INSTITUT TEKNOLOGI BANDUNG

University Secretary
WHERE ARE WE LOCATED?

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

**ITB’s Future Campus**
History Diagram

1919
Technische Hoogeschool (TH) was established in Bandung

1940s
Institut Teknologi Bandung (ITB) or Bandung Institute of Technology was founded

1945
Institut Teknologi Bandung is inaugurated as State-Owned Legal Entity University (BHMN)

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

1950
Institut Teknologi Bandung as State University with Legal Entity (PTN-BH)

1959
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Institut Teknologi Bandung (ITB) or Bandung Institute of Technology was founded

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

2013
Institut Teknologi Bandung as State University with Legal Entity (PTN-BH)

2023
Bosscha Observatory's Centennial Anniversary. Bosscha Observatory is one of the first and largest observatories in Southeast Asia

2045
ITB in the 100 years of Indonesia's independence

2020
Centennial Commemoration (100th year anniversary) of ITB as the oldest technical university in Indonesia

2000
Technical Faculty (including a Fine Arts Department) of Universitas Indonesia was settled

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2045
ITB in the 100 years of Indonesia's independence
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
International Undergraduate Programs (2024)

- Chemical Engineering (FIT)
- Environmental Engineering (FCEE)
- Aerospace Engineering (FMAE)
- Mechanical Engineering (FMAE)
- Entrepreneurship (SBM)
- Management (SBM)
<table>
<thead>
<tr>
<th>Program</th>
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<tbody>
<tr>
<td>1. Physics</td>
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<tr>
<td>2. Biology</td>
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<tr>
<td>3. Microbiology</td>
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<tr>
<td>4. Bioengineering</td>
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<tr>
<td>5. Pharmaceutical Science and Technology</td>
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<tr>
<td>6. Clinical and Community Pharmacy</td>
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<tr>
<td>7. Geological Engineering</td>
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<tr>
<td>8. Geodesy and Geomatics Engineering</td>
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<td>9. Engineering Physics</td>
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<td>10. Industrial Engineering</td>
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<tr>
<td>11. Food Engineering</td>
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<tr>
<td>12. Architecture</td>
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<td>13. Urban and Regional Planning</td>
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<tr>
<td>14. Electrical Power Engineering</td>
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<tr>
<td>15. Telecommunication Engineering</td>
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<tr>
<td>16. Materials Engineering</td>
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<tr>
<td>17. Fine Arts</td>
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<tr>
<td>18. Craft</td>
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<tr>
<td>19. Interior Design</td>
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<tr>
<td>20. Visual Communication Design</td>
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<tr>
<td>21. Product Design</td>
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</tbody>
</table>
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
<table>
<thead>
<tr>
<th>Subject Area</th>
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</thead>
<tbody>
<tr>
<td>Geological Engineering</td>
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<tr>
<td>Earth Sciences</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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<tr>
<td>Nuclear Engineering</td>
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<tr>
<td>Visual Arts and Design</td>
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<tr>
<td>Chemical Engineering</td>
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<tr>
<td>Engineering Physics</td>
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<td>Industrial Engineering and Management</td>
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<tr>
<td>Mechanical Engineering</td>
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<tr>
<td>Aeronautics and Astronautics</td>
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<tr>
<td>Material Science and Engineering</td>
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<tr>
<td>Civil Engineering</td>
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<td>Environmental Engineering</td>
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<tr>
<td>Mining Engineering</td>
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<tr>
<td>Petroleum Engineering</td>
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<tr>
<td>Geophysical Engineering</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>
</tr>
<tr>
<td>Doctor in Science Management</td>
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</tbody>
</table>
ITB’s Rank
ITB’s World Rank 2024

2024 OVERALL RANK #281

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)

<table>
<thead>
<tr>
<th>Subject</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering – Petroleum</td>
<td>51-100</td>
</tr>
<tr>
<td>Art and Design</td>
<td>101-150</td>
</tr>
<tr>
<td>Development Studies</td>
<td>101-120</td>
</tr>
<tr>
<td>Architecture and Built Environment</td>
<td>101-150</td>
</tr>
<tr>
<td>Engineering – Civil and Structure ok</td>
<td>151-200</td>
</tr>
<tr>
<td>Engineering – Electrical and Electronic</td>
<td>201-250</td>
</tr>
<tr>
<td>Engineering – Mechanical</td>
<td>201-250</td>
</tr>
<tr>
<td>Engineering and Technology</td>
<td>224</td>
</tr>
<tr>
<td>Engineering – Chemical</td>
<td>251-300</td>
</tr>
<tr>
<td>Computer Science and Information System</td>
<td>301-350</td>
</tr>
<tr>
<td>Business and Management Studies</td>
<td>301-350</td>
</tr>
<tr>
<td>Agriculture and Forestry</td>
<td>301-350</td>
</tr>
<tr>
<td>Social Sciences and Management</td>
<td>327</td>
</tr>
<tr>
<td>Material Sciences</td>
<td>351-400</td>
</tr>
<tr>
<td>Mathematics</td>
<td>351-400</td>
</tr>
<tr>
<td>Environmental Sciences</td>
<td>401-450</td>
</tr>
<tr>
<td>Arts and Humanities</td>
<td>401-450</td>
</tr>
<tr>
<td>Physics and Astronomy</td>
<td>451-500</td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>451-300</td>
</tr>
<tr>
<td>Chemistry</td>
<td>451-500</td>
</tr>
</tbody>
</table>
NUMBER OF STUDENTS
Number of Students (in 2024)

- Total: 28,650

Number of Staff (in 2024)

- Total: 2,519
- Administrative Staff: 1270
- Academic Staff: 1249

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

Institute for Science and Technology Development

Institute for Research and Community Service
LPIK ITB

- **Startups**: 244
- **HKI**: 1127
- **Research Innovations**: 212
- **Members**: 2651

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

LPIT

Bioscience and Biotechnology

New and Renewable Energy

Infrastructure and Territory

Disaster Mitigation

Nanoscience and Nanotechnology

Cultural and Environmental Products

Information and Communication Technology
Centers in ITB

- 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
- 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
Biosensors
Early Diagnosis Tools to Save Lives
oleh: Dr. Shofaru Wustoni - Dosen Peneliti FMIPA ITB

Computer Aided Engineering
in Indonesia
oleh: Dr. Mahosa 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
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, Netherlands, Czech Republic, Denmark, Ireland, Germany, Lithuania, France, Romania, Spain, Sweden, Switzerland, Russia)
- **America** (United States, Canada, Mexico)

**International Students (0.33%)**

- 2020: 33
- 2021: 50
- 2022: 38
- 2023: 85
Potential Collaboration

- International Students Outing
- Research Collaboration
- Double Degree
- Faculty and student Exchange
- Other types of collaboration (e.g. co-supervision, visiting professors)
### 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)

### 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)
ITB and Universitas Padjajaran 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)
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 Aria and South Asia and Taiwan University (SATU); Swiss-Silk.
STUDENT’S ACHIEVEMENTS
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.

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

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 -