INSTITUT TEKNOLOGI BANDUNG
University Secretary
WHERE ARE WE LOCATED?

**37 Provinces**
*Capital City: Jakarta, Java Island*

**279 Million Population**
*Indonesian Statistics Agency, 2024*
ITB Campuses

**ITB Ganesha Campus**
(29 hectares)

**ITB Jatinangor Campus**
(40 hectares)

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

**ITB Jakarta Campus**
(Graha Irama Building, 10th and 12th floor)
ITB’s
Future Campus

Future ITB Campus in Walini, West Java *(planned)*
1919
Technische Hoogeschool (TH) was established in Bandung

1940
Institut Teknologi Bandung became Kogyo Daigaku

1945
Faculty of Mathematics and Natural Sciences was established (part of Universitas Indonesia)

1950
Institut Teknologi Bandung (ITB) or Bandung Institute of Technology was founded

1959
Faculty of Mathematics and Natural Sciences was established (part of Universitas Indonesia)

1990
Institut Teknologi Bandung is inaugurated as State-Owned Legal Entity University (BHMN)

2000
Institut Teknologi Bandung as State University with Legal Entity (PTN-BH)

2009
Golden Jubilee (50th anniversary) of Institut Teknologi Bandung

2013
Centennial Commemoration (100th year anniversary) of ITB as the oldest technical university in Indonesia

2020
Bosscha Observatory’s Centennial Anniversary. Bosscha Observatory is one of the first and largest observatories in Southeast Asia

2023
ITB in the 100 years of Indonesia’s independence

2045
Bosscha Observatory’s Centennial Anniversary. Bosscha Observatory is one of the first and largest observatories in Southeast Asia
ITB’s Four Pillars

Science
Technology
Arts
Humanity
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

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

178 Study Programs

114 Research Groups
6 International Undergraduate Programs (2024)

21 International Track Programs (2024)

55 International Master’s Programs (2024)

28 International Doctor’s Programs (2024)
International Undergraduate Programs (2024)

- Chemical Engineering (FIT)
- Environmental Engineering (FCEE)
- Aerospace Engineering (FMAE)
- Mechanical Engineering (FMAE)
- Entrepreneurship (SBM)
- Management (SBM)
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
<table>
<thead>
<tr>
<th>Master of Land Administration</th>
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<tbody>
<tr>
<td>Geological Engineering</td>
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<tr>
<td>Earth Sciences</td>
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<tr>
<td>Groundwater Engineering</td>
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<tr>
<td>Geodesy and Geomatics Engineering</td>
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<tr>
<td>Mathematics</td>
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<tr>
<td>Physics</td>
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<tr>
<td>Astronomy</td>
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<tr>
<td>Chemistry</td>
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<td>Actuarial Sciences</td>
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<tr>
<td>Computational Sciences</td>
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<tr>
<td>Teaching Mathematics</td>
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<tr>
<td>Physics Teaching</td>
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<tr>
<td>Chemistry Teaching</td>
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<tr>
<td>Nuclear Science and Engineering</td>
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<tr>
<td>Visual Arts</td>
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<tr>
<td>Design</td>
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<tr>
<td>Chemical Engineering</td>
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<tr>
<td>Engineering Physics</td>
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<tr>
<td>Industrial Engineering and Management</td>
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<tr>
<td>Instrumentation and Control</td>
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<tr>
<td>Master of Applied Logistics Oriented</td>
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<tr>
<td>Mechanical Engineering</td>
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<tr>
<td>Aeronautics and Astronautics</td>
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<td>Material Engineering</td>
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<td>Civil Engineering</td>
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<td>Environmental Engineering</td>
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<td>Ocean Engineering</td>
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<tr>
<td>Management of Water Clean</td>
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<tr>
<td>Infrastructure and Sanitation</td>
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<tr>
<td>Water Resources Management</td>
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<tr>
<td>Highway Engineering and Development</td>
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<tr>
<td>Mining Engineering</td>
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<td>Petroleum Engineering</td>
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<tr>
<td>Geophysical Engineering</td>
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<tr>
<td>Metallurgical Engineering</td>
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<tr>
<td>Geothermal Engineering</td>
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<tr>
<td>Development Studies</td>
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<tr>
<td>Transportation</td>
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<tr>
<td>Architecture</td>
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<tr>
<td>Regional and City Planning</td>
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<tr>
<td>Urban Design</td>
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<tr>
<td>Tourism Planning</td>
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<tr>
<td>Landscape Architecture</td>
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<tr>
<td>Master in Management Science</td>
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<tr>
<td>Master of Business Administration</td>
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<tr>
<td>Master of Business Administration - Jakarta</td>
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<tr>
<td>Pharmacy</td>
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<tr>
<td>Master of Sport</td>
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</tbody>
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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)*

### QS World University Rankings

**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)

Total
29,021

Number of Staff (in 2024)

Total
2,501

Source: http://satudata.itb.ac.id (May 2024)
COMMUNITIES
Institute for Innovation and Entrepreneurship Development

Institute for Science and Technology Development

Institute for Research and Community Service
LPIK ITB

244
Startups

1144
HKI

212
Research Innovations

2682
Members

Source: http://lpik.ac.id (February 2024)
Centers in ITB

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

- 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

LPIT
Biosensors
Early Diagnosis Tools to Save Lives

Computer Aided Engineering
in Indonesia

Switched Reluctance Motor
The Alternative of Rare-Earth Free Motor

Ionic Liquids
Designer Solvents for Green Chemistry
INTERNATIONAL COLLABORATION
Number of International Academic Partners in 2024

Total: 855

Source: International Relations Office, May 2024
Origin Countries:

- **Africa** (Ethiopia, Gambia, Libya, Madagascar, Egypt, Nigeria, Rwanda, Sudan, Tanzania, Zimbabwe, Algeria, Morocco, Uganda)
- **Central and South Asia** (Iran, Palestine, Yemen, Pakistan, Afghanistan, Bangladesh, India, Jordan, Kazakhstan, Syrian Arab Republic)
- **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, Hungary, Jersey, Poland)
- **America, Oceania** (United States, Canada, Mexico, Australia)

International Students (0.33%)

- 2020: 33
- 2021: 50
- 2022: 38
- 2023: 221
- 2024: 207
Potential Collaboration

- International Students Outing
- Research Collaboration
- Double Degree
- Faculty and student Exchange
- Other types of collaboration (e.g. co-supervision, visiting professors)
<table>
<thead>
<tr>
<th>Course Packages:</th>
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<tbody>
<tr>
<td>• Indonesian Visual Culture (Bachelor)</td>
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<tr>
<td>• Advances in Medical Biotechnology (Advanced Bachelor)</td>
</tr>
<tr>
<td>• Sustainable Aquaculture and Tropical Agriculture (Advanced Bachelor)</td>
</tr>
<tr>
<td>• Modern and Herbal Medicine: Indonesian Perspectives (Advanced Bachelor)</td>
</tr>
<tr>
<td>• Developing Electricity &amp; Telecommunication Infrastructure in Rural Areas (Bachelor/Master)</td>
</tr>
<tr>
<td>• Ecological Design (Bachelor/Master)</td>
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<tr>
<td>• Tropical Green and Sustainable Architecture of Indonesia (Master)</td>
</tr>
<tr>
<td>• Sustainable Infrastructure (Advanced Bachelor/Master)</td>
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<tr>
<td>• Planning and Designing Cities in the Global South (Final Year Bachelor)</td>
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<tr>
<td>• Sensors Technology for Industry 4.0 (Advanced Bachelor)</td>
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</tbody>
</table>

<table>
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<tr>
<th>Short-term Programs:</th>
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<tbody>
<tr>
<td>• Placemaking and Social Experiment (Bachelor/Master, 3 months)</td>
</tr>
<tr>
<td>• Industrial Visits from Faculty of Mechanical and Aerospace Engineering (Bachelor/Master, 1 day-1 week)</td>
</tr>
<tr>
<td>• Developing Electricity &amp; Telecommunication Infrastructure</td>
</tr>
<tr>
<td>• Engineering Intervention for Foster Villages – Community Development (Bachelor, 1-2 months)</td>
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<tr>
<td>• Social Entrepreneurship: sustainable Business in Indonesia (Bachelor, 2-3 weeks)</td>
</tr>
<tr>
<td>• Doing Business in Indonesia: Exploring Creative Industries (Bachelor/Master, 2-3 weeks)</td>
</tr>
</tbody>
</table>
Potential Collaboration

Interdisciplinary Collaboration

ITB and Universitas Padjajaran established collaboration in the field of education and health technology development.
Bandung, West Java

Population 2.7 million (2024)

Tea Plantation (Ciwidey), Kawah Putih/White Crater (Lembang), Gedung Sate (Bandung City)
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-ASEAN Learning and Teaching (SALT); University Consortium on the 21st Century Maritime Silk Road (UCMSR); ITB – International Partners and Consortium.
STUDENT’S ACHIEVEMENTS
Maya Team from ITB (Saskia from Management, Priscilla and Clara from System and Information Technology) won the national L’Oreal Brandstorm 2024. They will compete in the international competition later in June 2024.

Sherina Wijaya, a Geological Engineering student, received the Best Presenter award at the International Symposium on Earth Science and Technology 2023 (CINEST) organized by Kyushu University in Fukuoka, Japan, in Nov-Dec 2023.

Gabriela Rehuli Serviya Ginting, an Entrepreneur student, won two awards in the Unilever Future Leader's League (UFLL) for team category (2nd winner) and individual category (as the Indonesian delegation for UFLL Final Global Round in London).
Thank You!

Stay protected, stay safe, stay productive!

- In harmonia progressio -