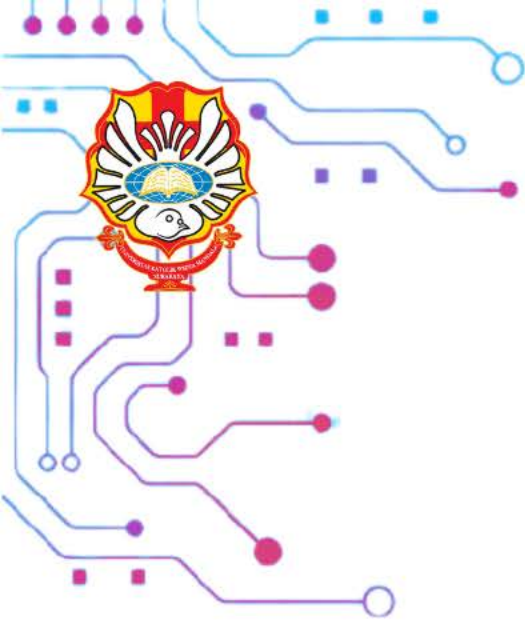
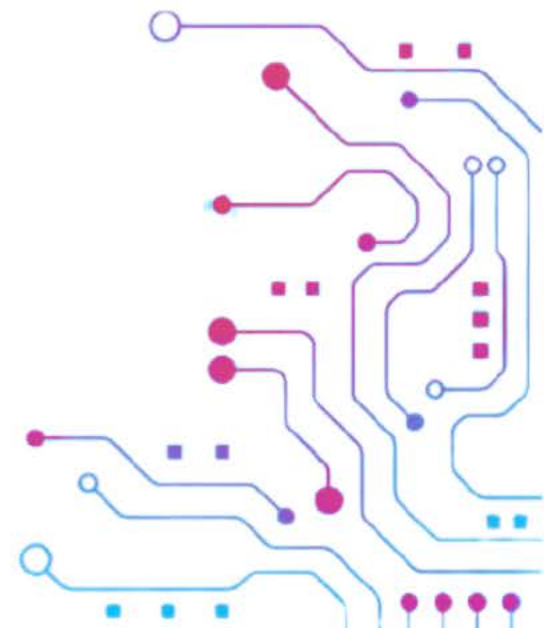




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FAKULTAS
TEKNIK
UNIVERSITAS KATOLIK WIDYA MANDALA



Widya Mandala Surabaya Catholic University

Faculty of Engineering 2026





**Seven departments, and nine programs,
with a wide range of courses. We also host
two leading research centers.**



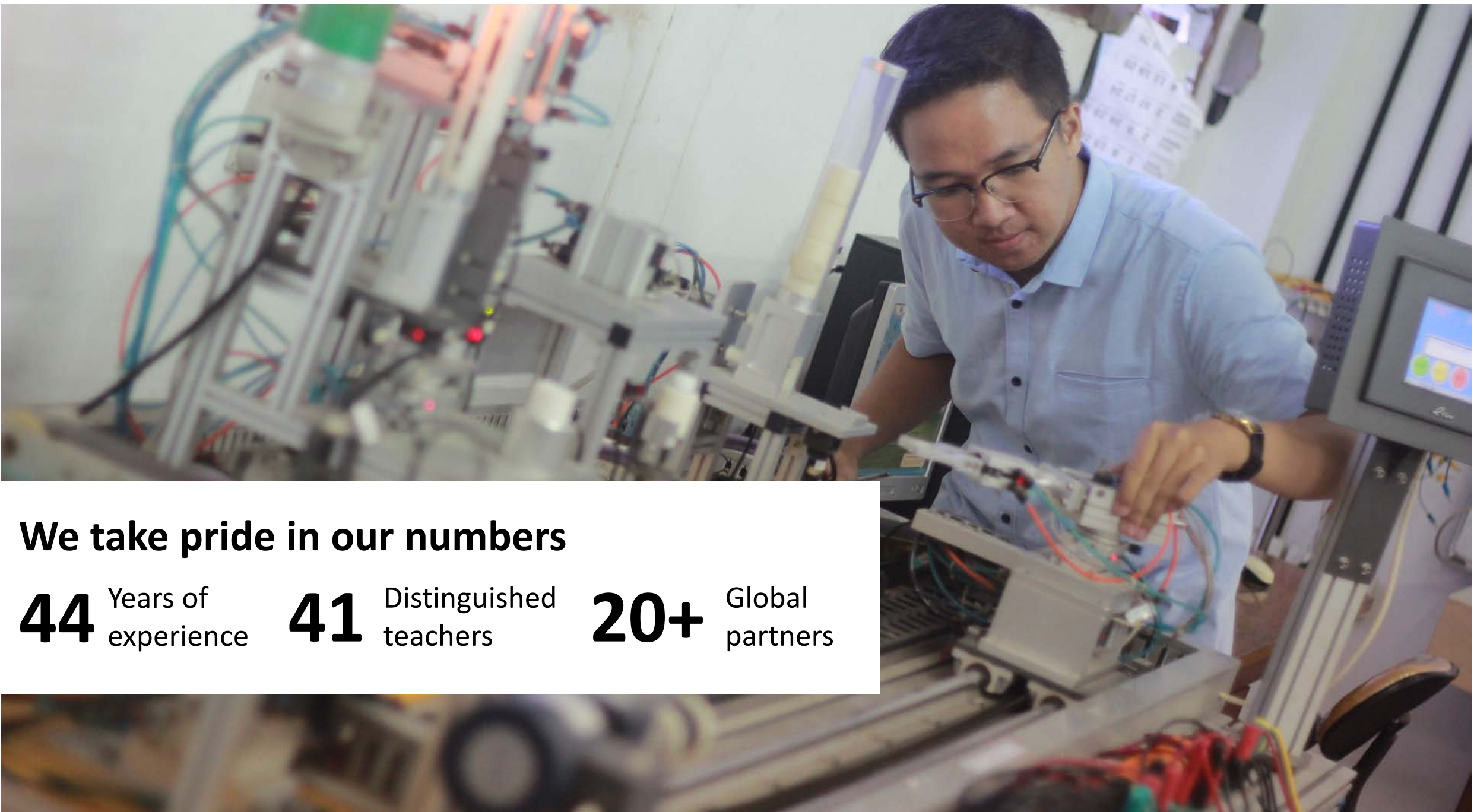
Located in Vibrant Surabaya

- Department of Electrical Engineering
- Department of Chemical Engineering
 - Undergraduate Program
 - Master's Program
- Department of Industrial Engineering
 - Surabaya Campus
 - Madiun Campus
- Department of Informatics
- **Department of Engineer Profession Education**
- **Recognition of Prior Learning Program**
- International Bachelor Program
- Taiwan – Indonesia Science and Technology Innovation Center
- Collaborative Research Center for Zero Waste and Sustainability





**More than 2000 distinguished alumni,
working globally**



We take pride in our numbers

44 Years of
experience

41 Distinguished
teachers

20+ Global
partners



**In the Faculty of Engineering,
we strive to improve our life
and the world surrounding us**





RESEARCH

is a formalized curiosity, poking and prying with purposes



We support the interdisciplinary research that focuses on local resources and community welfare, which aims to solve the challenge of our time

Dive into our discoveries & explorations

- Telecommunication and multimedia
- Artificial intelligence, internet of things, and automations
- Medical technology
- Clean energy
- Environment and sustainability
- Supply chain engineering
- Product design
- Lean manufacturing
- Industrial statistics



2024 Habibie Prize to Felycia Edi Soetaredjo, Professor of Chemical Engineering

Contributing to Indonesia through her research on the use of biomass and clay for water environment remediation, Felycia received the most prestigious science and technology award, the Habibie Prize, in 2024, being the youngest recipient of this prize.

Professor Soetaredjo also obtained several major awards, including the Distinguished Taiwan Alumni Award 2020, Taiwan Tech Outstanding Alumni Award 2019, APTIK Award 2018, Top 100 Asian Scientist 2018, and OWSD-Elsevier Foundation Award in Engineering Sciences 2017.





Top 2% World Scientists to Suryadi Ismadji, Professor of Chemical Engineering

He receives the title of being the top 2% of world scientists 5 years in a row, starting from 2020 – 2024.

Professor Ismadji has also been awarded several major awards, including **the Australian Alumni Award 2010, Bakrie Award 2015, APTIK Award 2015, Habibie Award 2017, National Outstanding Lecturer 2018**, and many more, due to his outstanding performance in research and technology.

“Our research improves our view of the world, solves complex issues in a comprehensible manner, and addresses global challenges in areas such as sustainability in energy, human, health, and environment.”

2025 research ⁱⁿ NUMBERS

Strong at innovation

We rank #1 as Best
Chemical Engineering
Department in Indonesia

by SINTA KEMENDIKBUD



50+ International
Publications

3 Industrial
Research
Grants

31 National
Research
Grants

2+ Billion IDR
Funding

2 International
Research
Grants

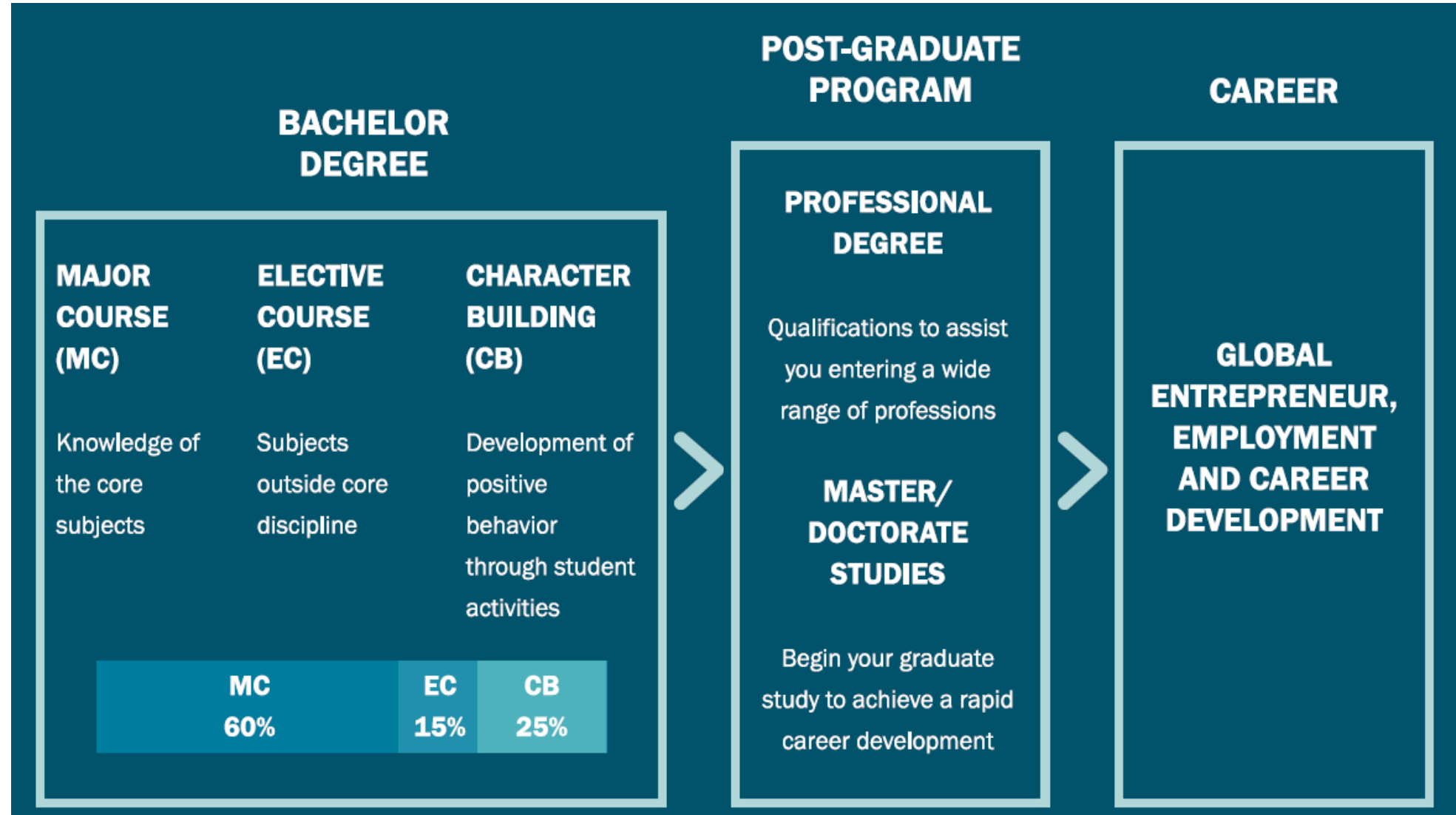
121 Participating
Students



EDUCATION

is one thing no one can take away from you

Our Education System



Our Education



ACADEMIC EXCELLENCE

CREATIVE DESIGNER
CRITICAL THINKERS
DIGNIFIED PROBLEM SOLVER
HIGHLY KNOWLEDGABLE



YOUR EXPERIENCE

Major courses
Elective courses
Character building



VERSATILE GRADUATE

VALUE INTEGRITY
INNOVATIVE THINKER
COMMUNICATIVE & ADAPTABLE
SOCIALLY RESPONSIBLE

Our International Programs



JOINT DEGREE

DUAL STATE EDUCATION COOPERATION
CHEMICAL ENGINEERING

2 years study in
Widya Mandala

+

2 years study in
Partner University
in English



The 4th Best Global Universities for
Chemical Engineering in Taiwan



北京化工大学

BEIJING UNIVERSITY OF CHEMICAL TECHNOLOGY

The 43rd Best Global Universities for
Chemical Engineering in China



with S.T., B.Sc.

The graphic features a blue background with a stylized city skyline at the bottom. The skyline includes various buildings, a graduation cap on a tall tower, and icons of people running and climbing. A large flask with orange liquid is prominent in the foreground. The text is white and yellow, providing information about the joint degree program.

JOINT DEGREE
DUAL STATE EDUCATION COOPERATION
CHEMICAL ENGINEERING

DOUBLE in EVERYTHING!
KNOWLEDGE, EXPERIENCE,
CULTURE, LANGUAGE,
AND MORE BENEFITS!

Study Chemical Engineering
in two universities in two countries.
for more info please contact us.

WIDYA MANDALA
CATHOLIC UNIVERSITY SURABAYA

WIDYA MANDALA
CATHOLIC UNIVERSITY
SURABAYA

TAIWAN
TECH

Scholarships

UKWMS

- Academic Excellence Scholarships
- Non-Academic Excellence Scholarships
- Alumni Scholarships
- OSC Medcom Scholarships

Taiwan Tech / National Taiwan University of Science and Technology

- Taiwan Fertilizer Foundation Scholarships (dedicated to 2+2 Joint Degree students)
- Taiwan Tech International Scholarship Awards (dedicated to 2+2 Joint Degree students ranked in the top 10% of the class)

Beijing University of Chemical Technology

- Academic Excellence Scholarships (dedicated to 2+2 Joint Degree students with GPA >3.0)

Our International Programs



**International Talent
Circulation Base**

INTENSE Program (3 + 1 + internship; 2 + 2 + internship)

- Scholarships offered by Taiwan universities and its partner companies
- Two degrees offered: S.T + B.Sc.



TEEP/IIPP Program (3-6 months internship)

- Scholarships offered by the Taiwan MOE
- 6-month research in our partner universities (NTUST, Providence University)



**New Southbound Policy
Program (6 months internship)**

- Scholarships offered by the Taiwan MOFA
- 6-month immersed study in our partner universities (Taipei Tech, NPUST)

DOUBLE DEGREE PROGRAM

S.T + S.Kom
S.T + M.T



WHY DOUBLE DEGREE?

- ✓ 2 degrees in 2 majors/levels in 5 years
- ✓ Double competences for professional career
- ✓ Widen your career prospectives

OUR PROGRAMS

Bachelor in Engineering

- Electrical Engineering
- Chemical Engineering
- Industrial Engineering



Bachelor in Informatics

- Informatics

Bachelor in Engineering

- Chemical Engineering



Master in Engineering

- Chemical Engineering



We offers wide range of student activities

 in
INDONESIA



 **臺科大** in
TAIWAN TECH TAIWAN 



 **OSAKA INSTITUTE OF TECHNOLOGY** in
JAPAN 



International Joint Activities (IJA)



 **芝浦工業大学** in
SHIBAURA INSTITUTE OF TECHNOLOGY JAPAN 





SOCIAL RESPONSIBILITY

initiatives that imply a greater commitment to society



Inspired by our vision of solidarity with society, we transfer technology and contribute back to the community





COLLABORATION

Our Collaborations

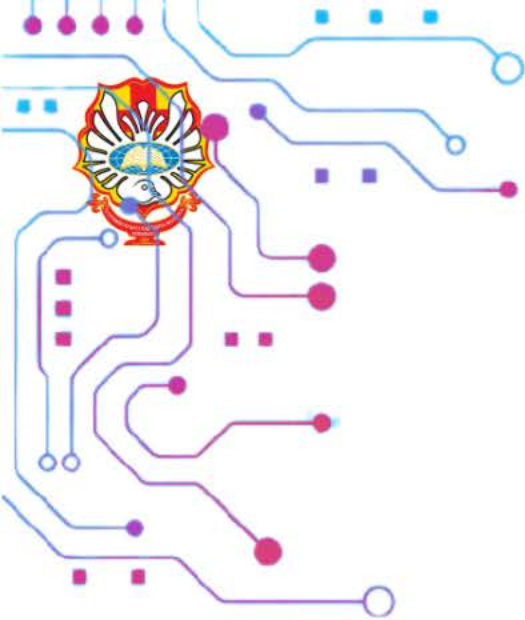
- Close collaboration with the industrial sector
 - a prerequisite for us to be able to conduct education and research
- Collaboration with industry and business to ensure that research benefits all involved parties.
- Focus on internationalization and creating diversity in the recruitment of both students and researchers to create a more creative environment.



Sharing knowledge and research

- We initiate wider engagement to spread knowledge and new research findings to the interested public, students, industry, and decision-makers.
- Public events
 - Seminar Week
 - We Reach Out Program
 - International Joint Activities
 - Open Campus
 - Focus Group Discussion





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