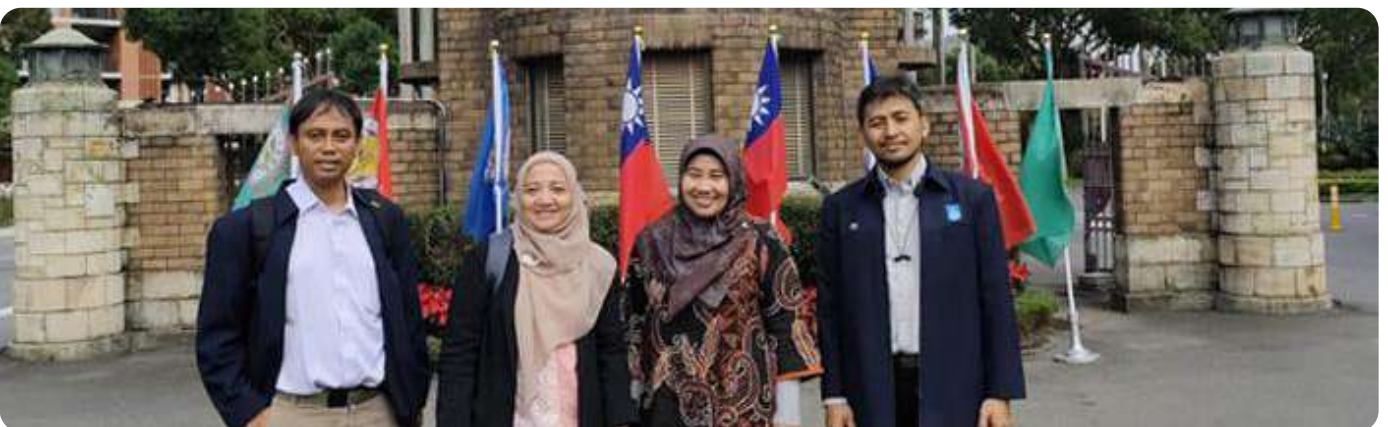
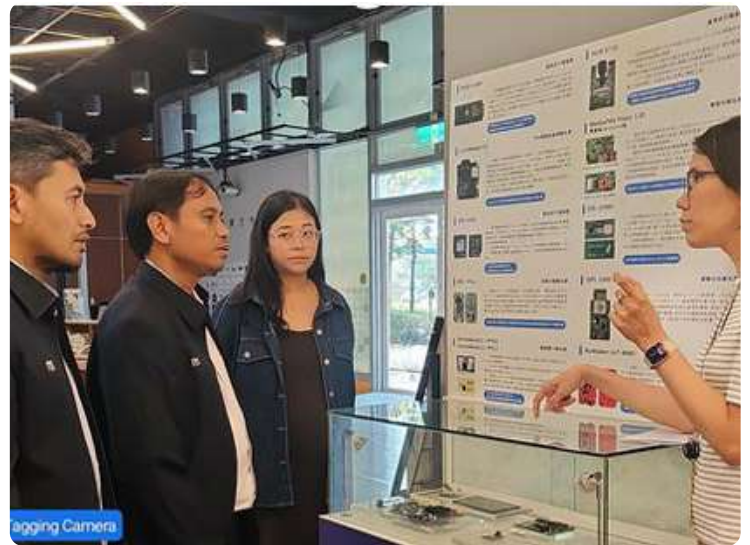
Kunjungan ini bertujuan untuk memperkuat internasionalisasi institusi melalui diskusi akademik, benchmarking, serta penjajakan kolaborasi strategis, khususnya dalam pengembangan program dual-degree dan penelitian bersama. Melalui pertemuan langsung dengan pimpinan dan akademisi NSYSU, kegiatan ini diharapkan menghasilkan pemetaan peluang kerja sama, penguatan jejaring internasional, serta menjadi langkah awal penyusunan nota kesepahaman (MoU) yang mendukung peningkatan reputasi dan daya saing ITS menuju perguruan tinggi berkkelas dunia.

FACULTY BUSINESS TRIP TO NSYSU

Responding to the issue of "Forging International Collaboration, ITS Electrical Engineering Holds a Short Program with NSYSU Taiwan". This activity is a cooperation visit and international academic forum between F-ELECTICS ITS and NSYSU, Taiwan, which will be held on November 1-7, 2025.

The visit aims to strengthen institutional internationalization through academic discussions, benchmarking, and exploring strategic collaborations, particularly in the development of dual-degree programs and joint research. Through direct meetings with NSYSU leaders and academics, this activity is expected to result in mapping opportunities for cooperation, strengthening international networks, and becoming the first step in drafting a memorandum of understanding (MoU) that supports the enhancement of ITS's reputation and competitiveness towards becoming a world-class university.







TEKNIK KOMPUTER ITS UNJUK GIGI DI PAMERAN EKSKLUSIF TOYOTA

Memperkuat eksistensi di kancah industri global, Teknik Komputer ITS menampilkan riset unggulan dalam pameran eksklusif di kantor pusat Toyota sebagai langkah awal kolaborasi strategis.

ITS COMPUTER ENGINEERING SHOWCASES ITS SKILLS AT THE EXCLUSIVE TOYOTA EXHIBITION

Strengthening its presence in the global industrial arena, ITS Computer Engineering showcased its leading research in an exclusive exhibition at Toyota headquarters as the first step in strategic collaboration.

Source: its.ac.id/news



KOLABORASI STRATEGIS TEKNIK ELEKTRO ITS DAN SIEMENS INDONESIA

Memperkuat sinergi akademis dan industri, Departemen Teknik Elektro ITS berkolaborasi dengan Siemens Indonesia melalui proyek EmpowerED U untuk mencetak lulusan unggul yang siap menghadapi tantangan global.

STRATEGIC COLLABORATION BETWEEN ITS ELECTRICAL ENGINEERING & SIEMENS INDONESIA

Strengthening the synergy between academia and industry, the Department of Electrical Engineering at ITS is collaborating with Siemens Indonesia through the EmpowerED U project to produce world-class graduates ready for global challenges.

Source: its.ac.id/news

SINERGI FT-EIC ITS & DELOITTE MEMBUKA PELUANG KARIR INTERNASIONAL

FT-EIC ITS & Deloitte Southeast Asia menjajaki kolaborasi strategis untuk membuka peluang karir global bagi mahasiswa dan alumni di bidang teknologi masa depan.

THE SYNERGY BETWEEN F- ELECTICS ITS AND DELOITTE OPENS INTERNATIONAL CAREER OPPORTUNITIES

F-ELECTICS ITS & Deloitte Southeast Asia are exploring strategic collaborations to unlock global career opportunities for students and alumni in future technology fields.



Source: its.ac.id/news

TEKNIK INFORMATIKA DAN UNIVERSITI MALAYA (UM) PERKUAT SINERGI GLOBAL

Melalui Workshop of AI-Powered Technologies, Teknik Informatika ITS dan Universiti Malaya resmi menjalin sinergi pendidikan lintas negara guna mencetak talenta digital berwawasan global.

INFORMATICS ENGINEERING AND UNIVERSITI MALAYA (UM) STRENGTHEN GLOBAL SYNERGY

Through the Workshop of AI-Powered Technologies, ITS Informatics Engineering and Universiti Malaya officially established cross-border educational synergy to produce globally-minded digital talents.



PERKUAT KOLABORASI INTERNASIONAL, TEKNIK ELEKTRO ITS DAN NSYSU TAIWAN GELAR SHORT PROGRAM

Memperkuat kolaborasi internasional, Teknik Elektro ITS menyambut mahasiswa NSYSU Taiwan dalam rangkaian workshop intensif mulai dari energi terbarukan hingga otomasi industri.

STRENGTHENING INTERNATIONAL COLLABORATION, ITS ELECTRICAL ENGINEERING & NSYSU TAIWAN HOLD SHORT PROGRAM

Strengthening international collaboration, ITS Electrical Engineering welcomed NSYSU Taiwan students in a series of intensive workshops ranging from renewable energy to industrial automation.





FT-EIC ITS & KEMENTERIAN PANRB JAJAKI KOLABORASI TRANSFORMASI DIGITAL

Membuka peluang kontribusi nyata bagi mahasiswa, FT-EIC ITS menjajaki kerja sama pengembangan sistem digital layanan hukum bersama Kementerian PANRB.

F-ELECTICS ITS & THE MINISTRY OF PANRB EXPLORE COLLABORATION ON DIGITAL TRANSFORMATION

Creating opportunities for students to make real-world contributions, F-ELECTICS ITS is exploring a strategic collaboration with the Ministry of PANRB to develop a digital legal services system



F-ELECTICS ITS AND BANK INDONESIA INSTITUTE COLLABORATION

F-ELECTICS ITS partners with Bank Indonesia Institute to strengthen national human capital and digital economy strategies.

KOLABORASI FT-EIC ITS DAN BANK INDONESIA INSTITUTE

FT-EIC ITS bersinergi dengan Bank Indonesia Institute dalam memperkuat strategi SDM dan ekosistem ekonomi digital nasional.

ISICO 2025

Departemen Sistem Informasi ITS sukses menyelenggarakan konferensi internasional ISICO 2025 di Bali, menghadirkan ratusan peneliti dari 21 negara untuk membahas peran strategis AI dalam transformasi bisnis digital.

ISICO 2025

The Department of Information Systems at ITS successfully hosted the ISICO 2025 international conference in Bali, bringing together hundreds of researchers from 21 countries to discuss the strategic role of AI in digital business transformation.



Source: its.ac.id/news



Source: its.ac.id/news

**ISITIA 2025**

Menandai edisi ke-26, Departemen Teknik Elektro ITS menyelenggarakan ISITIA 2025 untuk menggaungkan pentingnya kesetaraan peluang dalam inovasi teknologi global yang inklusif dan berkelanjutan.

ISITIA 2025

Marking its 26th edition, the ITS Department of Electrical Engineering held ISITIA 2025 to echo the importance of equal opportunities in inclusive and sustainable global technological innovation.



Source: its.ac.id/news

SHARING SESSION FT-EIC: PAHAMI KARAKTER GEN Z

Melalui forum diskusi ini, dosen dan civitas akademika FT-EIC ITS bersinergi menciptakan lingkungan belajar yang lebih inklusif dan suportif bagi potensi besar mahasiswa generasi Z.

F-ELECTICS SHARING SESSION: UNDERSTANDING GEN Z CHARACTERISTICS

Through this discussion forum, lecturers and academics of F-ELECTICS ITS work together to create a more inclusive and supportive learning environment for the great potential of Generation Z students.



Source: its.ac.id/news

TEKNOLOGI INFORMASI ITS GELAR ASESMEN PSIKOLOGI MAHASISWA

Teknologi Informasi ITS gelar asesmen psikologi untuk memetakan kesehatan mental dan tingkat kebahagiaan mahasiswa.

INFORMATION TECHNOLOGY ITS HOLDS STUDENT PSYCHOLOGICAL ASSESSMENT

Information Technology ITS conducted a psychological assessment to map students' mental health and happiness levels.

SINERGI TEKNIK KOMPUTER ITS BANGUN RESILIENSI MAHASISWA

Teknik Komputer menciptakan lingkungan belajar yang sehat melalui seminar bagi seluruh sivitas akademika.

COMPUTER ENGINEERING ITS SYNERGY BUILDS STUDENT RESILIENCE

Computer Engineering is creating a healthy learning environment for the entire academic community.



Source: its.ac.id/news

5.3

ELECTICS
SOCIAL IMPACT
DAYS 2025

Source: its.ac.id/news

INOVASI DIGITAL ITS HADIRKAN SMART VERTICAL GARDEN DI SEKOLAH

Prodi Inovasi Digital ITS implementasikan Smart Vertical Garden berbasis IoT di SDIT Al Uswah Surabaya.

DIGITAL INNOVATION ITS PRESENTS SMART VERTICAL GARDEN IN SCHOOLS

Digital Innovation ITS deploys an IoT-based Smart Vertical Garden at SDIT Al Uswah.

INOVASI AERATOR CERDAS TEKNIK ELEKTRO

Tim KKN Abmas Teknik Elektro hadirkan inovasi aerator cerdas guna modernisasi budidaya lele di Banyuwangi.

SMART AERATOR INNOVATION ELECTRICAL ENGINEERING

The Electrical Engineering KKN Abmas Team presented an innovation in the form of a smart aerator to modernize catfish farming in Banyuwangi.



Source: its.ac.id/news



Source: its.ac.id/news

TEKNIK ELEKTRO OLAH AIR LAUT JADI AIR MINUM DAN GARAM

Tim Teknik Elektro ITS hadirkan sistem SWRO bertenaga surya dan IoT di Pulau Gili Genting.

ELECTRICAL ENGINEERING TURNS SEAWATER INTO DRINKING WATER & SALT

ITS Electrical Engineering team deploys a solar-powered IoT system in Gili Genting.



Source: its.ac.id/news

BEM FT-EIC ITS BANGUN KAMPUNG HIDROPONIK RAMAH ENERGI

BEM FT-EIC ITS terapkan panel surya di Kampung Hidroponik Medokan Ayu guna wujudkan pertanian hemat energi dan berkelanjutan.

BEM F-ELECTICS ITS BUILDS ENERGY-EFFICIENT HYDROPONIC VILLAGE

BEM F-ELECTICS ITS implemented solar panels in the Medokan Ayu Hydroponic Village to realize energy-efficient and sustainable agriculture.



Source: its.ac.id/news

KKN LITERASI FT-EIC ITS DI DESA MABUNG

Dosen FT-EIC ITS dampingi mahasiswa dalam KKN Tematik Literasi di Desa Mabung untuk mendigitalisasi perpustakaan dan meningkatkan minat baca anak-anak.

F-ELECTICS ITS LITERACY COMMUNITY SERVICE IN MABUNG VILLAGE

F-ELECTICS ITS lecturers accompany students in the KKN Thematic Literacy in Mabung Village to digitize the library and increase children's interest in reading.



Source: its.ac.id/news

KONTRIBUSI FT-EIC ITS DALAM EKSPEDISI PATRIOT 2025

Tim FT-EIC ITS terjun dalam Ekspedisi Patriot 2025 untuk mendukung pemetaan dan pembangunan kawasan transmigrasi di seluruh Indonesia.

F-ELECTICS ITS CONTRIBUTION TO THE PATRIOT EXPEDITION 2025

The F-ELECTICS ITS team participated in the 2025 Patriot Expedition to support the mapping and development of transmigration areas throughout Indonesia.



Source: its.ac.id/news

INFORMATIKA ITS KENALKAN FUN CODING DI SEKOLAH DASAR

Tim KKN Abmas Informatika mengenalkan dunia pemrograman kepada siswa dan guru SDN Sutorejo 1 menggunakan Scratch untuk mengasah logika sejak dini.

INFORMATICS ITS INTRODUCES FUN CODING TO ELEMENTARY SCHOOLS

The Informatics KKN Team introduced the world of programming to students & teachers of SDN Sutorejo 1 using Scratch to hone logic from an early age.



BAB VI PRESTASI DAN INOVASI

*Chapter 6 | Achievements and
Innovations*

6.1

TONGGAK SEJARAH FT-EIC F-ELECTICS MILESTONES

A. PERINGKAT #1 DI BIDANG TERTENTU SEPERTI ARTIFICIAL INTELLIGENCE (AI)

Institut Teknologi Sepuluh Nopember (ITS) kembali menorehkan prestasi di tingkat nasional dan internasional. Berdasarkan pemeringkatan EduRank, ITS dinobatkan sebagai universitas terbaik di Indonesia dalam bidang Artificial Intelligence (AI). Dalam pemeringkatan tersebut, ITS menempati peringkat pertama nasional, peringkat sebagai berikut:

Source: detik.com

#1

Bidang
Artificial
Intelligence,
Di Indonesia

212

Bidang
Artificial
Intelligence,
Di Asia

742

Bidang
Artificial
Intelligence,
Di Dunia

Capaian ini tidak terlepas dari komitmen ITS dalam mengembangkan ekosistem pendidikan dan riset kecerdasan artifisial secara berkelanjutan. Melalui Program Studi Rekayasa Kecerdasan Artifisial dan berbagai kolaborasi riset lintas disiplin, ITS terus berkontribusi dalam pengembangan teknologi AI yang inovatif dan aplikatif.

Prestasi ini memperkuat posisi ITS sebagai pusat unggulan pengembangan teknologi kecerdasan buatan di Indonesia, sekaligus mendukung perannya dalam menjawab tantangan transformasi digital di tingkat global.

This achievement reflects ITS's strong commitment to advancing artificial intelligence through sustainable education and research initiatives. Supported by its Artificial Intelligence Engineering Study Program and interdisciplinary research collaborations, ITS continues to contribute to the development of innovative and impactful AI technologies.

This recognition further strengthens ITS's position as a leading center for artificial intelligence development in Indonesia, while reinforcing its role in addressing global digital transformation challenges.

B. UNIVERSITAS TERBAIK UNTUK TEKNOLOGI INFORMASI (TI) DI DUNIA

Institut Teknologi Sepuluh Nopember (ITS) menorehkan prestasi global sebagai salah satu universitas terbaik dunia di bidang Information Technology (IT).

Dalam pemeringkatan internasional, ITS berada di peringkat ke-81 dunia, peringkat ke-13 di Asia, dan peringkat ke-4 di Indonesia untuk bidang IT.

Berbasis di Surabaya, Indonesia, ITS dikenal sebagai institusi teknologi yang konsisten mendorong inovasi, riset unggulan, serta pengembangan talenta digital berdaya saing global. Dengan tingkat penerimaan sekitar 10%, ITS menjadi salah satu perguruan tinggi paling kompetitif di Indonesia.

Didirikan pada tahun 1960, ITS saat ini menaungi lebih dari 17.600 mahasiswa, dan terus berkomitmen mencetak lulusan yang siap menjawab tantangan transformasi teknologi di tingkat nasional maupun internasional.

B. BEST UNIVERSITIES FOR INFORMATION TECHNOLOGY (IT) IN THE WORLD

Institut Teknologi Sepuluh Nopember (ITS) has earned global recognition as one of the world's leading universities in Information Technology (IT).

In international rankings, ITS is positioned at 81st globally, 13th in Asia, and 4th nationally in Indonesia for the field of IT.

Located in Surabaya, Indonesia, ITS is widely recognized for its strong focus on technological innovation, impactful research, and the development of globally competitive digital talent. With an acceptance rate of approximately 10%, ITS stands among the most competitive higher education institutions in Indonesia.

Founded in 1960, ITS currently serves more than 17,600 students and remains committed to producing graduates capable of addressing the challenges of digital transformation at both national and global levels.

#13

Untuk Bidang
Teknologi Informasi,
Di Asia

#4

Untuk Bidang
Teknologi Informasi,
Di Indonesia

Acceptance Rate:
10%

Enrollment:
17,526

Founded:
1960

6.2

PRESTASI DAN
INOVASI FT-EICF-ELECTICS ACHIEVEMENTS
AND INNOVATIONS**DOSEN FT-EIC MASUK WORLD TOP 2% SCIENTIST BY STANFORD UNIVERSITY – ELSEVIER 2025.**

Dua dosen dari Fakultas Teknologi Elektro dan Informatika (FT-EIC) Institut Teknologi Sepuluh Nopember (ITS) berhasil masuk dalam daftar World Top 2% Scientists versi Stanford University — Elsevier 2025. Pengakuan internasional ini menunjukkan kualitas riset dan dampak ilmiah yang luar biasa dari para akademisi ITS di lingkup global.

F-ELECTICS LECTURER RANKED AMONG THE WORLD'S TOP 2% SCIENTISTS BY STANFORD UNIVERSITY – ELSEVIER 2025.

Two faculty members from the Faculty of Electrical Engineering and Computer Science (F-ELECTICS) at Institut Teknologi Sepuluh Nopember (ITS) have been recognized among the World's Top 2% Scientists by Stanford University — Elsevier 2025. This international distinction highlights the exceptional research quality and scientific impact of ITS scholars globally.

**Prof. Drs. Ec. Ir. Riyanarto Sarno, M.Sc.****Prof. Tohari Ahmad, S.Kom., M.IT., Ph.D.**

Penghargaan ini menguatkan posisi ITS sebagai pusat unggulan riset dan pendidikan tinggi yang berkontribusi secara signifikan terhadap ilmu pengetahuan dan teknologi dunia.

This accolade reinforces ITS's reputation as a leading research and higher education institution making significant contributions to global science and technology.

SENOPATI- ITS PELOPORI APLIKASI GENERATIVE AI DI INDONESIA

Institut Teknologi Sepuluh Nopember (ITS) meluncurkan SENOPATI (Sepuluh Nopember Personal Assistant with Intelligence), sebuah aplikasi generative AI yang dikembangkan untuk mendukung berbagai sektor seperti pendidikan, kesehatan, dan bisnis. SENOPATI diposisikan sebagai pelopor aplikasi generative AI di Indonesia, menghadirkan kemudahan dan inovasi teknologi cerdas yang lebih terstruktur bagi masyarakat.

SENOPATI - ITS PIONEERS GENERATIVE AI APPLICATION IN INDONESIA

Institut Teknologi Sepuluh Nopember (ITS) has launched SENOPATI (Sepuluh Nopember Personal Assistant with Intelligence), a generative AI application designed to support multiple sectors including education, healthcare, and business. Positioned as a pioneering generative AI innovation in Indonesia, SENOPATI offers advanced, structured AI assistance to benefit society.



C. IBRAIN 2U - INOVASI AI BERBASIS MRI UNTUK DIAGNOSIS PENYAKIT OTAK

Doktor lulusan Institut Teknologi Sepuluh Nopember (ITS) menciptakan inovasi berbasis Artificial Intelligence (AI) yang mampu mengoptimalkan diagnosis penyakit otak menggunakan citra MRI. Teknologi ini menghadirkan metode diagnosis yang lebih cepat dan akurat, serta membuka peluang baru dalam peningkatan layanan kesehatan berbasis kecerdasan buatan di Indonesia.

C. IBRAIN 2U - AI-BASED MRI INNOVATION FOR BRAIN DISEASE DIAGNOSIS

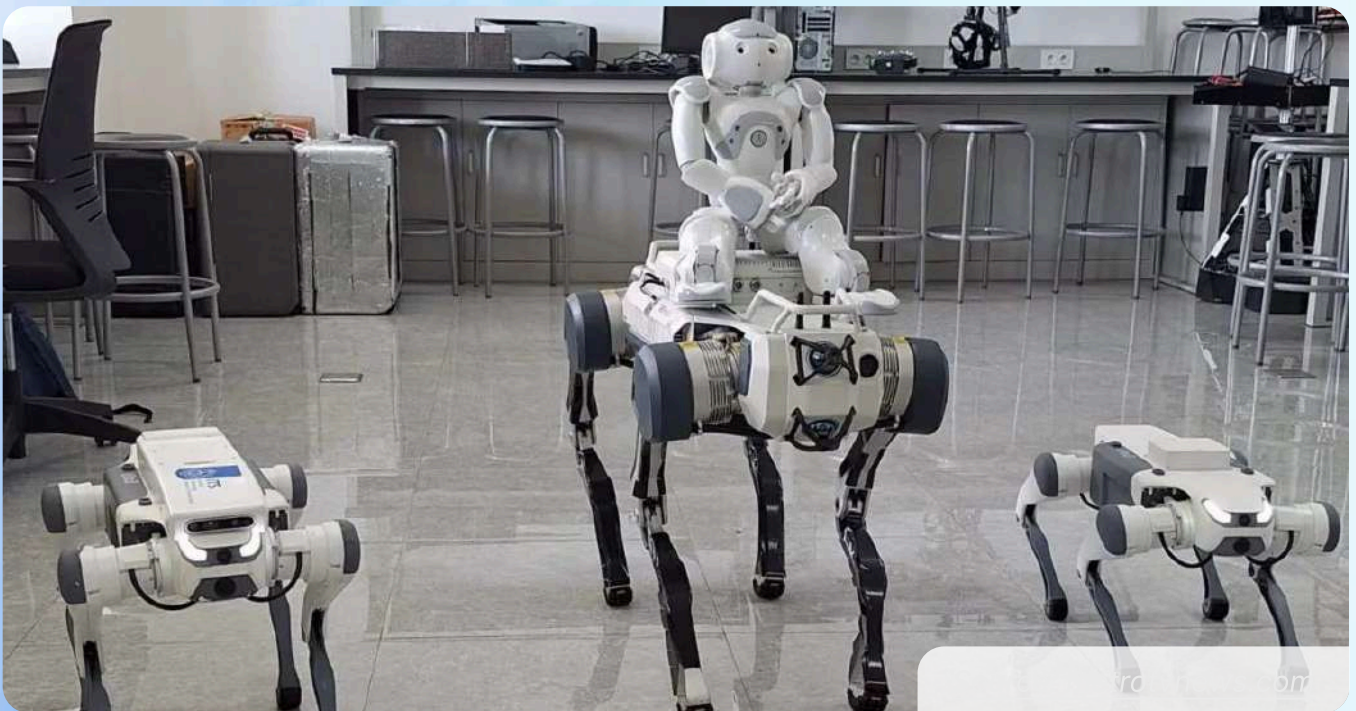
A doctoral graduate from Institut Teknologi Sepuluh Nopember (ITS) has developed an AI-based innovation that enhances brain disease diagnosis using MRI imaging. This technology offers faster and more accurate diagnostic capabilities, marking a significant advancement in AI-powered healthcare solutions in Indonesia.

ROBOT ANJING CERDAS UNTUK MENDUKUNG KERJA MANUSIA

Institut Teknologi Sepuluh Nopember (ITS) mengembangkan inovasi robot pintar yang dirancang untuk membantu aktivitas kerja manusia. Teknologi robotik ini menghadirkan solusi otomatisasi yang dapat mempercepat proses kerja, meningkatkan efisiensi, dan mendukung berbagai kebutuhan industri dan layanan sehari-hari. Inisiatif ini menunjukkan komitmen ITS dalam mengintegrasikan teknologi canggih untuk menjawab tantangan di era digital.

INTELLIGENT DOG ROBOTS TO SUPPORT HUMAN WORK

Institut Teknologi Sepuluh Nopember (ITS) has developed intelligent robots designed to support human work activities. This robotic innovation offers automation solutions that can accelerate work processes, improve efficiency, and meet various industrial and everyday service needs. The initiative reflects ITS's commitment to integrating advanced technology to address challenges in the digital era.



INOVASI, DAN PRESTASI DOSEN

INNOVATIONS AND ACHIEVEMENTS OF LECTURERS

Dosen FT-EIC ITS Raih Pendanaan EPICS in IEEE



Dosen FT-EIC ITS memperoleh pendanaan EPICS in IEEE untuk mengembangkan inovasi, sebagai bentuk kontribusi nyata.

ELECTICS ITS Lecturers Win EPICS in IEEE

FT-EIC ITS lecturers received EPICS in IEEE funding to develop innovations, as a form of tangible contribution.

Inovasi Radar dari FT-EIC ITS: Deteksi Penyakit Sawit



Menggabungkan ketajaman teknologi radar dengan permasalahan nyata di masyarakat, dosen muda dari Teknik Biomedik, mendorong kemajuan riset

Radar Innovation from ELECTICS ITS: Detecting Palm Oil Diseases

Combining the precision of radar technology with real-world problems, a young lecturer from Biomedical Engineering, driving research.

Dosen Sistem Informasi ITS Hadirkan Solusi Monitoring Pembangkit PLN



Para dosen lintas departemen di ITS berkolaborasi dalam kegiatan DKPU yang difokuskan pada pengembangan sistem monitoring pembangkitan energi.

ITS Information Systems Lecturer Presents Monitoring Solution for PLN

Lecturers from various departments at ITS have collaborated on a DKPU initiative focused on developing an energy generation monitoring system.



Source: its.ac.id/news

Dosen FT-EIC Kembangkan Buku Smart City

Buku ini merupakan hasil kolaborasi lintas disiplin dari berbagai dosen ITS, dengan kontribusi kuat dari civitas akademika FT-EIC ITS.

ELECTICS ITS Lecturers Develops Smart City Book

The book is the result of interdisciplinary collaboration among ITS lecturers, with strong contributions from the F-ELECTICS academic community.



Source: its.ac.id/news

Dosen FT-EIC Serah Terima Jabatan Section Chair IEEE Indonesia

Serah terima jabatan Section Chair IEEE Indonesia dari FT-EIC ITS memperkuat peran ITS dalam kolaborasi riset dan jejaring global.

ELECTICS ITS Lecturers Handing Over the Section Chair of IEEE Indonesia

The handover of the IEEE Indonesia Section Chair position from F-ELECTICS ITS strengthens ITS's role in research collaboration and global networking.

INOVASI, DAN PRESTASI MAHASISWA

INNOVATIONS AND ACHIEVEMENTS OF STUDENT

Emilia AI: Teman Virtual Penjaga Kesehatan Mental

Inovasi waifu berbasis AI karya mahasiswa Informatika untuk memberikan dukungan emosional dan menemani keseharian pengguna secara digital.



Source: its.ac.id/news

Emilia AI: A Virtual Companion for Mental Health

An AI-based virtual companion by Informatics students designed to provide emotional support and digital companionship for users.

Mahasiswa FT-EIC ITS Raih Grand Champion IRC 2025

Mahasiswa FT-EIC sukses membawa tim Barunastra meraih gelar Grand Champion pada ajang International Roboboat Competition 2025.



Source: its.ac.id/news

FT-EIC ITS Students Win Grand Champion at IRC 2025

F-ELECTICS students successfully led Team Barunastra to secure the Grand Champion title at the 2025 International Roboboat Competition.



Source: its.ac.id/news

ICHIRO: Borong 13 Medali di Level Dunia

Performa luar biasa robot humanoid ITS yang sukses menyapu bersih belasan medali di panggung FIRA RoboWorld Cup 2025.

ICHIRO Robots: Dominating the World with 13 Medals

An extraordinary performance by ITS humanoid robots, sweeping 13 medals at the FIRA RoboWorld Cup 2025.

TB Vector: Sistem Pertahanan Siber Juara GEMASTIK 2025

Inovasi deteksi ancaman siber membawa Tim DoAlert meraih kemenangan besar di ajang bergengsi tersebut.



Source: its.ac.id/news

TB Vector: GEMASTIK 2025 Winning Cyber Defense System

A cyber threat detection innovation that led Team DoAlert to a major victory in this prestigious competition.

RawatKasih: Sabet Juara 1 GEMASTIK 2025

Tim ITS menghadirkan aplikasi RawatKasih sebagai solusi sosial berbasis teknologi.



Source: its.ac.id/news

RawatKasih: Securing 1st Place at GEMASTIK 2025

ITS team introduced the RawatKasih application as a technology-based social solution.

Hobi Jadi Cuan: Bisnis 3D Modeling Global

Kisah sukses Egan membangun bisnis pemodelan mobil 3D, membuktikan skill teknis dapat mendorong ekonomi kreatif.



Source: its.ac.id/news

Hobby to Profit: Global 3D Modeling Business

Egan's success story in building a 3D car modeling business proves that technical skills drive economic growth.

MeccaBot: Asisten Cerdas Jemaah Haji untuk Pelayanan Haji

FT-EIC ITS menghadirkan solusi sistem informasi untuk mendukung pelayanan haji di Tanah Suci.



Source: its.ac.id/news

MeccaBot: Smart Digital Assistant for Hajj Services

F-ELECTICS ITS developed information system solutions to support Hajj services.

Kontribusi Mahasiswa FT-EIC dalam Kemenangan Internasional Tim Nogogeni

Mahasiswa Teknik Elektro sukses membawa Nogogeni meraih podium di berbagai ajang balap mobil hemat energi tingkat dunia.



ELECTICS Students Drive Nogogeni Team to International Victory

Electrical Engineering students successfully steered the Nogogeni team to podium finishes in prestigious international energy-efficient vehicle competitions.

Aplikasi Scoop: Standar Baru UI/UX Digital

Mahasiswa Sistem Informasi meraih penghargaan nasional melalui desain antarmuka aplikasi yang estetik dan sangat fungsional.



Scoop App: Setting New Standards in UI/UX Innovation

Information Systems students earned recognition through an aesthetic and highly functional user interface design.

Smart Waste Management: Juara 1 THEORIST 2025

Tim Unstoppable Teknik Elektro meraih podium tertinggi melalui inovasi pengelolaan sampah pintar berbasis IoT.



Smart Waste Management: 1st Place Winners at THEORIST 2025

Team Unstoppable from Electrical Engineering secured the top podium for their IoT-based smart city environmental innovation.

Mahasiswa SI ITS Pimpin Sidang Internasional

Mahasiswa Sistem Informasi ITS dipercaya memimpin sidang pada forum internasional.



ITS Information Systems Student Leads International Session

An ITS Information Systems student was entrusted to lead an international session.

Source: its.ac.id/news

Deretan Kemenangan ITS di KRTI 2025

Bayucaraka ITS mencatat berbagai kemenangan pada ajang Kontes Robot Terbang Indonesia 2025.

ITS Achievements at KRTI 2025

Bayucaraka ITS recorded multiple wins at the 2025 Indonesian Aerial Robotics Contest.

Almas: Doktor Muda Teknik Elektro ITS Berkiprah Global

Doktor muda Teknik Elektro ITS aktif berkontribusi melalui riset dan kolaborasi akademik global.

Source: its.ac.id/news

Almas: Young Doctorate of ITS Electrical Engineering on Global Stage

A young doctorate from ITS Electrical Engineering contributes through global research and collaboration.

PYROGEN-X: Inovasi Energi Terbarukan Raih Juara International Competition SICUS 2025

Tiga mahasiswa ELECTICS sukses mengharumkan nama ITS melalui inovasi kompor portabel berbasis gasifikasi biomassa di ajang internasional.

Source: its.ac.id/news

PYROGEN-X: Winning International Recognition at SICUS 2025

Three ELECTICS students represented ITS on the global stage, winning with their biomass gasification-based portable stove innovation.

Irsyad: Penakluk Dua Jurnal Internasional Q1

Prestasi membanggakan mahasiswa Informatika berhasil menembus dua publikasi bereputasi tinggi tingkat internasional.



Source: its.ac.id/news

Irsyad: Conquering International Q1 Journals

Outstanding achievement by an Informatics student, successfully publishing two high-impact papers in top-tier journals.

Salwa: Berprestasi di POMNAS Cab Catur

Berhasil membawa tim raih sederet medali membanggakan di Pekan Olahraga Mahasiswa Nasional (POMNAS) XIX



Source: its.ac.id/news

Salwa: Securing Chess Medals at POMNAS

Successfully led the team to a proud series of medals at the 19th National Student Sports Games (POMNAS).

Denta: Jalani Program Double Degree di Eropa

Mahasiswa FT-EIC ikuti program double degree sebagai penguatan kompetensi global.



Source: its.ac.id/news

Denta: Pursuing a Double Degree in Europe

ITS students joined double degree programs to strengthen global competencies.



Source: its.ac.id/news

Tim Rivera: Juara 1 KRAI, Taklukkan Ajang di Mongolia

Juara 1 Kontes Robot ABU Indonesia yang resmi mewakili bangsa di ajang kompetisi robotika internasional.

Team Rivera: National Champions to Conquer Mongolia

By winning 1st Place in ABU Robocon Indonesia, the team officially represents the nation internationally.

Azril: Prestasi Mahasiswa ITS di Bidang Keamanan Siber

Mahasiswa ITS menorehkan prestasi melalui inovasi dan kompetisi di bidang keamanan siber.



Azril: ITS Student Achievement in Cyber Security

ITS students achieved recognition through innovation and competitions in cyber security.

Inovasi Robot Gorong-Gorong ITS

ITS mengembangkan robot untuk membantu inspeksi dan perawatan infrastruktur perkotaan.



ITS Sewer Inspection Robot Innovation

ITS developed robots to support inspection and maintenance of urban infrastructure.

Rohmah: Riset ITS di Jepang

Mahasiswa pascasarjana ITS melaksanakan riset di universitas Jepang melalui kolaborasi akademik.



Rohmah: Pursuing Research in Japan

ITS postgraduate students conducted research in Japanese universities through academic collaboration.

Spektronics: 3 Penghargaan Internasional

Prestasi gemilang Tim Spektronics ITS dengan keterlibatan aktif mahasiswa Sistem Informasi FT-EIC dalam kompetisi dunia.



Spektronics: Securing 3 International Awards

A remarkable achievement by Team Spektronics, driven by the active participation of ELECTICS Information Systems students in global competitions.

ADVANCING
HUMANITY



Kampus
Merdeka
INDONESIA JAYA

ZONA
INTEGRITAS
MEMULI WILAYAH BEBAS KORUPSI DAN
WILAYAH BIROKRASI BERSIH DAN MELAYANI



2025 ANNUAL REPORT

“Bring Humanized
Intelligent
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For More Information!

Youtube: F-ELECTICS ITS

Instagram: @its_electics dan @iup_electicsits

Website: its.ac.id/fakultas-teknologi-elektro-dan-informatika-cerdas

