ADVANCING HUMANITY

ITS Institut Teknologi Sepuluh Nopember

Institut Teknologi Sepuluh Nopember

Surabaya, INDONESIA

its.ac.id/international

V.12052023

Institut Teknologi Sepuluh Nopember Surabaya (ITS) is Indonesia's prominent research university in fields of science, technology, marine, design, and business. Established in 1960, ITS has demonstrated significant leap in QS World University Rankings within last 5 years. ITS also shows a profound leadership in Indonesian Eastern Part universities consortium.

OUR LOCATION

Surabaya

- Capital City of East Java
- The second biggest metropolitan, the biggest port city in Indonesia
- The City of Heroes
- The center of economy in Eastern Java and the home of nation's naval base

The philosophy of November 10th

The spirit of heroism, commemorated in Indonesia as the Day of Heroes on November 10th, is the foundation of ITS

Timeline of ITS

1957
Technical University
10 Nopember Surabaya
Mechanical Engineering
Civil Engineering

3 November 1960

1960
Renamed as
Institut Teknologi Sepuluh
Nopember by 1st President of the
Republic of Indonesia

1961
Establishing new faculties:
Civil Engineering
Mechanical Engineering
Chemical Engineering
Electrical Engineering
Marine Engineering

2008
ITS appointed as public service
agency university

2014
ITS appointed as Autonomous
Legal Entity State University

2021
ITS as Autonomous Legal
Entity State University

Vision of Institut Teknologi Sepuluh Nopember

Aiming to become a world-class university contributing to the self-sustaining of the nation and becoming a reference in education, research and community service, as well as the development of innovation, especially those that support the industry and the maritime sector.

2016 2020 2025 2030 2035 2040

ITS as a Research University

"To become a university with an international reputation in science and technology, supporting sustainable industry and marine affairs."

ITS as an Entrepreneurial University

"To become a world-class entrepreneurial university becoming a pillar of the national economic strength, through education, research, community service, innovation, development and the creation of science and technology innovation products."

ITS in Numbers

26,000

students (80% undergraduate)

Number of students accepted in 2022
6000 students (Bachelor)
3200 students (Postgraduate)

1780

International students

Inbound International Students in 2022

1,200

faculty members

1,000

non-academic staffs

7 Faculties

1 School

10 Research Centers

5 Community Study Centers

41 Departments

4 Cluster Innovation Centers (Science Techno Park)

ITS' RANKINGS

QS WORLD UNIVERSITY RANKINGS

2023
- World Rank 701+
- Asia 146
- Indonesia 6

2022
- World Rank 751+
- Asia 160
- Indonesia 6

2021
- World Rank 751+
- Asia 164
- Indonesia 6

THE WORLD UNIVERSITY RANKINGS

2023
- World Rank 1201+
- Indonesia Group 4

2022
- World Rank 1201+
- Indonesia Group 3

2021
- World Rank 1001+
- Asia Pacific 351+
- Indonesia 3

Webometrics RANKING WEB OF UNIVERSITIES

Indonesia

2023
- January 8

2022
- January 7
- July 7

2021
- July 4
- January 4

UI GreenMetric World University Rankings

2022
- World Rank 41
- Indonesia 5

2021
- World Rank 40
- Indonesia 4

2020
- World Rank 61
- Indonesia 5

ITS RANKING IN QS

RANK
#701-750
WORLDWIDE
QS WORLD UNIVERSITY RANKINGS 2023

RANK
#146
ASIA
QS ASIA UNIVERSITY RANKINGS 2023

RANK
#6
INDONESIA
QS WORLD UNIVERSITY RANKINGS 2023

RANK
#301-500
GRADUATE EMPLOYABILITY RANKINGS
QS WORLD UNIVERSITY RANKINGS 2022

RANK
#=383
ENGINEERING & TECHNOLOGY
QS WUR BY SUBJECT 2023 (BROAD)

RANK
#301-350
CHEMICAL ENGINEERING
QS WUR BY SUBJECT 2023 (SPECIFIC)

RANK
#351-400
MECHANICAL, AERONAUTICAL & MANUFACTURING
QS WUR BY SUBJECT 2023 (SPECIFIC)

RANK
#351-400
COMPUTER SCIENCE & INFORMATION SYSTEMS
QS WUR BY SUBJECT 2023 (SPECIFIC)

RANK
#451-500
ELECTRICAL & ELECTRONIC
QS WUR BY SUBJECT 2023 (SPECIFIC)

ITS' RANKINGS IN THE

RANK
#1201+
WORLDWIDE
THE WORLD UNIVERSITY RANKINGS 2023

RANK
#401-500
ASIA
THE ASIA UNIVERSITY RANKINGS 2022

RANK
Group #4
INDONESIA
THE WORLD UNIVERSITY RANKINGS 2023

RANK
#801+
COMPUTER SCIENCE
THE WUR BY SUBJECT 2023

RANK
#1001+
ENGINEERING & TECHNOLOGY
THE WUR BY SUBJECT 2023

RANK
#1001+
PHYSICAL SCIENCES
THE WUR BY SUBJECT 2023

RANK
#801+
BUSINESS & ECONOMICS
THE WUR BY SUBJECT 2023

RANK
#501-600
SOCIAL SCIENCES
THE WUR BY SUBJECT 2023

RANK
#401-500
EMERGING ECONOMIES
THE WORLD UNIVERSITY RANKINGS 2022

ITS ACHIEVEMENTS IN THE IMPACT RANKINGS

ITS' ACHIEVEMENTS

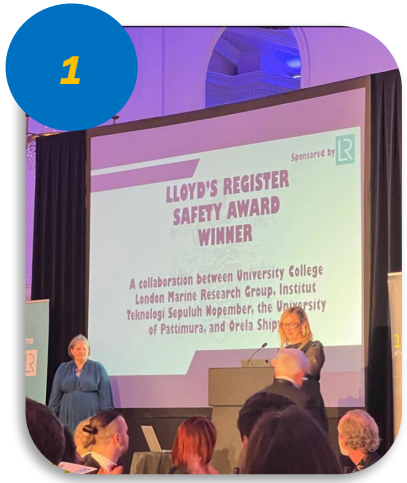
12 Trophies on Indonesia's Higher Education, Research, and Technology Awards 2022

Gold Winner for:

1. Graduate Employability
2. Research and Innovations
3. International Students Study Permit Management and Service

Prof. Mochamad Ashari
Rector of ITS

Faculty Member Achievements



1. Prof. I Ketut Aria Putra Utama of Naval Architecture Department, ITS research collaboration with UCL London, won Lloyd's Register Maritime Safety Awards in April 2023
2. Prof. Riyanarto Sarno, ITS Professor in Computer Science proclaimed as the Top 2% of World Ranking Scientists
3. Prof Ria Asih of Civil Engineering Department is a receiver of prestigious award "Chevalier dans L'Ordre des Palmes Academiques" from French Government
4. Mr. Andi Mappajaya, a lecturer in Architecture Dept won the International Future Place 2022 with his design, "The Pineapples."
5. Dr. Sri Fatmawati – Chemistry Dept ITS as Chair of Organization for Women in Science for the Developing World (OWSD) Indonesia Chapter

ITS Students' International Achievements

1. ITS Robot wins first place in ABU Robocon 2021
2. ITS Sapu Angin Won 4 categories in Shell-Eco Maraton Virtual League 2021
3. ITS Bayucaraka Team has maintained their World Champion in Flying Robot Competition 2022
4. ITS Spectronics team wins gold medal at the Process Engineering and Energy days University of Indonesia, 2022
5. ITS Barunastra Team is crowned as The Grand Champion of International Roboboat 2022 held in USA defeating high-profile teams from MIT, University of Michigan, and Tel Aviv University, Tel Aviv

ITS AS A HUB FOR EASTERN PART OF INDONESIAN UNIVERSITIES (EPI-UNET)

- JOINT RESEARCH/PUBLICATION
- INTERNATIONAL OFFICE
- QUALITY ASSURANCE

CONSORTIUMS

Interweave & IMPAKT (Erasmus Mundus)
ERASMUS+

University Mobility In Asia And The Pacific
(UMAP)

AUN/SEED-Net
(ASEAN University Network/Southeast Asia Engineering Education Development Network)

ASEA-UNINET
(The ASEAN European Academic University Network)

BRAUIC
Belt Road Architectural University International Consortium

ACNET-EngTech
(ASEAN-China Network for Cooperation and Exchanges among Engineering and Technology Universities)

WAEJUC
(Western Australia – East Java Universities Consortium)

AIC
(Australia Indonesia Centre)

JWGEA
(Joint Workshop for Global Engineers in Asia)

SATU
Southeast Asian & Taiwan University Consortium

ASEAN International Mobility For Students (**AIMS**)

GTI
(Global Technology Initiative)

KU+EPI
(Kumamoto University and Eastern Part of Indonesia Universities)

Mevlana
Flagship Project of Turkish Government for Mobility

COMSATS
Commission on Science & Technology for Sustainable Development in the South

ATU-Net
Asia Technological University Network

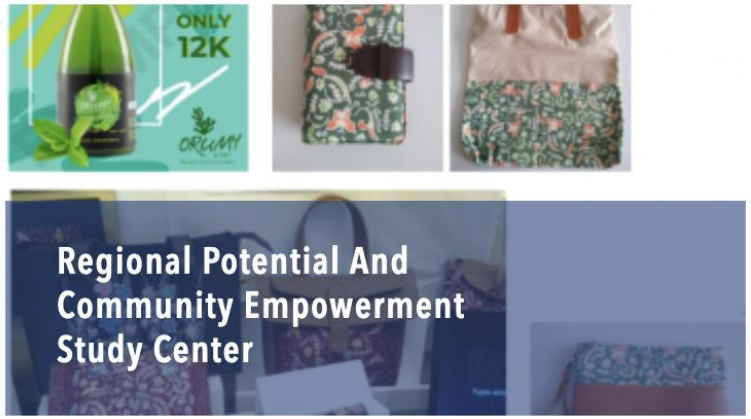
FICEM
French & Indonesia Consortium in Engineering & Manag.

GE4 Network
Global Education: Exchanges for Engineers and Entrepreneurs

ITS RESEARCH CENTERS

- Sustainable Energy Research Center
- Disaster Mitigation and Climate Change Research Center
- Artificial Intelligence and Health Technology Research Center
- Marine and Earth Science and Technology Research Center
- Advanced Materials and Nanotechnology Research Center
- Sustainable Infrastructure and Environment Research Center
- Internet of Things and Defense Technology Research Center
- Fundamental Science Research Center
- Agri-food and Biotechnology Research Center
- Manufacturing, Transportation, and Logistics Research Center

ITS STUDY CENTERS



Regional Potential And Community Empowerment Study Center

Halal Study Center

Sustainable Development Goals Study Center

Appropriate Technology Study Center

PKKP-BI
Pusat Kajian Kebijakan Publik

Business And Industry Public Policy Study Center

ITS TECHNOPARK

ITS Impactful Products

GESITS, electric motorcycle

- ITS started research in 2016
- Current manufacturer: by PT Wika Manufaktur
- Development of GESITS ver.2.0

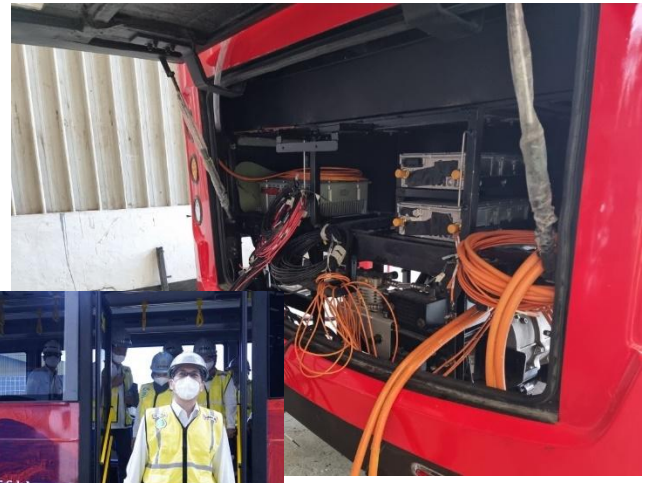
iCAR, intelligent autonomous Car

Robot Medical Assistant
ITS – Airlangga (RAISA)

Other Impactful Products

DigITS Tablet for education in remote areas of Indonesia *(commissioned by Republic of Indonesia Ministry of Education)*

Electric bus *Bus Listrik Merah Putih* (BliMP)



Electric Trail BangkITS for people in remote areas of Papua *(commissioned by Indonesian Ministry of Social Affairs)*

ADVANCING HUMANITY

ITS Institut Teknologi Sepuluh Nopember

Study at ITS

its.ac.id/international

Full Degree

- Undergraduate / Bachelor (S1)
- Joint Degree / Double Degree
- Master (S2)
- Doctoral (S3)

International Undergraduate Program (IUP)

Non-Degree

- Exchange
- Internship
- Short Program

FACULTIES AND DEPARTMENTS

SCIENTICS (FACULTY OF SCIENCE AND DATA ANALYTICS)

- Physics
- Mathematics
- Statistics
- Chemistry
- Biology
- Actuaria

(INDSYS) FACULTY OF INDUSTRIAL TECHNOLOGY & SYSTEMS ENGINEERING

- Mechanical Engineering
- Chemical Engineering
- Engineering Physics
- Systems and Industrial Engineering
- Materials and Metallurgical Engineering
- Food Technology

CIVPLAN (FACULTY OF CIVIL, PLANNING, AND GEO ENGINEERING)

- Civil Engineering
- Architecture
- Environmental Engineering
- Regional and Urban Planning
- Geomatics Engineering
- Geophysics Engineering

MARTECH (FACULTY OF MARINE TECHNOLOGY)

- Naval Architecture and Shipbuilding Engineering
- Marine Engineering
- Ocean Engineering
- Sea Transportation Engineering
- Offshore Engineering

17 Doctoral Programs

25 Masters Programs

17 International Undergraduate Programs

6 Vocational Programs

1 Engineer Professional Program

FACULTIES AND DEPARTMENTS

ELECTICS (FACULTY OF INTELLIGENT ELECTRICAL & INFORMATICS TECHNOLOGY)	CREABIZ (FACULTY OF CREATIVE DESIGN AND DIGITAL BUSINESS)	Vocations (FACULTY OF Vocational Studies)	Faculty of Medicine and Health
• Electrical Engineering • Biomedical Engineering • Computer Engineering • Informatics • Information Systems • Information Technology	• Industrial Product Design • Interior Design • Visual Communication Design • Business Management • Developmental Studies	• Chemical Industrial Engineering • Civil Infrastructure Engineering • Industrial Mechanical Engineering • Electrical Automation Engineering • Business Statistics • Instrumentation Engineering	• Medicine • Medical Technology

17 Doctoral Programs

25 Masters Programs

17 International Undergraduate Programs

6 Vocational Programs

1 Engineer Professional Program

International Undergraduate Program (IUP)

SCIENTICS (FACULTY OF SCIENCE AND DATA ANALYTICS)

- Statistics

(INDSYS) FACULTY OF INDUSTRIAL TECHNOLOGY & SYSTEMS ENGINEERING

- Mechanical Engineering
- Chemical Engineering
- Engineering Physics
- Industrial and System Engineering
- Materials and Metallurgical Engineering

CIVPLAN (FACULTY OF CIVIL, PLANNING, AND GEO ENGINEERING)

- Civil Engineering
- Architecture
- Environmental Engineering
- Geomatics Engineering
- Geophysics Engineering
- Urban and Regional Planning

MARTECH (FACULTY OF MARINE TECHNOLOGY)

- Naval Architecture

ELECTICS (FACULTY OF INTELLIGENT ELECTRICAL & INFORMATICS TECHNOLOGY)

- Electrical Engineering
- Informatics
- Information System

CREABIZ (FACULTY OF CREATIVE DESIGN AND DIGITAL BUSINESS)

- Business Management

Apply now:
https://www.its.ac.id/international/experiencing-its/prospective-student/

Further Information:
Email: admisi@its.ac.id
https://www.its.ac.id/international/experiencing-its/prospective-student/admission/iup/

ADVANCING HUMANITY

ITS Institut Teknologi Sepuluh Nopember

Graduate Program at ITS

its.ac.id/international

ADVANCING HUMANITY

its.ac.id/international

Graduate Program at ITS

SCIENTICS (FACULTY OF SCIENCE AND DATA ANALYTICS)

- Physics
- Biology
- Chemistry
- Mathematics
- Statistics

(INDSYS) FACULTY OF INDUSTRIAL TECHNOLOGY & SYSTEMS ENGINEERING

- Mechanical Engineering
- Chemical Engineering
- Engineering Physics
- Industrial Engineering
- Material Engineering

CIVPLAN (FACULTY OF CIVIL, PLANNING, AND GEO ENGINEERING)

- Civil Engineering
- Architecture
- Environmental Engineering
- Geomatics Engineering

MARTECH (FACULTY OF MARINE TECHNOLOGY)

- Marine Engineering
- Ocean Engineering

ELECTICS (FACULTY OF INTELLIGENT ELECTRICAL & INFORMATICS TECHNOLOGY)

- Electrical Engineering
- Informatics
- Information System

CREABIZ (FACULTY OF CREATIVE DESIGN AND DIGITAL BUSINESS)

- Business Management
- Interior Design

SCHOOL OF INTERDISCIPLINARY AND TECHNOLOGY MANAGEMENT

- Technology Management
- System Innovation and Technology
- Engineer Professional Program

27 Masters Programs, from 7 faculties

1000 graduate students

- **Regular graduate students**
- **Distance-learning graduate students**

ADVANCING HUMANITY

ITS Institut Teknologi Sepuluh Nopember

Non-Degree Program at ITS

its.ac.id/international

Exchange/E-Exchange

Benefit:

- Tuition Fee Waived
- Credit Transfer
- Indonesian Culture Exposure

Semester Period:

Fall Semester Nomination: April-June

Spring Semester Nomination: September-October

Max. Credit: 21 SKS

1 SKS = 36 study hours/semester

1 SKS = 1.7 ECTS

More detail information: https://www.its.ac.id/international/experiencing-its/prospective-student/#admission

Lab Internship Program

Benefit:

- Tuition Fee Waived
- Certificate of Completion
- Indonesian Culture Exposure

Application Deadline :

3 months prior to the proposed starting date

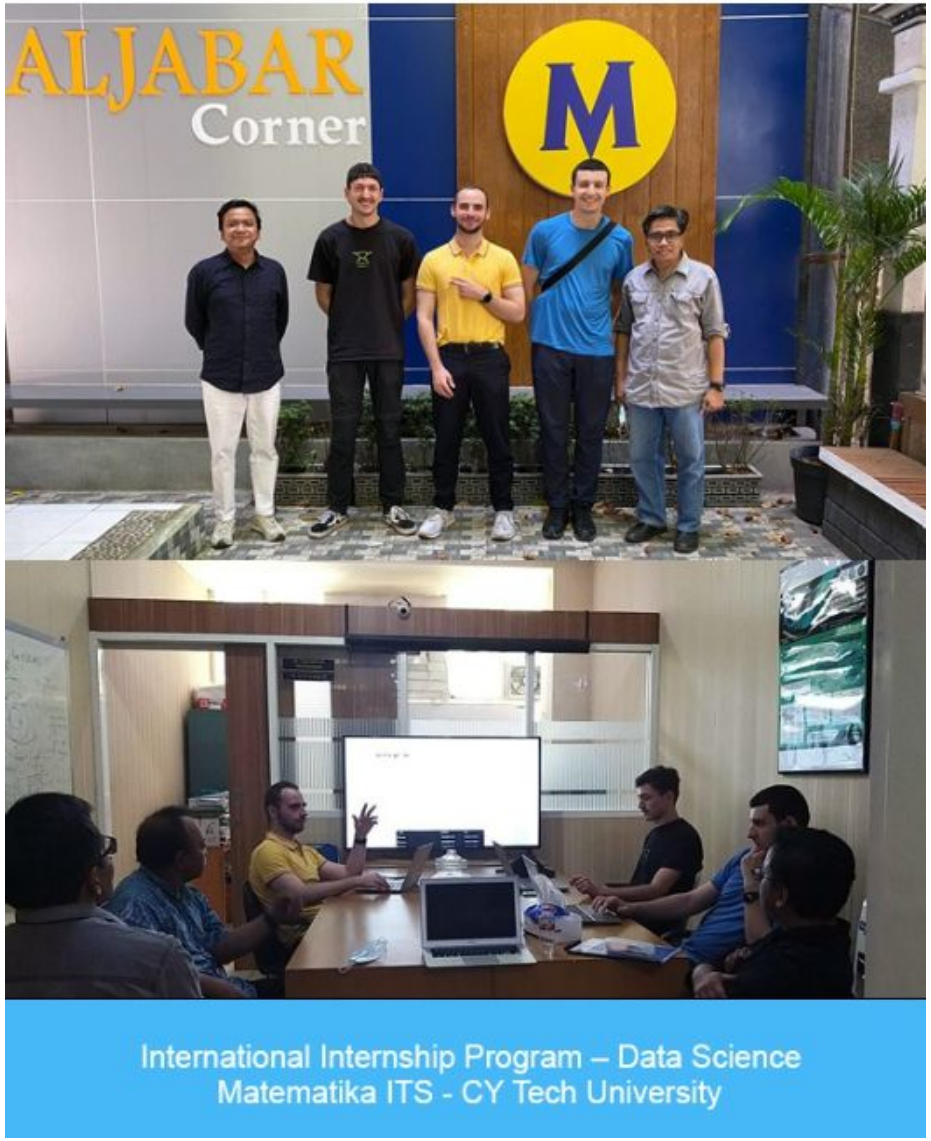
More than **100** Interesting topics for Lab. Based Internship Program

https://www.its.ac.id/international/experiencing-its/prospective-student/admission/internship/

Exchange Spring 2023

Laboratory based Internship

Ms. Laurane, Camille, Griffon,
CESI MONTPELLIER - France



Industrial based Internship

3 - 6 months

Institut Teknologi Sepuluh Nopember (ITS) collaborates with companies in Indonesia to open wide opportunities for international students who are interested to take part in the industrial internship. Students may nominate a topic and several preferred industries to ITS. We will team up the accepted international students with ITS students for industrial assignment. Based on Indonesian immigration regulation, international students are not allowed to get any salary during the industrial based internship program. The duration of industrial based internship is generally from 3 (three) up to 6 (six) months.

The list of host companies for the industrial based on internship program such as:

- PT. Etex Building Performance Indonesia
- PT. Garuda Maintenance Facility Aero Asia Tbk
- PT. Dok dan Perkapalan Surabaya (Persero)
- PT. Dok Bahari Nusantara
- PT. Philips Ralin Electronics

Community based Internship

1 - 6 months

Institut Teknologi Sepuluh Nopember (ITS) collaborates with government institutions, Non-Governmental Organization (NGOs), and many communities in Indonesia to open opportunities for international students who are interested to engage with government institutions or councils, NGOs, and communities around Surabaya in particular topics or projects.

There are several topics you may choose for community-based internship program at ITS:

- Development of Small and Medium Enterprises (SMEs) in Surabaya
- Enhancing the utilization of BLC (Broadband Learning Center) - IT Centers for community at Surabaya
- Technical, economic, and social study of aqua culture project at Indonesian coastal area
- Development of seaweed plantation
- Enhancing green life-style of Indonesian
- Development of blue energy for blue economy
- Teaching in elementary and secondary schools

Activities for International Students

Surabaya City Tour

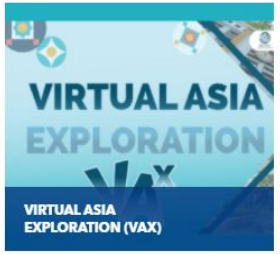
Activities for International Students

Sports Day

Mount Bromo Trip

FLAGSHIP SHORT PROGRAM

CUSTOMIZED SHORT PROGRAM



OFFLINE SHORT PROGRAM

Community and Technological (CommTECH) Camp

- Open for university students, academics, and professionals from all over the world to learn about community and global issues through a variety of insightful but fun activities.
- Offers fascinating courses
- The fees for this program is USD 1,600 (include accommodation, local transportation, tuition fee, workshop materials, seminar kits, scheduled meals, trips, airport pick up & drop off services, and vouchers)

http://bit.ly/CommTECH-ITS

VIRTUAL SHORT PROGRAM

Virtual CommTECH Nusantara

- Open for university students, academics, and professionals from all over the world to learn about Indonesian culture through a variety of insightful but fun activities.
- The fees is free up to 5 slots for ITS Partners
- The fees is 50 USD per person for non-ITS partners

http://bit.ly/CommTECH-ITS

VIRTUAL SHORT PROGRAM

Fun Bahasa Indonesia & Cultural Course

- Open for Public who have interest to learn Bahasa Indonesia
- Offer 4 themes
- Free of charge

https://www.its.ac.id/international/experiencing-its/prospective-student/short-program/learning-bahasa-indonesia/fbicc/

INBOUND LECTURER MOBILITY PROGRAM

Teaching Mobility

- GLP (Global Learning Program) for IUP students
- GLS (Guest Lecture Series) with Departments
- ~4 days, 3 lecture sessions
- Covers: flight ticket*, local accommodation, events

https://www.its.ac.id/international/e-program/glp/

https://www.its.ac.id/international/wcp-like/

Research Mobility

- WCP-Like Inbound Researcher Mobility
- Target outcome: joint manuscript publication
- Proposals submitted by department.

OUTBOUND LECTURER MOBILITY (OLM)

ITS Lecturers available for outbound mobility!

- List of lecturers that are ready for OLM:

https://www.its.ac.id/international/its-goes-global/lecturer/

Research publications and research topics of ITS researchers

- https://scholar.its.ac.id

STAFF MOBILITY

INTERNATIONAL STAFF MOBILITY (ISM) 2023

PROGRAM OVERVIEW

International Staff Mobility (ISM) is a short program created for non-academic staffs from ITS' partner universities and ITS' prospective partner universities. This program aims to provide platform for non-academic staffs to build networking and enhance their skills in pursuing internationalization. ISM provides knowledge about human resources, student affairs, documents and archives management, and many more, as well as Indonesian cultural activities.

ELIGIBILITY

This program is open for any non-academic staffs of ITS' partners/ prospective partners.

WHAT YOU WILL GET

1. Certificate
2. International experience & networking
3. Twin share room at ITS Guest House during the program
   - If you come with Erasmus+ funding, you need to pay your accommodation.
4. Scheduled breakfast and lunch
5. Local transportation (city tour and site visit)
6. Trip to tourist destination

IMPORTANT DATES

Session 1 : 22 – 26 May 2023
Registration Deadline : 14 April 2023

Session 2 : 2 – 6 October 2023
Registration Deadline : 25 Sept 2023

PROGRAM

Please check the program and the schedule from this link:
bit.ly/InternationalStaffMobilityITS

MORE INFORMATION

For more information about the program, please kindly contact:
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ITS International Office