



INSTITUT TEKNOLOGI BANDUNG

University Secretary



INDONESIA

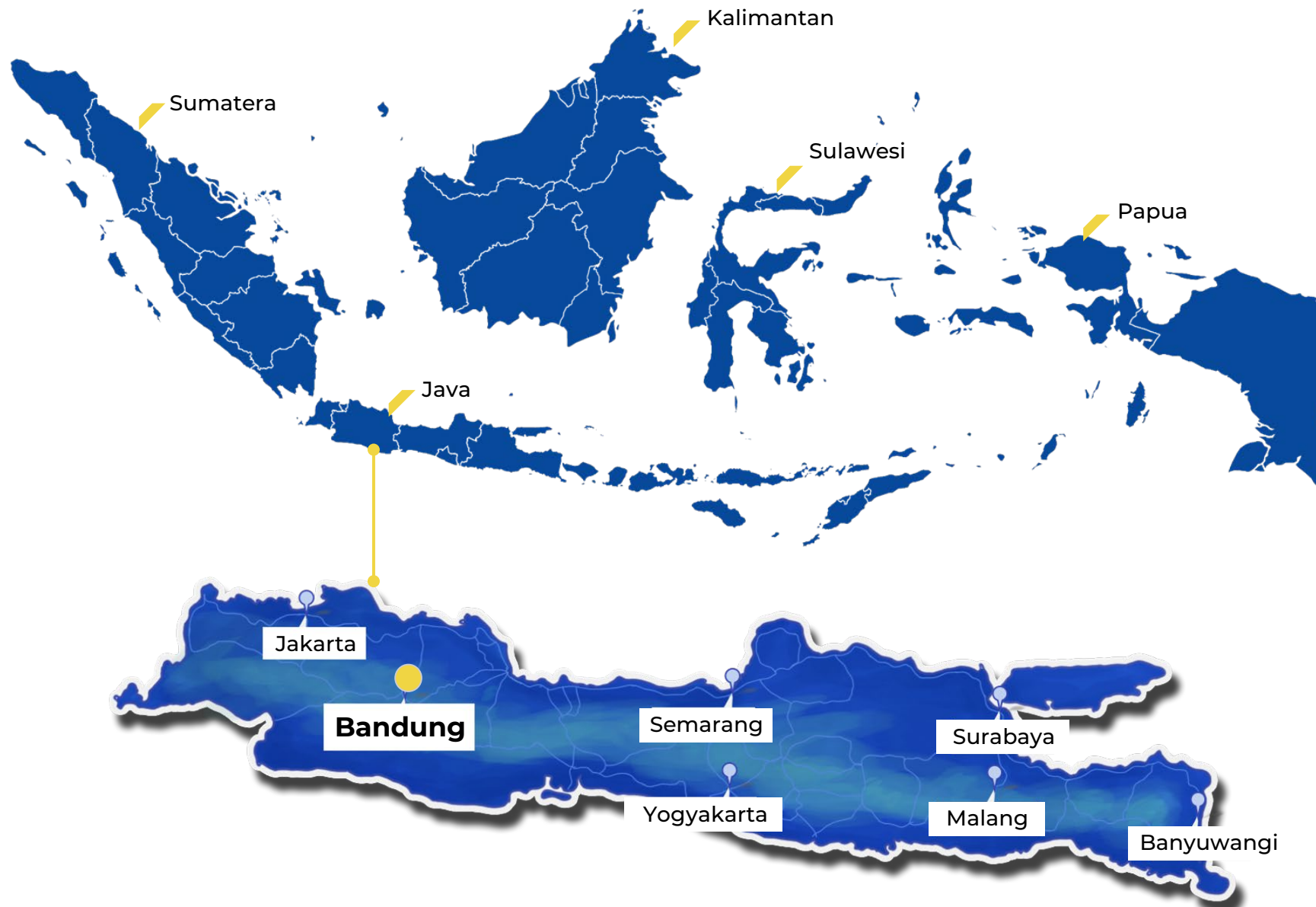
37 Provinces

*Capital City: Jakarta,
Java Island*

278 Million Population

Indonesian Statistics Agency, 2023

WHERE ARE
WE LOCATED?





ITB Campuses

ITB **Ganesha Campus**
(29 hectares)



ITB **Jatinangor Campus**
(40 hectares)



ITB **Cirebon Campus**
(70 hectares, in construction)



ITB **Jakarta Campus**
(Graha Irama, 10th and 11th floor)



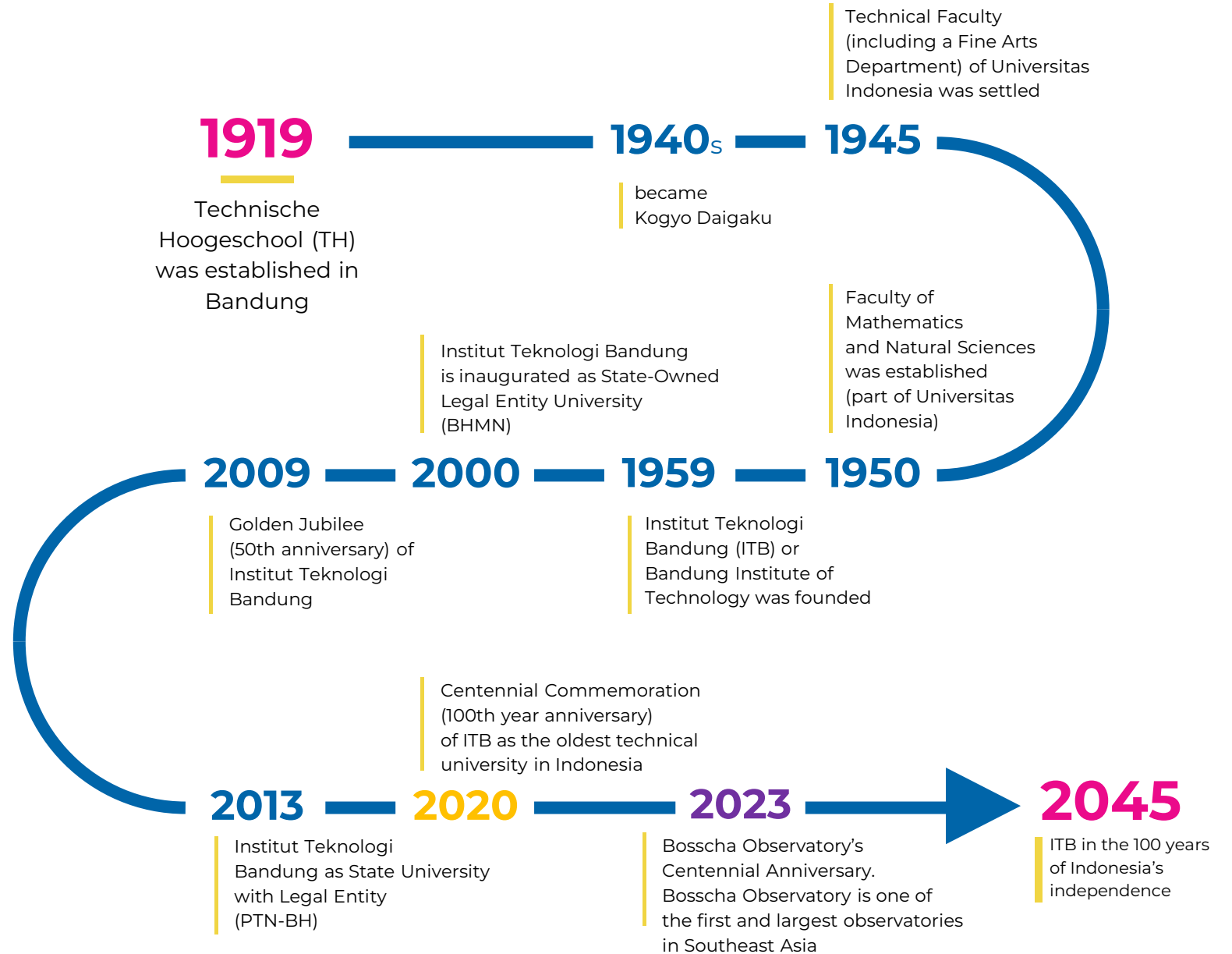
ITB's Future Campus



Future ITB Campus in **Walini**,
West Java (**planned**)

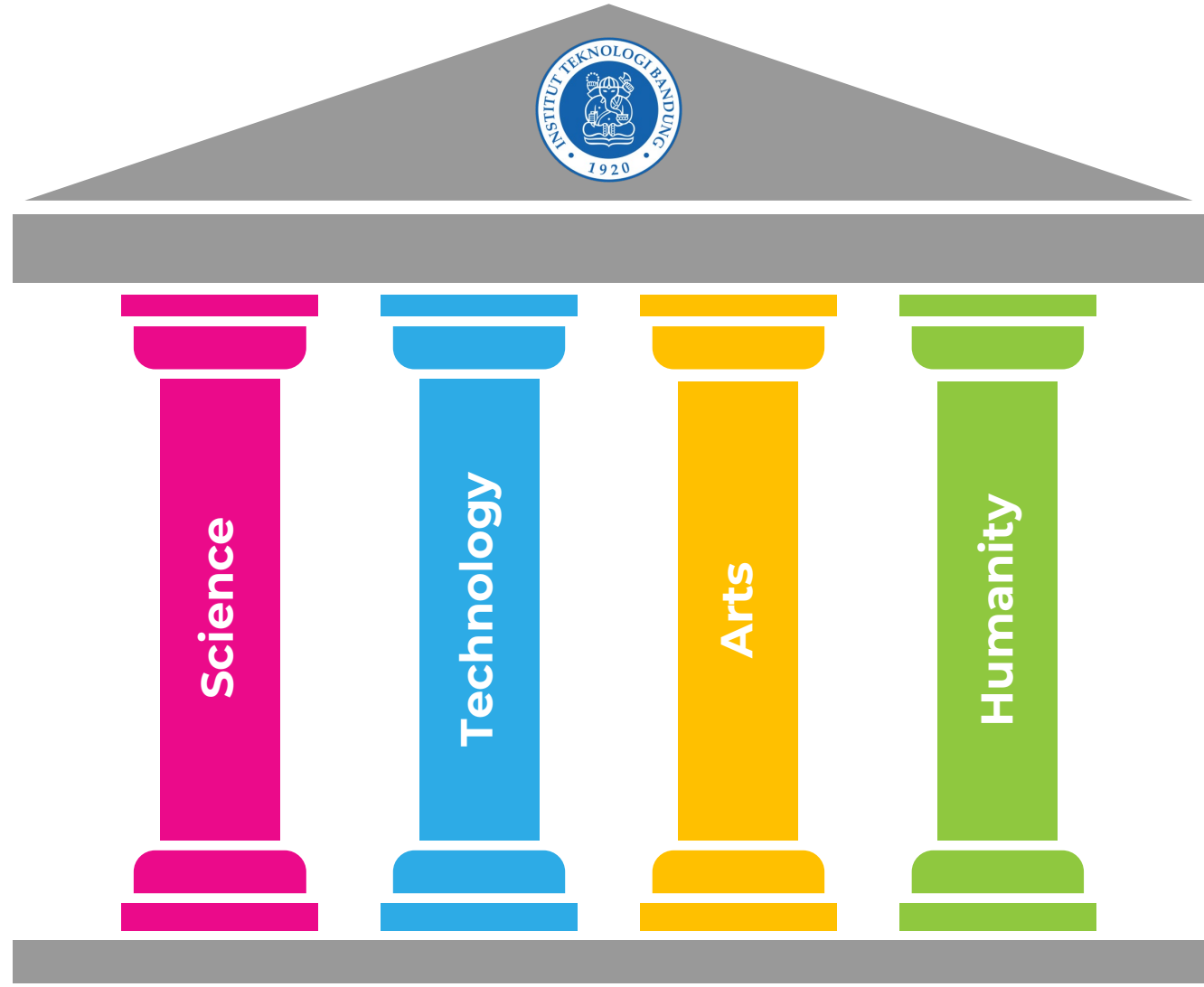


History Diagram





ITB's Four Pillars





ITB: a Globally Respected and Locally Relevant University

VISION

To become an outstanding, distinguished, independent, and internationally recognized university that leads changes toward welfare improvement of the Indonesian nation and the world



MISSION

To innovate, share, and apply science, technology, art and humanity and to produce excellent human resources for better Indonesia and the world

CHARACTERS

- 1) Excellence in Teaching & Learning
- 2) Excellence in Research
- 3) Excellence in Innovation



FACULTIES AND SCHOOLS

Bachelor, Master, Doctoral, Professional Programs

Programs in Indonesian

Programs in English



**12 Schools/Faculties +
1 Graduate School**



178 Study Programs



114 Research Groups

1. School of Architecture, Planning and Policy Development
2. School of Business and Management
3. School of Electrical Engineering and Informatics
4. School of Life Sciences and Technology
5. School of Pharmacy
6. Faculty of Arts and Design
7. Faculty of Civil and Environmental Engineering
8. Faculty of Earth Sciences and Technology
9. Faculty of Industrial Technology
10. Faculty of Mathematics and Natural Sciences
11. Faculty of Mechanical and Aerospace Engineering
12. Faculty of Mining and Petroleum Engineering
13. Graduate School



6

**International
Undergraduate
Programs**
(2024)

21

**International
Track
Programs**
(2024)

55

**International
Master's
Programs**
(2024)

28

**International
Doctor's
Programs**
(2024)



6

International Undergraduate Programs

(2024)



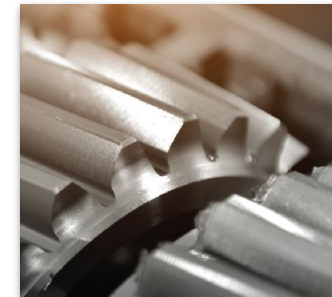
**Chemical Engineering
(FIT)**



**Environmental Engineering
(FCEE)**



**Aerospace Engineering
(FMAE)**



**Mechanical Engineering
(FMAE)**



**Entrepreneurship
(SBM)**



**Management
(SBM)**



21

International Track Programs (Undergraduate) (2024)

1. Physics
2. Biology
3. Microbiology
4. Bioengineering
5. Pharmaceutical Science and Technology
6. Clinical and Community Pharmacy
7. Geological Engineering
8. Geodesy and Geomatics Engineering
9. Engineering Physics
10. Industrial Engineering
11. Food Engineering
12. Architecture
13. Urban and Regional Planning
14. Electrical Power Engineering
15. Telecommunication Engineering
16. Materials Engineering
17. Fine Arts
18. Craft
19. Interior Design
20. Visual Communication Design
21. Product Design



55

International Master's Programs

(2024)

Master of Land Administration
Geological Engineering
Earth Sciences
Groundwater Engineering
Geodesy and Geomatics Engineering
Mathematics
Physics
Astronomy
Chemistry
Actuarial Sciences
Computational Sciences
Teaching Mathematics
Physics Teaching
Chemistry Teaching
Nuclear Science and Engineering
Visual Arts
Design
Chemical Engineering
Engineering Physics
Industrial Engineering and
Management
Instrumentation and Control
Master of Applied Logistics Oriented
Mechanical Engineering
Aeronautics and Astronautics
Material Engineering

Civil Engineering
Environmental Engineering
Ocean Engineering
Management of Water Clean
Infrastructure and Sanitation
Water Resources Management
Highway Engineering and
Development
Mining Engineering
Petroleum Engineering
Geophysical Engineering
Metallurgical Engineering
Geothermal Engineering
Development Studies
Transportation
Architecture
Regional and City Planning
Urban Design
Tourism Planning
Landscape Architecture
Master in Management Science
Master of Business Administration
Master of Business Administration -
Jakarta
Pharmacy
Master of Sport



28

International Doctor's Programs

(2024)

Geological Engineering
Earth Sciences
Geodesy and Geomatics Engineering
Mathematics
Physics
Astronomy
Chemistry
Nuclear Engineering
Visual Arts and Design
Chemical Engineering
Engineering Physics
Industrial Engineering and Management
Mechanical Engineering
Aeronautics and Astronautics
Material Science and Engineering
Civil Engineering
Environmental Engineering
Mining Engineering
Petroleum Engineering
Geophysical Engineering
Transportation
Architecture
Regional and City Planning
Doctor in Science Management



ITB's Rank



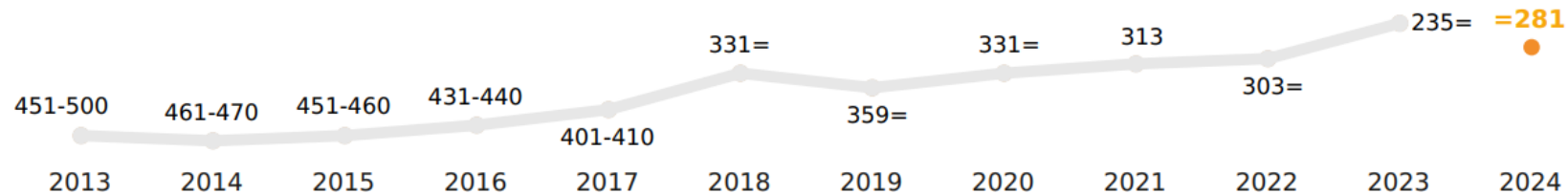
ITB's World Rank 2024



**2024 OVERALL RANK
#281**

Rankings trend

Showing published rank



Top 19%

In the 2024 edition, the institution performed among the Top 19% in the QS World University Rankings.



ITB's Rank

(Based on Subjects)

FACULTIES AND
SCHOOLS



Subject	Rank
Engineering – Petroleum	51-100
Art and Design	101-150
Development Studies	101-120
Architecture and Built Environment	101-150
Engineering – Civil and Structure ok	151-200
Engineering – Electrical and Electronic	201-250
Engineering – Mechanical	201-250
Engineering and Technology	224
Engineering – Chemical	251-300
Computer Science and Information System	301-350
Business and Management Studies	301-350
Agriculture and Forestry	301-350
Social Sciences and Management	327
Material Sciences	351-400
Mathematics	351-400
Environmental Sciences	401-450
Arts and Humanities	401-450
Physics and Astronomy	451-500
Natural Sciences	451-300
Chemistry	451-500

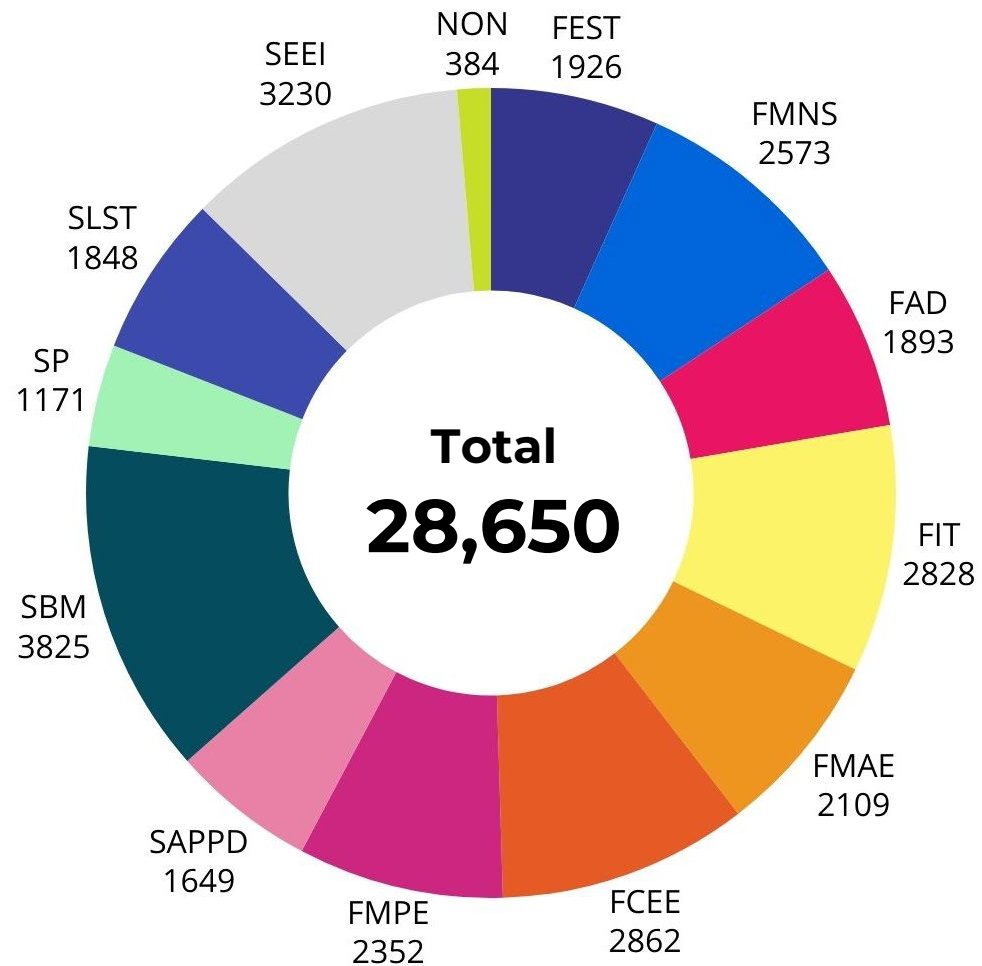


NUMBER OF STUDENTS



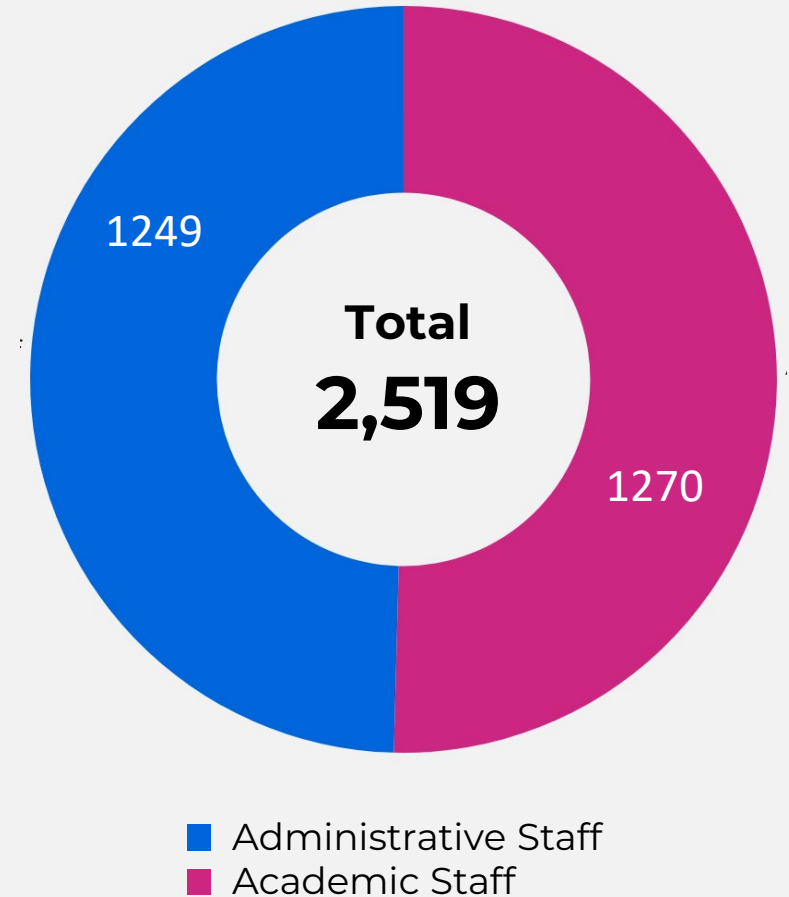
Number of Students

(in 2024)



Number of Staff

(in 2024)





COMMUNITIES



Institute for Innovation and Entrepreneurship Development



Institute for Science and Technology Development



Institute for Research and Community Service



LPIK ITB



244

Startups



1127

HKI



212

Research
Innovations



2651

Members



7

Research Centers

—
LPIT





Centers in ITB

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LPIT



- Center for Agrarian Studies
- Center for Artificial Intelligence
- Center for Carbon Dioxide and Flare Gas
- Center for Catalysis Engineering
- Center for Climate Change
- Center for Coastal and Marine Development
- Center for Defense and Security Technology
- Center for Environmental Studies
- Center for Health and Sport Technologies
- Center for Industrial Technology
- Center for Instrumentation Technology & Automation
- Center for Logistics & Supply Chain Studies



Centers in ITB

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LPIT

- Center for Mathematical Modelling and Simulation
- Center for Microelectronics
- Center for Public Policy and Governance
- Center for Remote Sensing
- Center for Research on Energy Policy
- Center for Rural Areas Empowerment
- Center for Smart City and Community Innovation
- Center for Spatial Data Infrastructure
- Center for Sustainable Transportation Technology Development
- Center for Tourism Planning and Development
- Center for Unmanned System Studies
- Center for Water Resources Development
- ITB Halal Center





LPPM ITB



RISET ITB



OVERSEAS RESEARCH
GRANTS



OGfICE



POSTDOCTORAL
FELLOWSHIP



RISET KOLABORASI
INDONESIA



PENELITIAN
KEMNRISTEK/BRIN



BANTUAN
PENYELENGGARAAN
KONFERENSI
INTERNASIONAL



PRIORITAS RISET
NASIONAL



GRANT RISET SAWIT



RISPRO KOLABORASI
INTERNASIONAL



RISET INTERNASIONAL



PROGRAM PENELITIAN
KOLABORASI INDONESIA



WORLD CLASS PROFESSOR



LPPM ITB



Apa itu
Biosensor?

Biosensors

Early Diagnosis Tools
to Save Lives

oleh: **Dr. Shofarul Wustoni** - Dosen Peneliti FMIPA ITB



CAE

Computer Aided Engineering

Computer Aided Engineering in Indonesia

oleh: **Dr. Mahesa Akbar** - Dosen Peneliti FTMD ITB



Switched Reluctance Motor

The Alternative of Rare-Earth Free Motor

oleh: **Dr. Jihad Furqani** - Dosen Peneliti STEI ITB



Ionic Liquids

Designer Solvents for
Green Chemistry

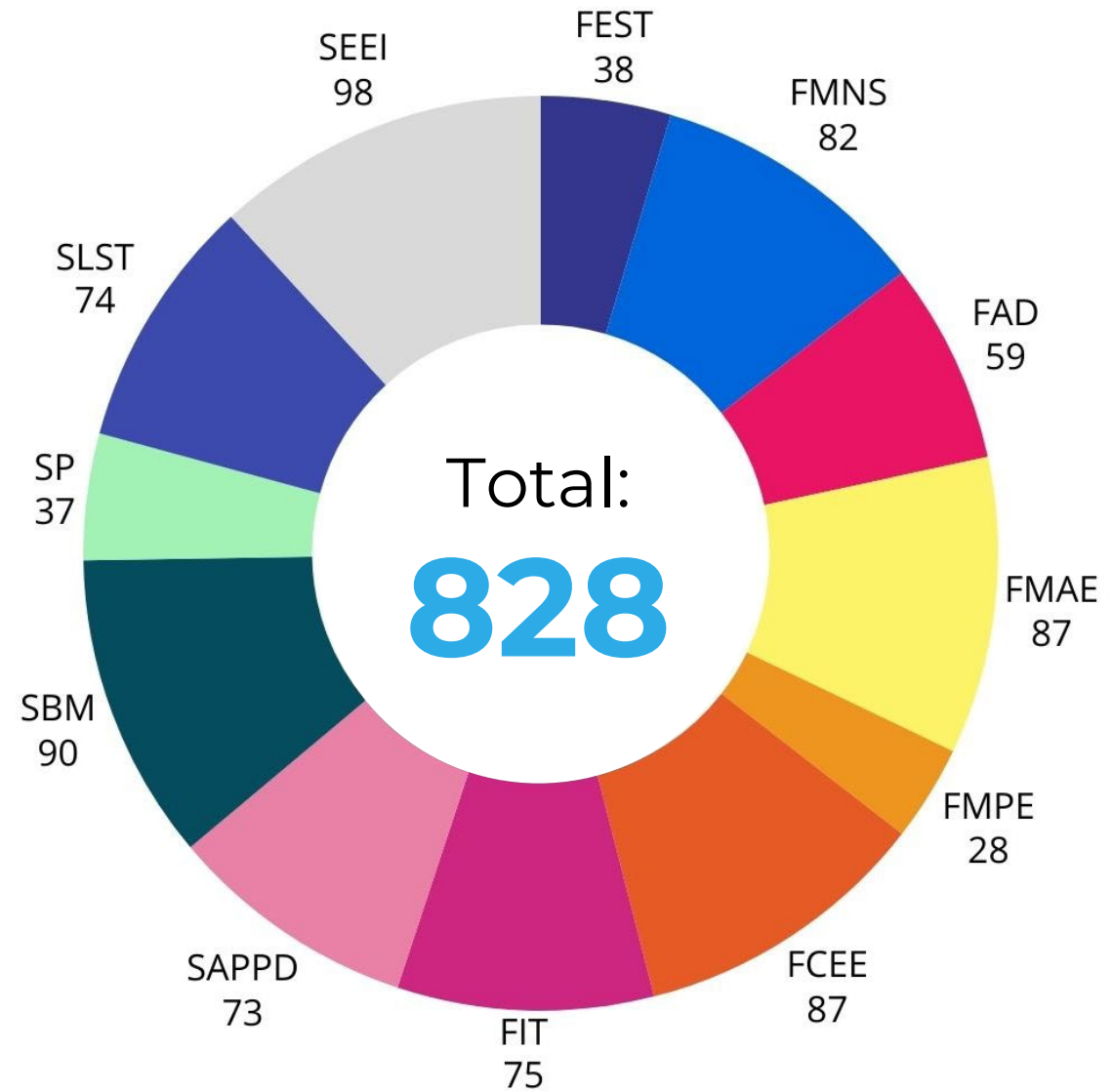
oleh: **Kiki Adi Kurnia, Ph.D.** - Dosen Peneliti FTI ITB



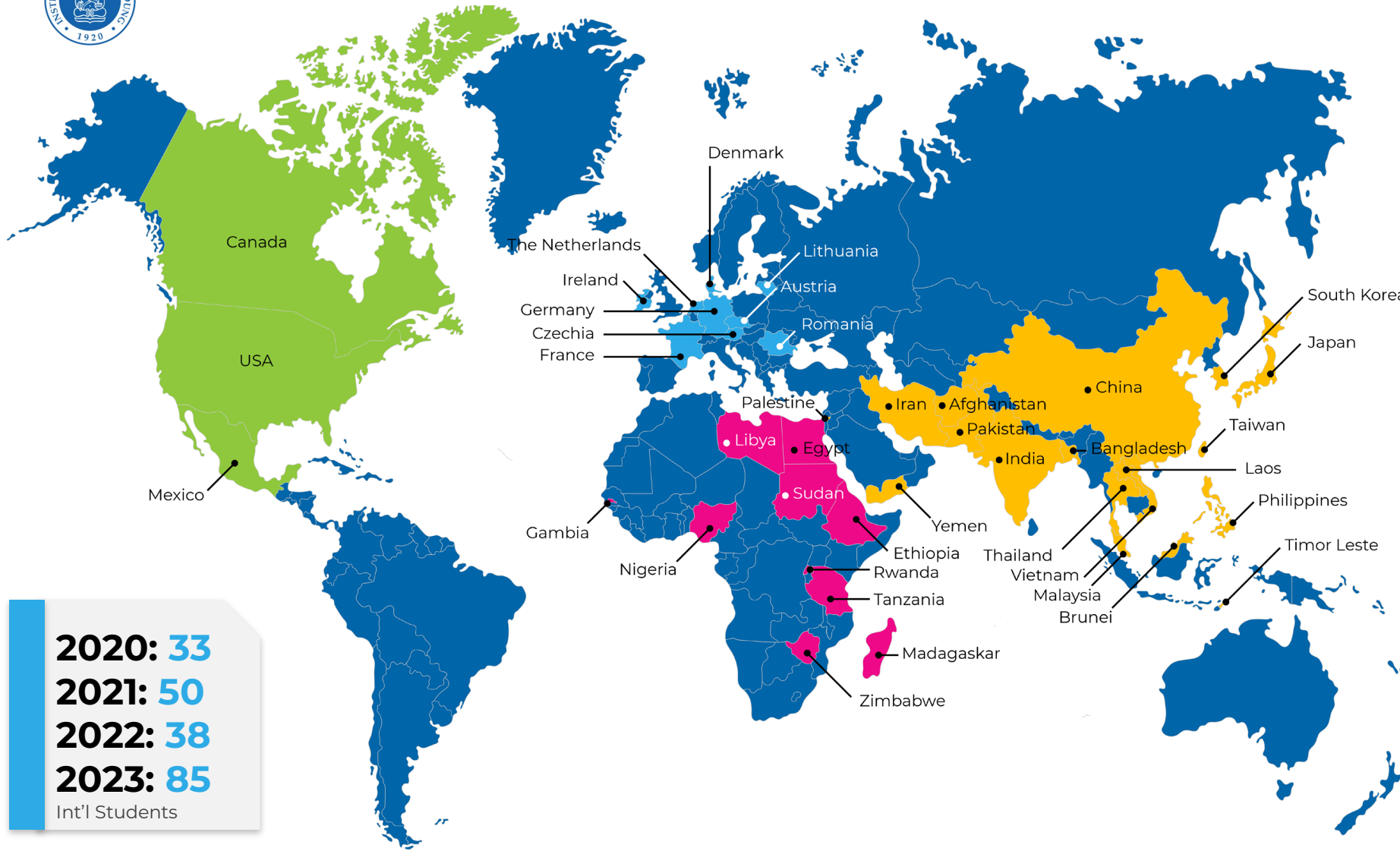
INTERNATIONAL COLLABORATION



Number of International Academic Partners in 2023



Source:
International Relations Office, February 2024



2020: 33
2021: 50
2022: 38
2023: 85

Int'l Students

International Students (0.33%)

Origin Countries :

● **Africa** (Ethiopia, Gambia, Libya, Madagascar, Egypt, Nigeria, Rwanda, Sudan, Tanzania, Zimbabwe, Algeria)

● **Central and South Asia** (Iran, Palestine, Yemen, Pakistan, Afghanistan, Bangladesh, India)

● **East and Southeast Asia** (Malaysia, Timor Leste, Vietnam, Brunei Darussalam, Philippines, Laos, Thailand, China, Japan, South Korea, Taiwan, Singapore)

● **Europe** (Austria, Netherland, Czech Republic, Denmark, Ireland, Germany, Lithuania, France, Romania, Spain, Sweden, Switzerland, Russia)

● **America** (United States, Canada, Mexico)



Potential Collaboration



International Students Outing



Research Collaboration



Double Degree



Other types of collaboration (e.g. co-supervision, visiting professors)



Faculty and student Exchange



Potential Collaboration

International Virtual Courses

Short-term Programs:

- Placemaking and Social Experiment (Bachelor/Master, 3 months)
- Industrial Visits from Faculty of Mechanical and Aerospace Engineering (Bachelor/Master, 1 day-1 week)
- Developing Electricity & Telecommunication Infrastructure
- Engineering Intervention for Foster Villages – Community Development (Bachelor, 1-2 months)
- Social Entrepreneurship: sustainable Business in Indonesia (Bachelor, 2-3 weeks)
- Doing Business in Indonesia: Exploring Creative Industries (Bachelor/Master, 2-3 weeks)

Course Packages:

- Indonesian Visual Culture (Bachelor)
- Advances in Medical Biotechnology (Advanced Bachelor)
- Sustainable Aquaculture and Tropical Agriculture (Advanced Bachelor)
- Modern and Herbal Medicine: Indonesian Perspectives (Advanced Bachelor)
- Developing Electricity & Telecommunication Infrastructure in Rural Areas (Bachelor/Master)
- Ecological Design (Bachelor/Master)
- Tropical Green and Sustainable Architecture of Indonesia (Master)
- Sustainable Infrastructure (Advanced Bachelor/Master)
- Planning and Designing Cities in the Global South (Final Year Bachelor)
- Sensors Technology for Industry 4.0 (Advanced Bachelor)



Potential Collaboration

Interdisciplinary Collaboration



ITB and Universitas Padjadjaran established collaboration in the field of education and health technology development



Bandung, West Java

Population
2.6 million
(2023)



Tea Plantation (Ciwidey), Kawah Putih/White Crater (Lembang), Gedung Sate (Bandung City)

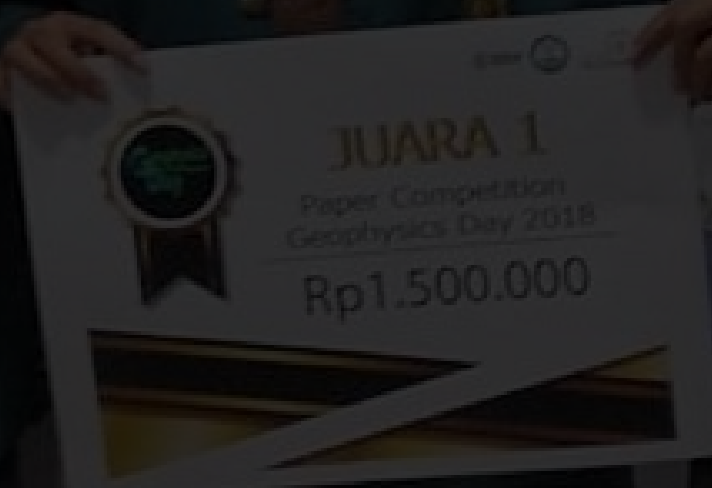


ITB – International Partners and Consortium

Interweave (**Erasmus Mundus Partnership Asia-Europe**), World Renewable Energy Network; The ASEAN University Network/Southeast Asia Engineering Education Development Network (**AUN/SEED-Net**); Resolution for International Cooperation & the Joint Research Work; **EMILYA** - European Programme for International Mobility with Asia; SEATUC (South East Asian Technical University Consortium); **ASIA-UNINET**, Global Engineering Education Exchange (**GE3**); Asia Technological University Network (**ATU-NET**); ASEAN International Mobility for Student Programme (**AIMS**), Asia-Oceania Top University League on Engineering (**AOTULE**); Association of Southeast Asian Institution of Higher Learning (**ASAIHL**); Global Technology Initiative (**GTI**); Population-Activities-Resources-Environment (**PARE**); President's forum of Southeast Asia and South Asia and Taiwan University (**SATU**); Swiss-

A photograph of three students, two men and one woman, smiling and posing together. The man on the left is holding a large, ornate trophy. The woman in the center is holding a large certificate. The man on the right is standing with his arm around the woman. They are all wearing blue jackets. The background is a white banner with the logos of Universitas Pertamina and Institut Teknologi Bandung (ITB).

STUDENT'S ACHIEVEMENTS



Universitas
Pertamina



Five ITB students won gold medals in a prestigious business competition, The 2023 Asian Student's Venture Forum held by The Korean Economic Daily.

ITB sent five representatives of Geological Engineering students to the AAPG Imperial Barrel Award Asia Pacific Region 2023 and won 1st place. The annual event is intended for postgraduate geoscience students from universities around the world.



Two teams of STEI ITB delegates succeeded in winning two titles in the Huawei ICT Competition 2022. Both teams succeeded in becoming champions in the Cloud Track and Network Track categories in the national finals.

Thank You!

Stay protected, stay safe,
stay productive !

- In harmonia progressio -

