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GRADUATE SCHOOL OF ITB

Institut Teknologi Bandung
2018-2019

IT'S A NEW DAWN

GRADUATE SCHOOL OF ITB

Institut Teknologi Bandung
2018-2019

IT'S A NEW DAWN

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IT'S A NEW DAWN

Regardless of your previous background, a decision of pursuing graduate education is not an easy process; it is a new dawn in your life that you should approach with a lot of considerations. You should go to graduate school when you decide that you would like the most out of the experience.

When it comes to choosing graduate school and graduate program, a few considerations springs to your mind: scholarly reputation in the area of your interest, the quality of the faculty, both in teaching, and in research, and the quality of student colleagues. In these regards, the Graduate School of The Institut Teknologi Bandung, has a lot to offer you, in the area of sciences, engineering, business and arts. With their commitment to research, the faculty member of ITB bring the experience from the fields to classrooms and laboratories to shape your experience in advanced learning of a specialized discipline or sub discipline; preparing you to advance professionally in your future careers.

The success of graduate education does not solely depend on the quality of the instructions. Graduate programs thrive on the lively interactions between students and the academic communities. Our faculty members are among finest academically, with national and international reputations. Involvement in faculty's research is our way of strengthening our graduate program, and at the same time provides the students with the opportunity to undertake research that is relevant to our mutual interests.

Here at ITB, you will meet fellow students from various cultures, eager to learn themselves, making ITB a fertile ground for exchanging ideas and developing you, both personally and academically. So, when you are thinking for a new dawn of your graduate education, ITB may be a right place for you. We look forward to welcoming you to our campus.

Pudji Astuti

Dean of Graduate School
and Professor of Mathematics







ITB GRADUATE SCHOOL: A GLANCE

Institut Teknologi Bandung is Indonesia's premier school of science, engineering, and arts; with a mission to create, to apply, and to share the knowledge of science, technology and art, for the advancement of Indonesia and humanity in-large. The Graduate School of ITB equips students with advanced learning of a specialized discipline or sub-discipline; gives an in-depth understanding so that the student becomes something of an expert in the particular topic of study. Through involvement in research, students learn advanced skills in such areas as problem-solving, methodology, communication, both in writing and oral presentations, and technology, each as applied to the particular field of study.

Doctoral programs prepare students to be leaders of research and research groups, conceiving and promoting new ideas. Master's programs train students to participate as part of a team carrying out advanced work. Some of the master's programs is geared towards training professional practitioners, such as Master's Program in Management, Master's Program for teachers. Our master's is a four semesters program, while doctoral program is six semester beyond master's program. For students with excellent track records, we offer master's leading to doctoral programs, which takes eight semesters combined











ITB Graduate School currently offers 52 master's programs and 26 doctoral programs in various areas of sciences, engineering, business, art and design, with the student body of 7,632 (6,657 enrolled in master's programs, and 975 in doctoral programs).

In collaboration with Rijkuniversiteit Groningen (RUG) the Netherlands, UKM (Universitas Kebangsaan Malaysia), UGM & Universitat Karlsruhe (TH) Germany, IFP School (France Institute of Petroleum Postgraduate School) Perancis, UGM-UNESCO-Osaka University, Kyoto University, Kanazawa University, Japan, ITB offers an opportunity to obtain a double master degrees.







AN EVOLUTION

The history of Institut Teknologi Bandung dates back to 1920 during colonial time, with the establishment of Technische Hogeshool te Bandoeng (TH-Bandoeng) . For a very brief period in 1944-1945, it became Kogyo Daigaku Bandung. After Indonesia independence in 1945, the current campus housed the technical, mathematics and natural sciences, and arts branches of Universitas Indonesia – known as UI-Bandung. Finally in 1959, Institut Teknologi Bandung was inaugurated.













The history of graduate education in ITB is as old as ITB itself, which started out as the Technische Hogeschool in 1920. At that time doctoral program was integrated into the faculties of the respected discipline. As ITB moved closer to the Anglo-Saxon system, ITB established the Graduate School in 1976, and started offering master's programs in 1979, in three disciplines: Mathematics, Physics, and Mechanical Engineering. The Graduate School has since flourished that currently it offers 52 master's programs and 26 doctoral programs in various disciplines and sub-disciplines of sciences, engineering, business, and arts. Since its establishment in 1976 to this day, the Graduate School has inaugurated more than 20,000 master's and 900 doctoral graduates.

VOICES OF US

PROVOKED AND INSPIRED BY OPENNESS AND INVENTIVENESS

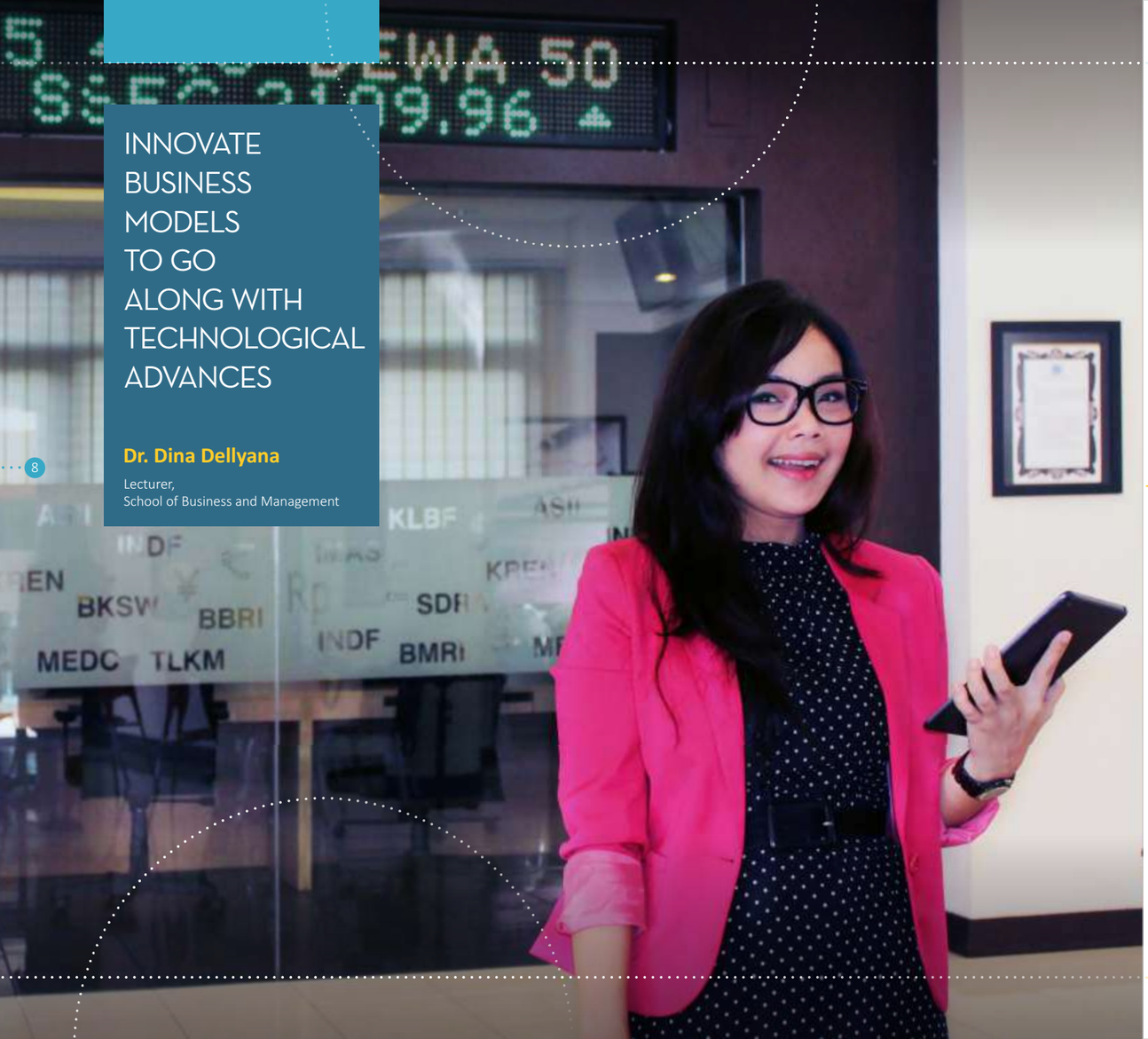
Park MyungGong
Master's Program in Design, specializing in Fashion



Complex interactions between aesthetics and fashion in conveying styles through traditional cultures of Indonesia and Korea are always intriguing. Here at ITB I'am constantly challenged, provoked and inspired by openness and inventiveness of the faculty members, mentors and peers alike.

INNOVATE BUSINESS MODELS TO GO ALONG WITH TECHNOLOGICAL ADVANCES

Dr. Dina Dellyana
Lecturer,
School of Business and Management















In the rapidly changing business landscape, competition forces companies not to depend solely on innovation on the product. Network, activity systems, marketing, and distribution must be refined; It is the whole business model that must be innovated. Technological advances should be partnered by smart business models.



COLLABORATION TO MATERIALIZE ABSTRACT NOTIONS

Dr. Intan M. Alamsyah
Associate Professor,
Mathematics













Many scientists or even mathematicians say that algebra is a study of abstract nonsense. However, here at ITB, through interactions with engineers, we see those abstract nonsense materialize into indispensable methods or language to secure our digital communication.

INSPIRATION, INITIATIVES, AND MASSIVE EFFORT TO MAKE PROGRESS

Dr. Djoko Sardjadi
Associate Professor,
Aerospace Engineering










Progress by merely following trend is certainly not enough to propel us into frontier. It will need inspiration, initiatives, and massive effort to make a thrust into the limelight. Research in technology is clearly indispensable in this effort. Let us join force, together we make things possible.

RISING UP TO CHALLENGES IN IMPROVING QUALITY OF LIFE

Dr. Heni Rachmawati
Associate Professor,
School of Pharmacy



The main challenge to pharmaceutics is improving drug efficacy, which very much depends on formulation and delivery systems. Rising up to those challenges, using current science and technology for a better quality of human life, is one of the most exciting part of my job.

ENRICHING LIFE THROUGH VISUAL LANGUAGE AND CULTURE

Dr. Setiawan Sabana
Professor, School of
Art and Design








Our experience of contemporary life is increasingly feed and enriched by communication events in visual language and culture. It is a sign of time that the study of art, design, and craft has become important and urgent in its own right. It is our *raison d'etre* of art inside a scientific and technological institute.

GRADUATE PROGRAMS

FACULTY OF MATHEMATICS AND NATURAL SCIENCES

www.fmipa.itb.ac.id

The Faculty of Mathematics and Natural Sciences (FMIPA) of Institut Teknologi Bandung (ITB) offers education in four branches of scientific disciplines, namely Astronomy, Chemistry, Mathematics and Physics. Graduate degress are offered in the four disciplines via both the pure, and applied sciences tracks.

With more than 200 faculty members, FMIPA actively conducts research in 15 different sub-divisions of mathematics and the natural sciences: *Astronomy*, *Algebra*, *Analysis and Geometry*, *Combinatorial Mathematics*, *Industrial and Financial Mathematics*, *Statistics*, *Analytical Chemistry*, *Biochemistry*, *Inorganic and Physical Chemistry*, *Organic Chemistry*, *Nuclear Physics and Biophysics*, *Complex Systems and Earth Physics*, *Physics of Electronic Material*, *Physics of Magnetism and Photonics*, and *Theoretical High Energy Physics and Instrumentation*. We strive to provide a conducive research environment, by provisioning world-class research facilities and support.







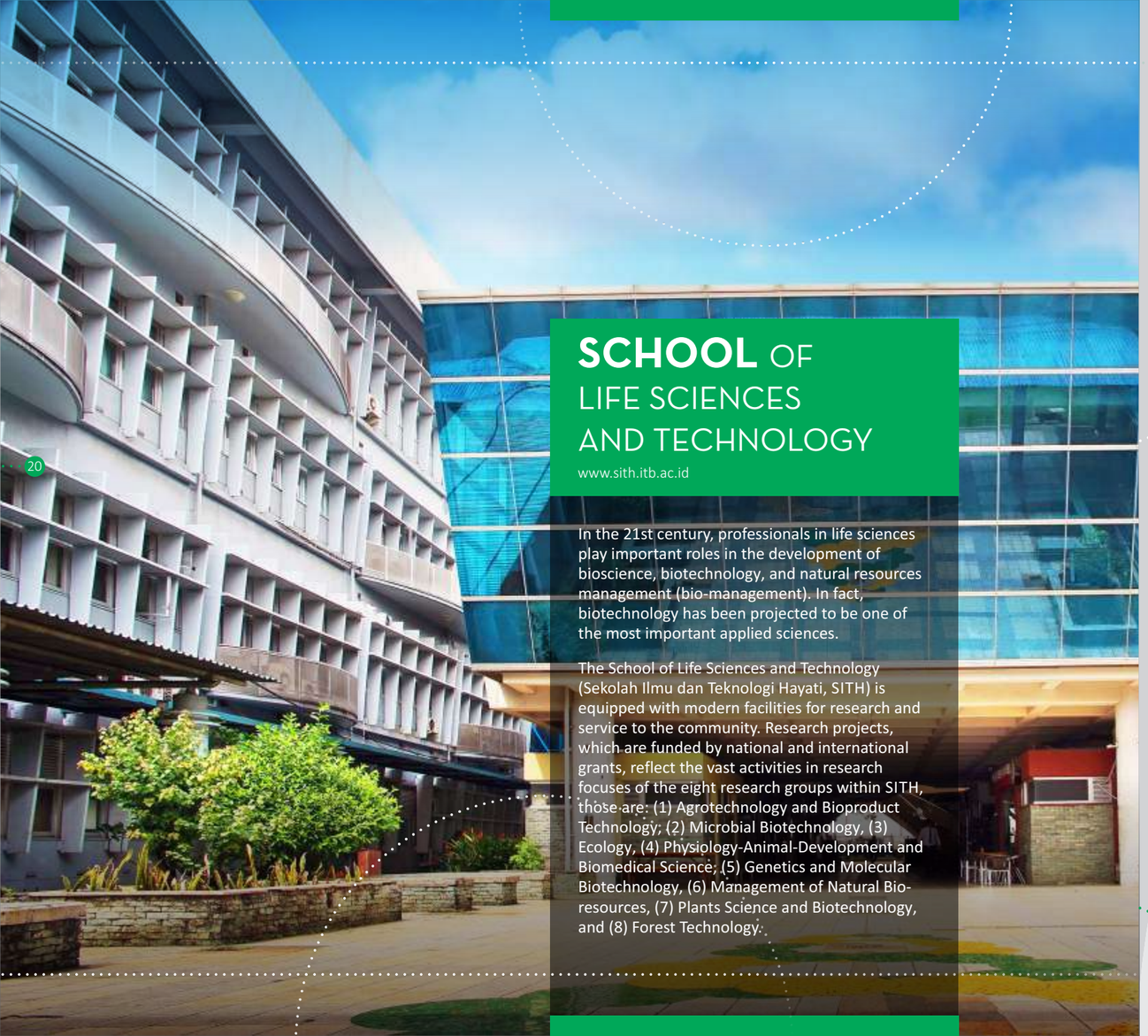

FMIPA

Graduate programs offered by FMIPA are directly linked to researches in the aforementioned sub-divisions. Students are encouraged to get involved in research, to benefit from its lively environment of scientific endeavor. FMIPA offers the following graduate programs:

1. Master and Doctor in Astronomy
2. Master and Doctor in Mathematics
3. Master and Doctor in Chemistry
4. Master and Doctor in Physics
5. Master and Doctor in Nuclear Science and Engineering *
6. Master in Computational Sciences
7. Master in Actuarial Science
8. Master in Mathematics Teaching
9. Master in Chemistry Teaching
10. Master in Physics Teaching

FMIPA caters to the education of professionals by offering graduate programs such as Master's Program in Actuarial Science for those wishing to enter the fast-growing insurance industry and Master's Programs in Mathematics/Chemistry/Physics Teaching, for educators and teachers who wish to improve their knowledge and competence, so as to further their careers

**to start in 2019*



SCHOOL OF LIFE SCIENCES AND TECHNOLOGY

www.sith.itb.ac.id

In the 21st century, professionals in life sciences play important roles in the development of bioscience, biotechnology, and natural resources management (bio-management). In fact, biotechnology has been projected to be one of the most important applied sciences.

The School of Life Sciences and Technology (Sekolah Ilmu dan Teknologi Hayati, SITH) is equipped with modern facilities for research and service to the community. Research projects, which are funded by national and international grants, reflect the vast activities in research focuses of the eight research groups within SITH, those are: (1) Agrotechnology and Bioproduct Technology, (2) Microbial Biotechnology, (3) Ecology, (4) Physiology-Animal-Development and Biomedical Science, (5) Genetics and Molecular Biotechnology, (6) Management of Natural Bio-resources, (7) Plants Science and Biotechnology, and (8) Forest Technology.









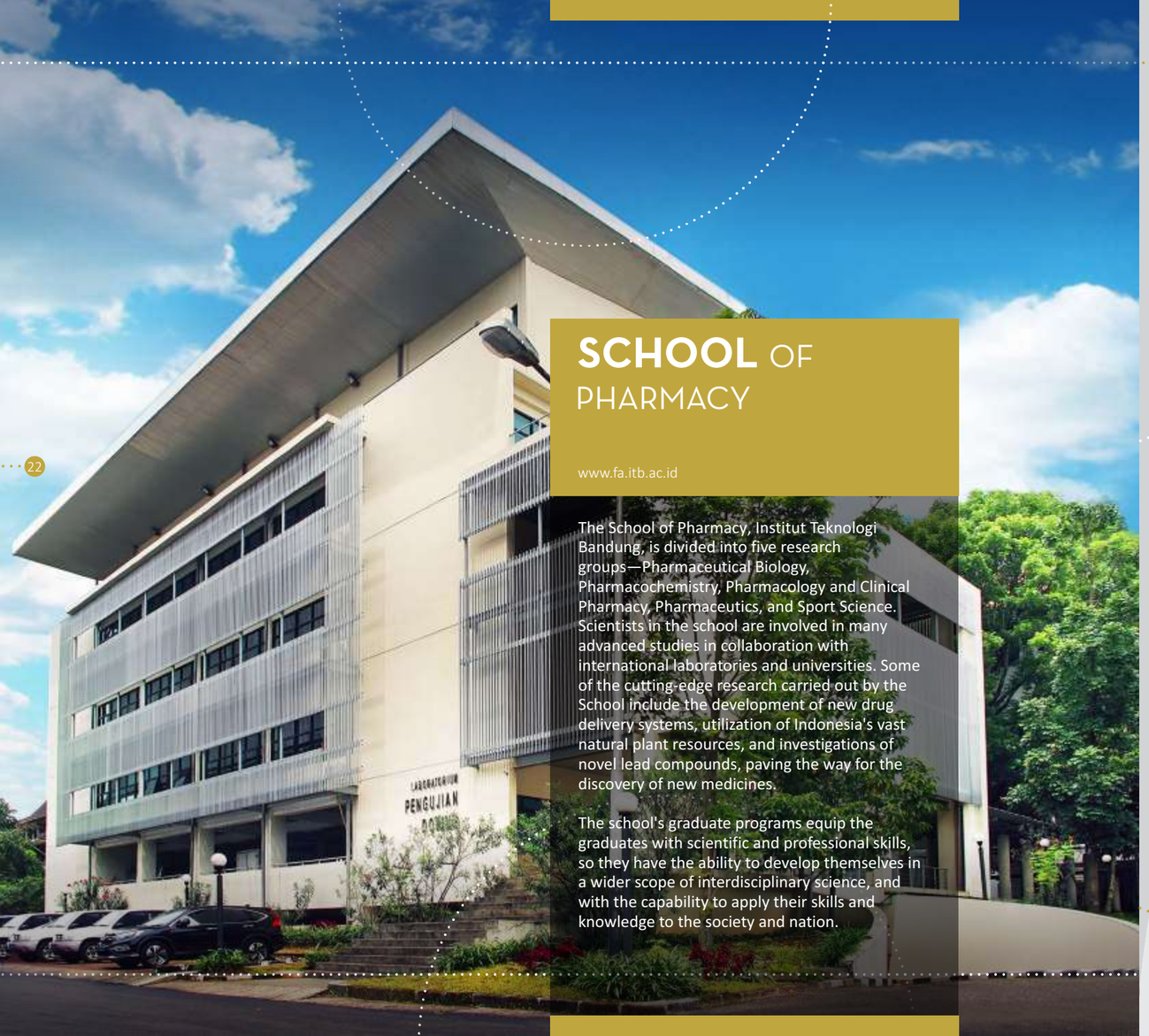




SITH

The school offers the following graduate programs:

1. Master's Program and Doctoral Program in Biology. There are three tracks of research that students may pursue: (1) Cell and Molecular Biology, (2) Organism Biology, (3) Environmental Biology.
2. Master's Program in Biotechnology, emphasizing on developing high value-added bioproducts for application in health, agriculture, environment, and energy.
3. Master's Program in Bio Management. This program was developed to respond to the demand for professionals who are able to use interdisciplinary approaches in seeking solutions to tropical bioresources and environmental management problems, which are often complex and multi-dimensional in nature. The School of Business and Management-ITB supports this program for subjects related to economics, business and management. Applicants having undergraduate degrees from any disciplines are welcomed.



SCHOOL OF PHARMACY

www.fa.itb.ac.id

The School of Pharmacy, Institut Teknologi Bandung, is divided into five research groups—Pharmaceutical Biology, Pharmacochemistry, Pharmacology and Clinical Pharmacy, Pharmaceutics, and Sport Science. Scientists in the school are involved in many advanced studies in collaboration with international laboratories and universities. Some of the cutting-edge research carried out by the School include the development of new drug delivery systems, utilization of Indonesia's vast natural plant resources, and investigations of novel lead compounds, paving the way for the discovery of new medicines.

The school's graduate programs equip the graduates with scientific and professional skills, so they have the ability to develop themselves in a wider scope of interdisciplinary science, and with the capability to apply their skills and knowledge to the society and nation.








SF

The School of Pharmacy offers the following:

1. Master's and Doctoral Programs in Pharmacy, with options in Pharmacochemistry (Chemical Pharmacy, Food Safety Analysis, Medicinal Chemistry), Pharmaceutics (Pharmaceutical Technology, Biopharmacy, Pharmacokinetics, Biotechnological Pharmacy), Natural Product Pharmacy (Pharmacognosy, Phytochemistry, Natural Product Technology, Medicinal Plant Biotechnology), and Pharmacology-Toxicology (Pharmacology, Hospital Pharmacy)
2. Master's Program in Sport Science.
3. Master's Program in Industrial Pharmacy

In the continuation of professional development, the School of Pharmacy offers Profession Pharmacist education, a one-year program beyond undergraduate program in pharmacy.



FACULTY OF MINING AND PETROLEUM ENGINEERING

www.fttm.itb.ac.id

Faculty of Mining and Petroleum Engineering (Fakultas Teknik Perminyakan dan Pertambangan, FTTM-ITB) was founded in 2007. However, its history traces back to 1948 as a program under the Faculty of Engineering. Through a series of reorganizations the current FTTM came into being. Currently FTTM ITB embodies five fields of study, namely *Mining, Petroleum Engineering, Geophysical Engineering, Metallurgy, and Geothermal Engineering.*
In the light of Indonesia's blessed wealth of earth resources, and its unique tectonic features, the presence of FTTM ITB is instrumental as a technology development center for the environmentally sustainable exploration, exploitation and utilization of earth resources

Currently FTTM ITB houses eight research groups: *Earth Resource Exploration, Mining, Petroleum Drilling-Production-Management, Reservoir Engineering, Metallurgical Engineering, Applied and Exploration Geophysics, Global Geophysics, and Exploration and Engineering Seismology.*








FTTM

FTTM offers the following graduate programs:

1. Master's and Doctoral Programs in Petroleum Engineering
2. Master's Program and Doctoral Program in Mining Engineering, with concentration in Mineral & Coal Management and Economics, *Geomechanics.*
3. Master's Program and Doctoral Program in Geophysical Engineering
4. Master's Program in Geothermal Engineering
5. Master's Program in Metallurgical Engineering



FACULTY OF EARTH SCIENCES AND TECHNOLOGY

http://www.fitb.itb.ac.id

The Faculty of Earth Sciences and Technology (Fakultas Ilmu dan Teknologi Kebumian), known as FEST (FITB), was officially established on August 2007. FEST is currently a home to five disciplines, namely *Geological Engineering, Oceanography, Meteorology, Geodetic and Geomatics Engineering, and Groundwater Engineering*. Education at the FEST is designed to produce capable graduates whom are environmentally aware, technology driven, and possessing strong competitive edges, to serve the earth sciences and technology, and related fields. Research carried out in the faculty also takes into account the unique nature of the Indonesian archipelago or maritime continent. One of the research aims is to support and enrich educational curricula and to enhance the quality of FEST graduates.

The FEST is supported by 103 academic staff members with more than 80% holding PhD degree. The academic staffs are grouped into eight research groups, which are *Geology, Applied Geology, Oceanography, Atmospheric Science, Geodesy, Science and Engineering System of Coastal and Ocean, Survey and Cadastral and Remote Sensing and Geographical Information Science*.








FITB

The following graduate programs are offered:

1. Master's and Doctoral Programs in Geological Engineering, with options in General Geology, Petroleum Geology, Engineering Geology and Economic Geology
2. Master's and Doctoral Programs in Earth Sciences, with options in Physical Oceanography and Atmospheric Science
3. Master's in Groundwater Engineering
4. Master's and Doctoral Programs in Geodetic and Geomatics Engineering, with options in Geodesy, Geomatics, Land Administration, Geospatial-based Disaster Risk Management and Maritime Engineering .

FACULTY OF INDUSTRIAL TECHNOLOGY

http://www.fti.itb.ac.id

Faculty of Industrial Technology (Fakultas Teknologi Industri-FTI), Institut Teknologi Bandung was established in 1973. The faculty is a home to four disciplines of engineering, those are: *Chemical Engineering, Engineering Physics, Instrumentation and Control, and Industrial Management.*

The faculty is organized in eight research groups as follows:

(1) Chemical Engineering Process Design and Development, (2) Chemical Engineering Product Design and Development, (3) Energy and Chemical Engineering Processing System, (4) Engineering Physics, (5) Instrumentation and Control, (6) Manufacturing Systems, (7) Industrial Management, (8) Industrial System and Techno-Economics.








FTI

FTI offers the following graduate programs:

1. Master's and Doctor in Chemical Engineering, with specialization in: *Chemical Technology, Process Engineering, Bioprocess Technology, Bioenergy Technology, Chemical Reaction Technology, Electrochemical Process Technology*
2. Master's and Doctor in Engineering Physics, with specialization in *Industrial Automation Process, Building Physics, and Computation and Material Process*
3. Master's in Instrumentation and Control
4. Master's and Doctor in Industrial Engineering and Management, with five specializations: *Manufacturing System, Ergonomics and Performance Engineering, Industrial Management, Enterprise Information System, as well as Industrial Systems and Supply Chain*
5. Master's in Application Oriented Logistics.

FACULTY OF MECHANICAL AND AEROSPACE ENGINEERING

http://www.ftmd.itb.ac.id

The Faculty of Mechanical and Aerospace Engineering (FMAE) or Fakultas Teknik Mesin dan Dirgantara (FTMD), Institut Teknologi Bandung was established in 2008, in a reorganization of ITB. Previously, FMAE was a part of the Faculty of Industrial Engineering (FTI).

Research activities are carried out within seven research groups:: (1) *Mechanical Design, (2) Energy Conversion, (3) Material Engineering and Science, (4) Mechanical Production Engineering, (5) Aircraft Design, Operation, and Maintenance, (6) Lightweight Structures, and (8) Flight Physics.*







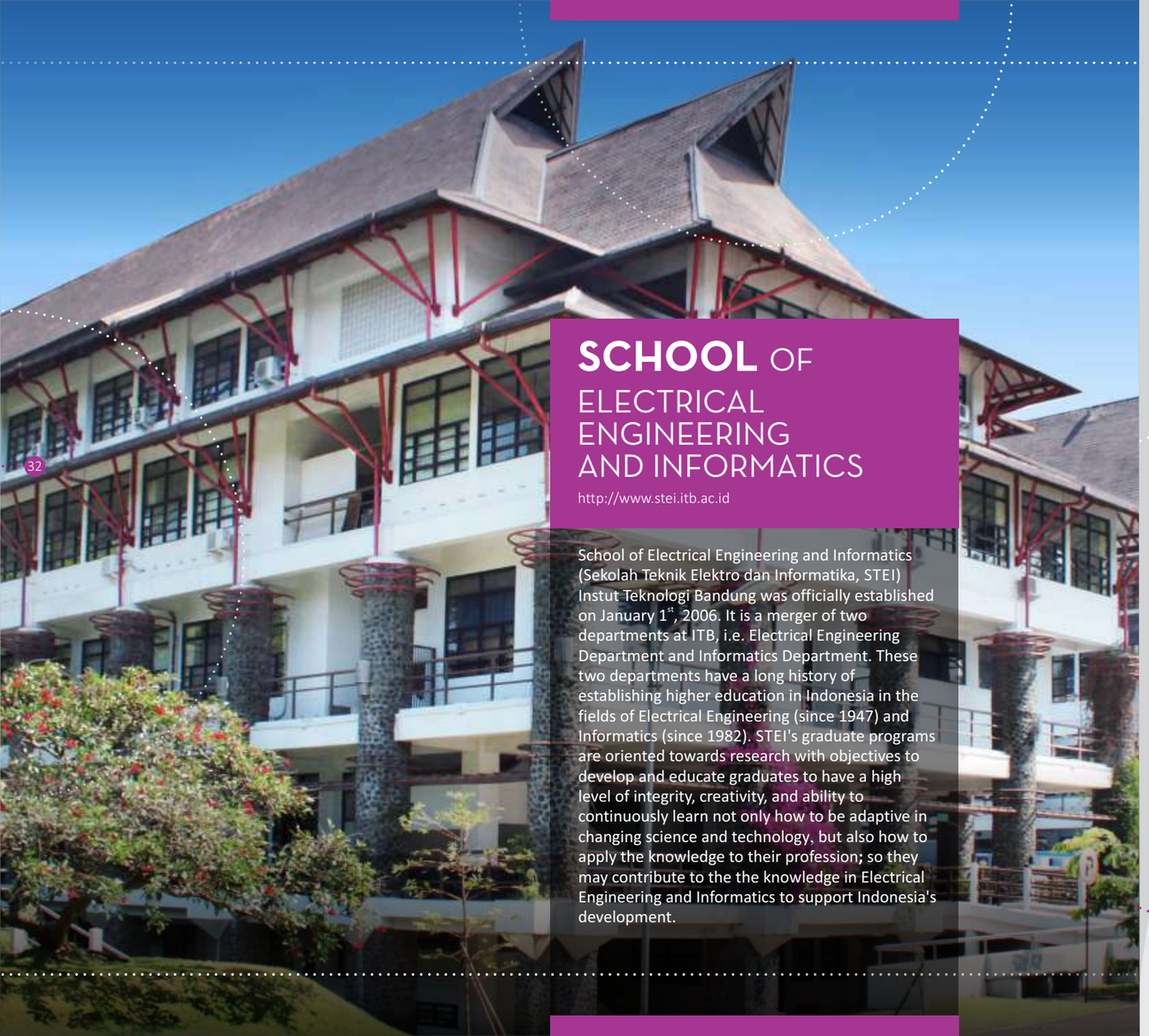

FTMD

FMAE offers the following graduate programs:

1. Master's and Doctoral Program in Mechanical Engineering
2. Master's and Doctoral Program in Aerospace Engineering.
3. Master's and Doctoral Program in Material Science and Technology

Apart from the regular programs, FMAE also offers Double Degree Master's and Doctoral Programs with the following partners:

1. Czech Technical University (CTU) in Prague, Czech Republic
2. University of Twente, The Netherlands
3. Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea
4. Hiroshima University, Japan



SCHOOL OF ELECTRICAL ENGINEERING AND INFORMATICS

http://www.stei.itb.ac.id

School of Electrical Engineering and Informatics (Sekolah Teknik Elektro dan Informatika, STEI) Instut Teknologi Bandung was officially established on January 1st, 2006. It is a merger of two departments at ITB, i.e. Electrical Engineering Department and Informatics Department. These two departments have a long history of establishing higher education in Indonesia in the fields of Electrical Engineering (since 1947) and Informatics (since 1982). STEI's graduate programs are oriented towards research with objectives to develop and educate graduates to have a high level of integrity, creativity, and ability to continuously learn not only how to be adaptive in changing science and technology, but also how to apply the knowledge to their profession; so they may contribute to the the knowledge in Electrical Engineering and Informatics to support Indonesia's development.













STEI

STEI offers the following graduate programs:

1. Master's and Doctoral Programs in Electrical Engineering, with the following concentrations: *Electric Power, Telecommunication, Telematics and Telecommunication Network, Computer Engineering, Electronics, Biomedical Engineering, Control and Smart System Engineering, Digital Media and Game Engineering, Engineering and Management of Information Security, Information Technology Leaderships, and Information Technology Services.*

2. Master's and Doctoral Programs in Informatics, with the following concentration: *Software Engineering, Information Systems, Information Technology, Computer Science, Media Technology and Mobile Devices, High Performance Computing, Intelligent Business, and Software Security Systems*.



FACULTY OF CIVIL AND ENVIRONMENTAL ENGINEERING

http://www.ftsl.itb.ac.id

The Faculty of Civil and Environmental Engineering, Institut Teknologi Bandung (Fakultas Teknik Sipil dan Lingkungan, FTSL-ITB) currently houses three disciplines, namely: *Civil Engineering, Ocean Engineering, and Environmental Engineering*. Academic activities in FTSL-ITB consist of; education, research, and services to the community, to support the development of sustainable infrastructures and building environments as the basic requirement for the economic growth and welfare of the nation.

Academic activities are carried out by FTSL's faculty members, in ten research groups: *(1) Structural Engineering, (2) Geotechnical Engineering, (3) Water Resources Engineering, (4) Transportation Engineering, (5) Construction Engineering & Management, (6) Coastal Engineering, (7) Offshore Engineering, (8) Water & Waste Water Engineering, (9) Air & Waste Management, and (10) Environmental Management Technology.*








FTSL

FTSL runs a number of graduate programs:

1. Master's and Doctorate in Civil Engineering, with specialization in Structural Engineering, Water Resource Engineering, Geotechnical Engineering, Transportation Engineering, Construction Engineering and Management, as well as Infrastructure Engineering and Management
2. Master's and Doctorate in Environmental Engineering, with specialization in environmental protection and management; sustainable development, and sanitation infrastructure
3. Master's in Ocean Engineering Presently, this program offers two specialized fields of subject: Coastal Engineering and Offshore Engineering
4. Professional Master's Program In Water Resources Management
   The program equips students to become expert practitioners and water resources management specialists, mainly in tropical regions
5. Master's in Highway Engineering and Development
6. Master's Program in Water Supply and Sanitation Infrastructure Management.

SCHOOL OF ARCHITECTURE, PLANNING AND POLICY DEVELOPMENT

http://www.sappk.itb.ac.id

SAPPD ITB has extensive links and exchange agreements with a number of leading international universities in Europe, Asia, Australia and United States of America. Along with the previously established Double Degree programs with universities in the Netherland (Groningen, Twente/ITC) and Japan (Ritsumeikan, Keio, Miyazaki, Yamaguchi), starting in 2012 the SAPPD initiated new programs including student exchange, summer camp (international joint design/planning studio), collaborative research, and two year doube-degree program with universities in the United States of America (Florida), Australia (Sydney, Melbourne), and Japan (Hiroshima, Shibaura, Kitakyushu, TIT). To serve the graduate programs as well as to conduct independent and collaborative research, SAPPD is supported by nine research groups as follows: *Urban Plannning and Design, Regional and Rural Planning, Regional and Urban Infrastructure System, Policy Planning and Development Management, Economic System and Modelling, Architectural Design, Building Technology, Housing and Human Settlement, and Architectural History, Theory and Criticism.*













SAPPK

The School of Architecture, Planning and Policy Development, Institut Teknologi Bandung (SAPPD ITB) or *Sekolah Arsitektur, Perencanaan dan Pengembangan Kebijakan* (SAPPK ITB) offers seven main professional disciplines as follows: *Architecture, Urban and Regional Planning, Urban Design, Transportation Planning, Development Studies, Tourism Planning, and Landscape Architecture*. SAPPD offers the following graduate programs:

1. Master's and Doctoral Programs in Architecture
2. Master's and Doctoral Programs in Urban and Regional Planning
3. Master's and Doctoral Programs in Transportation
4. Master's Programs in Urban Design
5. Master's Programs in Development Studies
6. Master's Programs in Tourism Planning
7. Master's Programs in Landscape Architecture



FACULTY OF ART AND DESIGN

http://www.fsrd.itb.ac.id

The Faculty of Art and Design (FSRD) of Institut Teknologi Bandung (ITB) was established in 1984, although precursor studies on visual arts had already been taught since the university's early days in 1947. The faculty is currently a home to three art-related disciplines, namely *Visual Arts, Design, and Socio-technology*. FSRD offers a uniquely enriching experience in a university with a heavy emphasis on science and technology.

Aspiring to stay competitive, we offer many different vibrant research opportunities. Our research areas include the following: *Visual Arts*, *Aesthetics and the Science of Art*, *Traditional Crafts*, *Spatial and Interior Design*, *Industrial Products Design*, *Visual Communication Design, and lastly Multimedia* and *Human Sciences*.








FSRD

The following are graduate programs offered by FSRD:

1. Master's Program in Visual Arts with two academic tracks: i) *studio practice* track culminating in exhibition or performance, and ii) *research practice* track in the areas of aesthetics, theory of art, art history or other related issues in the domain of visual arts
2. Master's Program in Design. This program offers seven fields of design research: (1) *Design and Artefact*, (2) *Design and Material*, (3) *Design and Systems*, (4) *Design and Visual Culture*, (5) *Design and Environment*, (6) *Design and Human Behavior,* and (7) *Design and Information*. At the end of their studies, candidates are expected to produce a project-based or research-based thesis
3. Doctoral Program in Visual Arts and Design. This program requires candidates to be grounded in either studies of visual arts (paintings, printmaking, sculptures, and ceramics) or studies of design (products, visual, communication, interior, and crafts). Furthermore, the university strongly encourages candidates to undertake interdisciplinary studies within the domain of creative research.

SCHOOL OF BUSINESS AND MANAGEMENT

http://www.sbm.itb.ac.id

The School of Business and Management (SBM) of Institut Teknologi Bandung (ITB) is the face of humanity and business studies in ITB. In its relatively short history, SBM ITB has now become one of the most highly respected and popular business schools in Indonesia. Currently, the school is committed to advancing the science of business through education, and research. Research activities focus on business cases and management practices of the leading and successful companies in Indonesia, so to make the development highly relevant to the Indonesian context.








SBM

The following graduate programs are offered:

1. Master in Business Administration. The program is offered in both Ganesha Bandung and Jakarta campusses. Two tracks are offered for this particular program: Entrepreneurial Track (*Entrepreneurship MBA, MBA in Creative and Cultural Entrepreneurship*) and Professional Track (*Young Professional, Executive MBA, Business Leadership Executive MBA, General Management, Global Leadership Executive MBA*-which is a dual degree program between ITB and Finland's prestigious university, the Aalto University
2. Master of Science in Management (MSM), is intended for students with various backgrounds who wish to improve their knowledge and skills in management science through research. Program's length is 18 months
3. Doctor of Science in Management (DSM), is intended for one who wishes to become a scholar and a practitioner with innovative, creative, and independent researcher mindset in the field of management. Competitive scholarships are available for highly qualified students.

RESEARCH CENTERS

http://www.lppm.itb.ac.id

More specific research is carried out in Centers. Those are:

1. Center for Industrial Engineering
2. Center for Mathematical Modeling and Simulations
3. Center for Microelectronics
4. Center for Tourism Planning and Development
5. Center for Environmental Studies
6. Center for Coastal and Marine Development
7. Center for Research on Energy Policy
8. Center for Remote Sensing
9. Center for Instrumentation Technology and Automation
10. Center for Public Policy and Governance
11. Center for Spatial Data Infrastructures
12. Center for Empowerment of Open Source Software
13. Center for Health and Sport Technology
14. Center for Unmanned System Studies
15. Center for Logistics and Supply Chain Studies
16. Center for Water Resources Development
17. Center for Climate Change
18. Center for Rural Areas Empowerment
19. Center for Agrarian Studies
20. Center for Sustainable Transportation Technology Development
21. Center for Defense and Security Technology
22. ITB Halal Center








LPPM

Research Centers in ITB reflect ITB's priority research areas. They house multi and disciplinary studies which defy common boundaries of Faculties and Schools. Those are:

1. Research Center for Hazard and Mitigation
2. Research Center for New and Renewable Energy
3. Research Center for Information and Communication Technology
4. Research Center for Bioscience and Biotechnology
5. Research Center for Infrastructure and Regional Development
6. Research Center for Cultural and Environmental Products
7. Research Center for Nanoscience and Nanotechnology





SUSTAINABLE
MULTI CAMPUS























Recent acquisition and establishment of Jatinangor Campus, to the East of Bandung, has practically tripled the campus area of ITB. A few programs, such as Bioengineering and Forestry, have started their activities in the new campus in the 2013 academic year. We look forwards to livelier activities in the coming years as more programs and research extend their activities to the new campus. In the mean time ITB is comitted to keep and practice sustainable both campus green and sustainable









CAMPUS LIFE


























INSTITUT TEKNOLOGI BANDUNG
1920