

**ADVANCING
HUMANITY**



The 25th Meeting of
COMSATS COORDINATION COUNCIL
10-12 September 2024, Tianjin, China

Institut Teknologi Sepuluh Nopember

Surabaya, Indonesia

Prof. Nurul Widiastuti
Vice Rector for Academic and Student Affairs

its.ac.id/international



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 been demonstrating significant leap in QS World University Rankings for the last 5 years. ITS also shows a profound leadership in Indonesian Eastern Part universities consortium.



CONSORTIUMS

University Mobility In Asia
And The Pacific (**UMAP**)



**National Secretariat for
Indonesia**

ATU-Net
Asia Technological University
Network



ATU-Net
Asia Technological University Network

Deputy Chair for SIG Mobility

WAEJUC

(Western Australia – East
Java Universities
Consortium)

**Coordinator for Mobility
in EJU**

ACNET-EngTech



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

Interweave & IMPAKT
(Erasmus Mundus)



Erasmus+

ERASMUS+

AIC



The Australia-Indonesia
Centre

(Australia Indonesia Centre)

JWGEA

(Joint Workshop for Global
Engineers in Asia)

BRAUIC



Belt Road Architectural University
International Consortium

AUN/SEED-Net



(ASEAN University Network/Southeast
Asia Engineering Education
Development Network)

GTI

the Global
Technology
Initiative
Consortium

(Global Technology Initiative)

KU+EPI

(Kumamoto University and
Eastern Part of Indonesia
Universities)

Mevlana

Flagship Project of
Turkish Government for
Mobility

SATU

Southeast Asian & Taiwan
University Consortium

ASEA-UNINET



(The ASEAN European
Academic University Network)

FICEM



French & Indonesia
Consortium in
Engineering & Management

GE4 Network



GLOBAL EDUCATION: EXCHANGES
FOR ENGINEERS AND ENTREPRENEURS

Global Education: Exchanges
for Engineers and
Entrepreneurs

COMSATS

Commission on Science &
Technology for Sustainable
Development in the South

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

FAST FACTS ITS

located in the city of **Surabaya**, East Java Province. It has three campuses located in different locations at Surabaya, including **ITS Cokro Aminoto**, **ITS Manyar**, and **ITS Sukolilo**



ITS Sukolilo



ITS Cokro Aminoto



ITS Manyar

8

Faculties

1

School

43

Departments

5

Study Community Centers

10

Research Center

4

Cluster Innovation Centers (Science Techno Park)

585

In world rank (based on QS World University Rankings)

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

Established since

1960



27.000

Students (80% undergraduate)

Number of students accepted in 2023

6500 students (Bachelor)
3200 students (Postgraduate)

1.780

International Students *

1.200

Faculty members

1.000

non-Academic staffs

*number of international students participating in various inbound mobility program in ITS including short program, exchange, internships, and full degree in 2022

ITS' RANKINGS



#585

World Rank 2025

RANK
#128
ASIA

QS ASIA UNIVERSITY RANKINGS 2024

RANK
#6
INDONESIA

QS WORLD UNIVERSITY RANKINGS 2025

RANK
#=378
ENGINEERING & TECHNOLOGY

QS WUR BY SUBJECT 2024 (BROAD)

RANK
#351-400
CHEMICAL ENGINEERING

QS WUR BY SUBJECT 2024 (SPECIFIC)

RANK
#351-400
MECHANICAL, AERONAUTICAL &
MANUFACTURING

QS WUR BY SUBJECT 2024 (SPECIFIC)

RANK
#451-500
COMPUTER SCIENCE &
INFORMATION SYSTEMS

QS WUR BY SUBJECT 2024 (SPECIFIC)

RANK
#351-400
ELECTRICAL & ELECTRONIC

QS WUR BY SUBJECT 2024 (SPECIFIC)

RANK
#586
WORLD

QS WUR SUSTAINABILITY 2024

ITS' RANKINGS



64

World University
Impact Ranking
2021

1

Indonesia
University Impact
Ranking 2021

RANK
#1201+
WORLDWIDE

THE WORLD UNIVERSITY RANKINGS 2024

RANK
#501-600
ASIA

THE ASIA UNIVERSITY RANKINGS 2024

RANK
Group #2
INDONESIA

THE WORLD UNIVERSITY RANKINGS 2024

RANK
#801-1000
COMPUTER SCIENCE

THE WUR BY SUBJECT 2024

RANK
#1001+
ENGINEERING & TECHNOLOGY

THE WUR BY SUBJECT 2024

RANK
#1001+
PHYSICAL SCIENCES

THE WUR BY SUBJECT 2024

RANK
#801+
BUSINESS & ECONOMICS

THE WUR BY SUBJECT 2024

RANK
#601-800
SOCIAL SCIENCES

THE WUR BY SUBJECT 2024

RANK
#201-300
IMPACT RANKINGS

THE IMPACT RANKINGS 2024

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








































































**JOINT
RESEARCH/PUBLICATION**

**INTERNATIONAL
OFFICE**

**QUALITY
ASSURANCE**

FACULTIES AND DEPARTMENTS

SCIENTICS (FACULTY OF SCIENCE AND DATA ANALYTICS)	(INDSYS) FACULTY OF INDUSTRIAL TECHNOLOGY & SYSTEMS ENGINEERING	CIVPLAN (FACULTY OF CIVIL, PLANNING, AND GEO ENGINEERING)	MARTECH (FACULTY OF MARINE TECHNOLOGY)	ELECTICS (FACULTY OF INTELLIGENT ELECTRICAL & INFORMATICS TECHNOLOGY)
<ul style="list-style-type: none"> • Physics    • Mathematics    • Statistics    • Chemistry    • Biology   • Actuarial Science    	<ul style="list-style-type: none"> • Mechanical Engineering    • Chemical Engineering    • Engineering Physics    • Systems and Industrial Engineering    • Materials and Metallurgical Engineering   • Food Technology  	<ul style="list-style-type: none"> • Civil Engineering    • Architecture    • Environmental Engineering    • Regional and Urban Planning   • Geomatics Engineering   • Geophysics Engineering  	<ul style="list-style-type: none"> • Naval Architecture and Shipbuilding Engineering   • Marine Engineering    • Ocean Engineering    • Sea Transportation Engineering   • Offshore Engineering  	<ul style="list-style-type: none"> • Electrical Engineering    • Biomedical Engineering  • Computer Engineering  • Informatics    • Information Systems    • Information Technology 

6 Vocational Programs

27 Masters Programs

17 International Undergraduate Programs

17 Doctoral Programs

1 Engineer Professional Program

 Bachelor Degree  Master Degree  Doctoral Degree

FACULTIES AND DEPARTMENTS

CREABIZ (FACULTY OF CREATIVE DESIGN AND DIGITAL BUSINESS)

- Industrial Product Design ■
- Interior Design ■ ■
- Visual Communication Design ■
- Business Management ■ ■
- Developmental Studies ■

VOCATIONS (FACULTY OF VOCATIONAL STUDIES)

- Chemical Industrial Engineering
- Civil Infrastructure Engineering
- Industrial Mechanical Engineering
- Electrical Automation Engineering
- Business Statistics
- Instrumentation Engineering

MEDICS (FACULTY OF MEDICINE AND HEALTH)

- Medical Technology Program ■
- Academic Stage of Medical Program ■
- Professional Stage of Medical Program ■

SCHOOL OF INTERDISCIPLINARY AND TECHNOLOGY MANAGEMENT

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

■ Bachelor Degree ■ Master Degree ■ Doctoral Degree

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/>

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 Community Empowerment Study Center



Halal Study Center



Sustainable Development Goals Study Center



Appropriate Technology Study Center



Business & Industry Public Policy Study Center

FACULTY MEMBER'S ACHIEVEMENTS

1



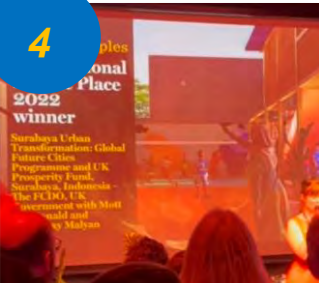
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3



4



5



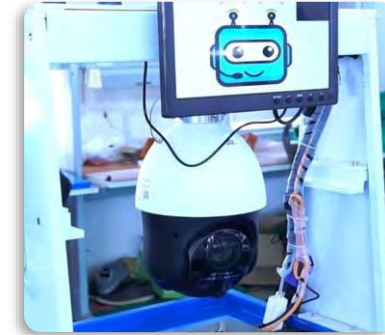
6



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
6. Dr. Fahmi Mubarok as a nominee of Innovation Prize European Patent Office in the European Inventor Award 2022

ITS INNOVATIONS DURING PANDEMICS

1. RAISA: Service Robot for COVID-19 Patients
2. I-Car: Intelligent Autonomous Car
3. I-Boat: Intelligent Autonomous Boat
4. PORTAHOS (Portable Hospital)
5. Disinfection Chamber



ITS TECHNOPARK



5 years Flagship Project: REIDI (Renewable Energy Integration Demonstrator of Indonesia)



NATIONAL SHIP DESIGN & ENGINEERING CENTER



HYDRODYNAMIC LABORATORY



ITS STUDENTS' INTERNATIONAL ACHIEVEMENTS

1. ITS Anargya team received 2 awards and the championship title at FSAE Japan 2023.
2. ITS Arapaima team clinched 3rd place in the Futuristic University Campus Design (FUCAD) competition held at Universiti Teknologi Petronas Malaysia.
3. ITS Spectronics team secured 1st place in the Race competition and 3rd place in the Poster Competition at the Synergicon Southern Asia Region Chem-E-Car Competition in India in 2023.
4. ITS Nawasena Team Won the Champion in the International Ferry Design Competition in the United States, 2023
5. ITS The Sapuangin team achieved first place on-track in the Urban Concept Internal Combustion Engine category at the Shell Eco-Marathon (SEM) Asia Pacific and Middle East event 2023.
6. ITS Barunastra Team Launches the Newest Robo-boat to Conquer the United States, 2023



EXPERIENCING ITS!



A. International Students

B. International Lecturers

C. Non-Academic Staff

D. Global Citizens

A photograph of two students in a laboratory setting. The student on the left is wearing a white lab coat, a black face mask, and blue gloves, holding a petri dish with a red agar medium. The student on the right is also wearing a white lab coat and a black face mask, and is using a pipette to transfer liquid into test tubes. In the foreground, there are two wooden racks holding several test tubes with white caps. The background is a blurred laboratory environment with blue and white panels.

International Students

KNB SCHOLARSHIP – MASTER & DOCTORAL DEGREE

Kemitraan Negara Berkembang Scholarship, widely known as KNB Scholarship, is a financial assistance offered by the Indonesian Government to prospective international students coming from developing countries to pursue their higher education degree in one of Indonesian universities. ITS offers Master's and Doctoral degree under KNB Scholarships.

Study Period

- 1 year of Indonesian language program (merger with 4 months of Preparatory program)
- 24 months (4 Semesters) of Master Program/36 months (6 semesters) of Doctoral Program

Scholarship Coverage

- Living allowance
- Tuition Fee
- Immigration Fee
- Round trip ticket
- Health Insurance
- Research and book allowances
- 1 year Bahasa Indonesia course

More Information:

<https://knb.kemdikbud.go.id>

ENRICHMENT PROGRAM FOR GRADUATE STUDENTS

R2SEP (Researcher and
Research Student Enrichment
Program),
<https://www.its.ac.id/international/e-program/r2sep/>

Academic Writing Center
(AWC) and VELF from AWC

ADVANCING
HUMANITY



Non-Degree Program at ITS

its.ac.id/international

STUDENT EXCHANGE



Semester Study
at Institut Teknologi Sepuluh Nopember

<p>Fall Semester Registration</p> <ul style="list-style-type: none"> ● OPEN until 10 June 2022 ● STUDY PERIOD : August - December 2022 <p>Further Information :</p> <p>https://www.its.ac.id/international/experiencing-its/prospective-student/admission/exchange/</p> <p>Apply now on simad.its.ac.id</p>	<p>Benefit</p> <ul style="list-style-type: none"> ● 1-2 semester study at ITS ● Waived tuition fee (for first semester) ● Student exchange certificate ● Indonesian cultural exposure
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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 = 1.6 ECTS

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

LAB INTERNSHIP PROGRAM



**LABORATORY-BASED
INTERNSHIP PROGRAM**
AT INSTITUT TEKNOLOGI SEPULUH NOPEMBER

1 - 6 MONTHS

Registration Open Throughout the Year
**maximum 3 months* before the proposed starting date

BENEFIT:

- Waived tuition fee
- Internship certificate
- Possibility for sit-in-class with non credits transfer scheme

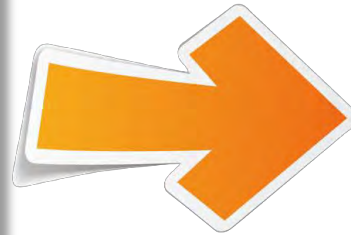
Further informations:
[its.ac.id/international/study-at-its/admission/internship](https://www.its.ac.id/international/study-at-its/admission/internship)
Apply now on simad.its.ac.id

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/>

LAB INTERNSHIP PROGRAM



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



International Internship Program –
Data Science Math ITS – CY Tech
University

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



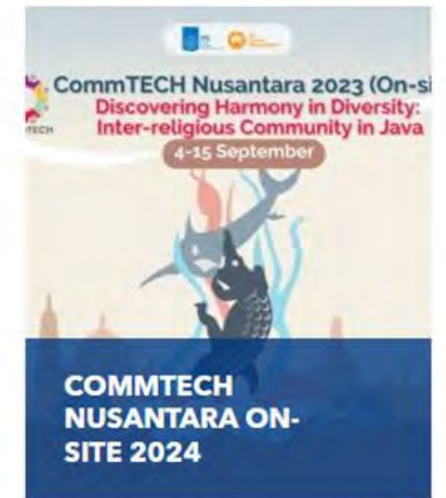
ACTIVITIES FOR INTERNATIONAL STUDENTS



- Surabaya City Tour
- Global Unity Fair
- Orientation Week
- Orphanage Visit
- Cultural Camp
- Sports Day
- See You Soon
- International Student Network
- Campus Tour
- Adventurous Trip : Bromo

CommTECH Programs

FLAGSHIP SHORT PROGRAM

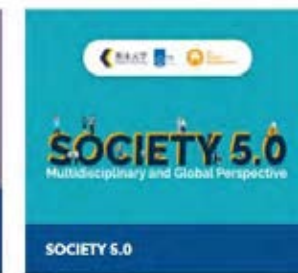


CUSTOMIZED SHORT PROGRAM

Consortium based Programs



University-to-University based Programs



ADVANCING
HUMANITY



International Lecturers



Global Learning Series

Inbound Teaching Mobility

2024

Spring

18 - 21 March*
26 - 31 May*
2 - 7 June*

Fall

21 - 25 Oct*
28 Oct - 1 Nov*
23 - 26 Sep*

*Week Options

Call for Speakers!

Expand Your Academic Portfolio: Join Our Inbound Teaching Mobility Program!

Institut Teknologi Sepuluh Nopember (ITS), a leading university in the field of science and technology in Indonesia, is committed to support quality education by offering opportunities for overseas lecturers to expand their teaching portfolio through several lecture sessions in related ITS Departments.

We are inviting passionate lecturers overseas who have never been a part of any program at ITS before, committed to deliver total of ten (10) hours of guest lectures, eager to share knowledge to diverse academic communities, and willing to create reciprocal collaboration such as inviting ITS lecturers to deliver online guest lectures at their home university.

Join us for a unique opportunity to impact global academic communities and audiences: undergraduate, graduate, and postgraduate students and lecturers at ITS, and possibly even students and teachers from high schools in Surabaya.

Apply now and be a part of our international academic journey!

Tentative Agenda*

- Opening
- Campus Tour
- Meeting with ITS Department
- Guest Lectures
- SDG'S Sharing Sesion
- Gala Dinner
- Trip to Bromo

*This schedule is subject to change

Benefits

- Accommodation (5 days max.)
- Local Transportation
- Lunch
- Certificate and Souvenir
- Trip
- Dinner reception
- International Networking
- Ticket Reimbursement (at cost)

Malaysia & Singapore
max. IDR 6,000,000

ASEAN (excluding Malaysia & Singapore)
max. IDR 8,000,000

Asia (Non-ASEAN) (excluding Japan & Korea)
max. IDR 10,000,000

Japan, Korea, and Australia
max. IDR 12,000,000

Europe, Africa, & Middle East
max. IDR 18,000,000

America & Canada
max. IDR 20,000,000

Register Now! its.id/GLS-2024

Further Information

Ms. Tyas
+62 315 923 411
international@its.ac.id
its.ac.id/international/e-program/gls

Be ready to make an impact, enjoy the experience, and register your interest today!

GLOBAL LEARNING SERIES

Schedule :

Spring :

- 18-21 March 2024
- 26-31 May 2024
- 2-7 June 2024

Fall :

- 23-26 September 2024
- 21-25 October 2024
- 28 October-1 November 2024

Application

<https://its.id/GLS-2024>

International Lecturers Opportunities

Activities	Description	Benefit*
Visiting Professor	ITS welcomes senior academics, researchers and professors from overseas partners who wish to expand collaboration in exchanging expertise, teaching or carrying out research at ITS.	<ul style="list-style-type: none"> • Access to teaching mobility funding offered by various resources
Adjunct Professor	Adjunct professors are defined as professors who are hired on a contractual basis. Adjunct professors at ITS Surabaya may choose one of two types: teaching-based or research/publication-based commitment.	<ul style="list-style-type: none"> • Entitled to use ITS Adjunct Professor in business cards and during official correspondence • Entitled to functional title at ITS, equivalent to the functional title at the home university, by adding "Adjunct" following to the title • Easy and free access to ITS services such as library, working space, e-mail and research facility based on the need. • Financial support for flight ticket, accommodation and per diem during your stay in Surabaya or honorarium for teaching.

KESEMPATAN MENGUNDANG MITRA AKADEMIK KE ITS

Inbound Researcher Mobility (IRM)

SKEMA PENDANAAN

TOP 200

- GRUP A: Rp70.000.000**
Amerika Serikat, Inggris, Kanada
- GRUP B: Rp60.000.000**
Belanda, Denmark, Jerman, Polandia, Prancis
- GRUP C: Rp40.000.000**
Australia, Jepang, Korea Selatan, Tiongkok
- GRUP D: Rp30.000.000**
Malaysia, Singapura

NON TOP 200

- Rp40.000.000**
Negara Non ASEAN
- Rp30.000.000**
Negara ASEAN

Pendanaan akan diberikan melalui transfer alokasi ke pagu Departemen, dan dapat digunakan untuk: 1) Transportasi, 2) Aplikasi visa, 3) Uang harian, 4) Proofreading artikel jurnal

LINIMASA

TOP 200

- 31 JAN 2024**
Batas akhir registrasi [diperpanjang]
- 31 MEI 2024**
Batas akhir kegiatan dan pelaporan

NON TOP 200

- 31 JAN 2024**
Batas akhir registrasi [diperpanjang]
- 30 NOV 2024**
Batas akhir kegiatan dan pelaporan

Registrasi bersifat *first come first served* untuk yang memenuhi syarat (dapat ditutup sewaktu-waktu jika kuota telah terpenuhi)

SYARAT & KETENTUAN

TOP 200

1. Harus berasal dari universitas **Top 200 QS World University Rankings by Subject 2023**
2. Jabatan Akademik minimal Associate Professor
3. H-index Scopus \geq 10 untuk Sains dan Teknologi, atau \geq 8 untuk Sosial Humaniora
4. Memiliki keahlian yang dibutuhkan oleh unit pengusul
5. Mempunyai program kerja yang jelas selama di ITS
6. Lancar berkomunikasi dalam bahasa Inggris secara lisan dan tulisan
7. Melampirkan surat kesanggupan menjadi Inbound Researcher di ITS
8. Melampirkan surat izin dari institusi asal untuk kegiatan ini

NON TOP 200

1. Dosen atau peneliti dengan gelar Doktor dari universitas terakreditasi
2. H-index Scopus $>$ 10 untuk Sains dan Teknologi, atau \geq 8 untuk Sosial Humaniora
3. Diutamakan yang memiliki pengalaman kepemimpinan lab atau editorial jurnal
4. Memiliki keahlian yang dibutuhkan oleh unit pengusul
5. Mempunyai program kerja yang jelas selama di ITS
6. Lancar berkomunikasi dalam bahasa Inggris secara lisan dan tulisan
7. Melampirkan surat izin dari institusi asal untuk kegiatan ini

LUARAN

WAJIB

- Dokumen kerja sama dengan PTUN berbentuk *Implementation Arrangement (IA)**
- Manuskrip *joint publication* di jurnal internasional bereputasi minimal terindeks Scopus Q1/Q2 dengan status *submitted/under review/accepted/published*
- Laporan pelaksanaan kegiatan & penggunaan dana

TAMBAHAN

- *Guest lecture/workshop/joint supervision*

*Berlaku untuk universitas Top 200

REGISTRASI

TOP 200 its.id/RegIRM23

Template dokumen & TOR dapat diunduh di: its.id/DocsIRM2023

NON TOP 200 its.id/ITSVisitingProf2024

Template dokumen & TOR dapat diunduh di: its.id/IRMdocs

NARAHUBUNG

- ☎ 0821-3434-2298 (Dio)
- ☎ 0818-0303-2332 (Tyas)

INBOUND RESEARCHER MOBILITY

for Top 200 & Non-Top 200*

*based on QS WUR by Subject 2023

International Lecturers Opportunities

Activities	Description	Benefit*
<p>Inbound Researcher Mobility (IRM)</p>	<p>Inbound Research Mobility (IRM) provides funding for overseas professors from Top 100 QS Rank by Subject to come to ITS Surabaya, Indonesia to conduct research and produce manuscript for international journal. The interested professor must contact an ITS faculty to apply for this funding.</p> <p>Outcomes of the program: Mandatory outcome: a manuscript of a joint publication to an international journal (Q1/Q2), Implementation of Arrangement (IA) document, official report.</p> <p>Non-mandatory outcomes: teaching activities, joint supervision, partnership agreement, etc.</p>	<p>ITS offers financial that may be used for return ticket, accommodation, health insurance, living expenses, or publication fee.</p>

**terms & conditions apply*

ADVANCING
HUMANITY



Staff Mobility

STAFF MOBILITY



INTERNATIONAL STAFF MOBILITY (ISM) 2024

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.

IMPORTANT DATES

Session 1: 29 April - 03 May 2024
Registration Deadline: 22 March 2024

Session 2: 7 - 11 October 2024
Registration Deadline: 30 August 2024

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
- Local transportation (city tour and site visit) Trip to tourist destination

ELIGIBILITY

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

PROGRAM

Please check the program and the schedule from this link:

bit.ly/InternationalStaffMobilityITS

FOR MORE INFORMATION

For more information about the program, please kindly contact: Mr. Wahyu Islami staffmobility@its.ac.id

its.ac.id/international

INTERNATIONAL STAFF MOBILITY

- Open for any non-academic staffs of ITS partners/prospective partners.
- Session 1: 29 April-03 May 2024 | Registration deadline : 22 March 2024
- Session 2: 7-11 October 2024 | Registration deadline : 30 August 2024

Application

[Bit.ly/InternationalStaffMobilityITS](https://bit.ly/InternationalStaffMobilityITS)

ADVANCING
HUMANITY



Global Citizens

VIRTUAL SHORT PROGRAM

ADVANCING HUMANITY ITS **ITS Global Engagement**

FBICC 2024

FUN BAHASA INDONESIA AND CULTURAL COURSE

FREE!
Open for Non-Indonesian Nationality

BATCH 1: February - March
BATCH 2: May - June
BATCH 3: July - August
BATCH 4: September - October
BATCH 5: November - December

Featuring 4 themes to choose!
General Purposes | Business | Traveling | University Life

Fun Bahasa Indonesia and Cultural Course (FBICC) is a platform for global citizens who are keen on learning Indonesian language and culture. The flagship program presented by Institut Teknologi Sepuluh Nopember (ITS) Surabaya has invited more than 3054 participants from over 101 countries to experience the rich culture of Indonesia through the program. Pick your theme and join this diverse community!

What You Will Learn

- Basic Indonesian Language
- Practical Conversation
- Vocabularies for Survival
- Thematic Materials
- Indonesian history
- Cultural workshops
- Cultural exchange
- Virtual city tour

Benefits

- Knowledge & Experience
- Networking
- Certificate of Participation

Choose Your Theme!

Theme	General Purposes	Business Travelling University Life
	- Mon. & Wed. (A) - Tues. & Fri. (B) - Mon. & Wed. (C)	- Wed. & Fri. - Tues. & Thurs. - Mon. & Wed.

Time 08.00, 14.30 & 18.00 (GMT+7)

- You can only pick one theme/class
- Schedules are in Indonesian time zone (GMT+7). Please adjust to your own local time
- Customized day and time can be requested for particular country with more than 20 participants

Application Timeline

	BATCH 1	BATCH 2	BATCH 3	BATCH 4	BATCH 5
Registration Deadline	1 Feb.	28 Apr.	1 July.	2 Sept.	28 Oct.
Announcement	5 Feb.	30 Apr.	3 July.	4 Sept.	30 Oct.
Program Opening	7 Feb.	2 May.	5 July.	6 Sept.	1 Nov.

Register Now!!
https://its.id/fbicc_2024

Required documents:

- Copy of Passport/Citizen ID/Student ID (color)
- Formal Photo (color)

Further Information: <https://its.id/fbicc>
Phone: +62-31-5923411
Email: itsfbicc@gmail.com (Subject: Registration 2024)

Testimonials:

Ana Mestek (Slovenia)
FBICC program is exactly the push I need to start learning and using my Indonesian actively. The course is well structured and the teachers made everybody feel included. They were also challenging enough to motivate me to study on my own, and after each session I saw real progress in my everyday language use.

Reem M. H. Arada (Palestine)
FBICC course exceeded my expectations. I learned a lot of Indonesian culture, such as dance and batik, in addition to language skill such as reading and speaking. I would like to invite all students to study Indonesian regularly, you will find that Bahasa Indonesia is not difficult to learn.

Registration & Contact:
@itsinternationaloffice | ITS International Office | /ioits | @its_io | its.ac.id/international

Fun Bahasa Indonesia & Cultural Course

- Open for Public who have interest to learn Bahasa Indonesia
- Offer 4 themes
- Free of charge
- Application deadline : 31 August 2024
- Start on 6 September 2024

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

DARMASISWA PROGRAM



Is a one-year non-degree scholarship program offered by the Indonesian government to all non-Indonesian for 10 months.

Coverage

- Monthly living allowance
- Accommodation and Transportation

Qualification

- Foreign nationals
- Completed secondary education or its equivalent
- Minimum age 18 years old and not older than 27 years of age.
- Able to communicate in English

<https://darmasiswa.kemdikbud.go.id/>

Collaboration Opportunities under COMSATS

1. Matching Fund for Research Grants

- Objective: Support joint research projects with complementary funding (published together).
- Implementation: Partner institutions contribute to research funds, enabling larger and more impactful studies.

2. KNB nad ITS Scholarship Opportunities

- Objective: Provide scholarships for students pursuing advanced studies at ITS.
- Implementation: Scholarships cover tuition and living expenses, facilitating academic and cultural exchange.

3. **Inbound/Outbound Mobility Programs**

- Objective: Enhance educational experiences through student and faculty exchanges.
- Implementation: Develop exchange programs, joint workshops, internship and collaborative projects to foster international collaboration.

4. **Real Collaboration Implementation**

- Objective: Translate collaborative agreements into actionable initiatives (open new collaboration).

Implementation:

- Best Practices: Successful past collaborations between ITS and ICCBS.
- Action Plans: Develop clear action plans and timelines for new initiatives.

RESEACH AND INNOVATION IN ITS



Carbody Light Rail Transit (LRT)



CUSTOM DESIGN

Varian Mask of Car, Fitur & Spesifikasi sesuai kearifan lokal



LOCAL CONTENT

Riset, Teknologi, Desain, Engineering, Produksi & Assemby dalam negeri



COST LEADERSHIP

DQCD (Design, Quality, Cost & Delivery)



NATIONAL ROLLING STOCK INDUSTRY

Diproduksi oleh PT. INKA Madiun, Industri Kereta Api Terbesar di Asia Tenggara



NATIONAL BRANDING

LRT Sebagai moda Transportasi Perkotaan modern di Indonesia



STATE OF THE ART TECHNOLOGY

Riset Inovasi, Teknologi Rancang Bangun, Prototyping, Testing, Produksi, Sertifikasi, Operasional & Maintenance

Commercialization of Sleeper Seat



Sleeper Seat Generasi 1 telah diproduksi & digunakan di KA Argo Bromo rute Jakarta - Surabaya

1. Telah diproduksi oleh PT.Rekaindo anak perusahaan PT. INKA Madiun dan dioperasikan oleh PT. KAI pada KA Argobromo Anggrek Jakarta- Surabaya Kelas Luxury, 18 seat/car sebanyak(4 car) 72 seat
2. Telah dioperasikan oleh PT. KAI pada KA Taksaka Jakarta- Jogjakarta Kelas Luxury, 18 seat/car sebanyak(4 car) 72 seat
3. Rencana berikutnya Akan digunakan pada seluruh KA Eksekutif kelas Luxury di Indonesia
 - Kursi Penumpang tidur untuk Kelas Priority
 - Sudut rebah 170°
 - Entertainment system (music, movie), reading light
 - Meja lipat, cup holder, shelves
 - Personal Locker, Charging Station
 - Genuine leather seat cushion
 - Privacy & vintage design
 - Kapasitas 18 Sleeper Seat/ Car
 - Patent Kursi KA No. P00200700039,

Exterior and interior design of train



160
Km/h

Fast & Safe



Efficient & Eco Friendly



Modern Transportation



Market & Vehicle Variety Broaden

The Development of Hi Speed Train will upscale travel market to premium transportation class



Economic Growth Enhancement

Trace Regional Development of hi Speed Train will Enhance regional Economic Growth along with the economic development of the cities in train route



Better Safety Level

World Hi Speed Train has low accident rate level



Time Travel Efficiency

Time Efficiency gained by Speed Feature



Eco Friendly

Hi Speed Train has most Efficient energy usage

Automotive Innovation Cluster

- Performance Testing Equipments for Motorcycles and Vehicles
- Composite Fabrication
- 3D Scanner and 3D Photogrammetry
- Product Prototyping
- Engineering Design and Reverse Engineering
- Controller Development Suites and Prototyping
- BLDC Motor Design, Prototyping, and Testing
- Electric Motorcycle Assembly Line



R&D Facilities

- Performance Testing Equipment for Motorcycle and Vehicle
- Composite Fabrication
- 3D Scanner and 3D Photogrammetry
- Product Prototyping
- Engineering Design and Reverse Engineering
- Controller Development Suites and Prototyping
- BLDC Motor Design, Prototyping, and Testing
- Electric Motorcycle Assembly Line



3D Printer
Tractus T3000



3D Scanner



CNC Mill
Haas VF-3



CNC Lathe
Haas ST-10



CNC PCB Assembly
Mancorp MC400



PCB Oven
Mancorp MC301



CNC PCB Soldering
Mancorp Ultima TRZ



Waterproof test chamber
Yuanyao-tech



Dustproof test chamber
Yuanyao-tech



2 Wheel Chassis Dynamometer
SuperFlow Powersport SF250A



Hub Dynamometer
Dynapack



Core Lose Tester
Lexeco



Electric Motor Dynamometer
Dynamite



9 EV Bus For G20 Summit 2022

ITS - Gapura Maritime Innovation Center & Teaching Industry

23 Mei 2023, 17:05

Resmikan Gedung, ITS - PT Gapura Kolaborasi Tingkatkan Hilirisasi Kemaritiman Indonesia

Oleh : [indahts](#) | [236](#) | [Source : its.ac.id](#)



Rector ITS Prof Dr Ir Mochamad Ashari MEng saat memberikan sambutan peresmian Gedung STP ITS - Gapura Maritime Innovation Center & Teaching Factory



Manajer STP Maritim ITS Ir Tri Achmadi (kanan) menjelaskan karya riset kolaborasi ITS kepada (dari kiri) Plt Bupati Bangkalan Drs Mohni MM, Direktur Utama PT Gapura Thomas Rhemus Prawiro, Rector ITS Prof Dr Ir Mochamad Ashari MEng di sela-sela acara peresmian Gedung STP ITS - Gapura Maritime Innovation Center & Teaching Factory

ITS Tekno Sains and Partners Teaching Factory AMDK HE20



(dari kiri) Wali Kota Surabaya Eri Cahyadi dan Rektor ITS Prof Dr Ir Mochamad Ashari MEng menandatangani prasasti Teaching Factory AMDK HE20



(dari kiri) Rektor ITS Prof Dr Ir Mochamad Ashari MEng dan Wali Kota Surabaya Eri Cahyadi beserta istri mencoba langsung meminum air HE20



Sebagian proses produksi AMDK HE20 di dalam pabrik yang berada di Rumah Pompa PDAM Putat Gede 3 Surabaya

ITS Tekno Sains and partners Surgical Instruments Teaching Industry

Inovasi Kesehatan Lokal: ITS dan Bina Makmur Abadi Meluncurkan 7 Alat Kesehatan Terbaru



PEMERINTAH REPUBLIK INDONESIA

PERIZINAN BERUSAHA UNTUK MENUNJANG KEGIATAN USAHA
LAMPIRAN
IZIN EDAR ALAT KESEHATAN DALAM NEGERI
PB-UMKU : 912020112042800020004

Lampiran berikut memuat data teknis Izin Edar Alat Kesehatan Dalam Negeri, sebagai berikut:

KEMENKES RI AKD 11103320534

Nama Dagang / Merek	: HARRY Obstetric-Gynecology Manual Surgical Instruments
Kelompok / Kelas Resiko	: Non Elektromedik Non Steril / A
Kategori Produk	: Peralatan Obstetrik dan Ginekologi
Sub Kategori	: Peralatan Obstetrik dan Ginekologi Bedah
Jenis Produk	: Obstetric-gynecologic general manual instrument.
Tipe / Ukuran	: Terlampir
Kemasan	: Kantong Plastik
Nama Produsen / Pabrikasi	: PT. TEKNO SAINS MEDIKA, Jawa Timur
Atas dasar lisensi dari	: -
Ketentuan	: -

1. Persetujuan izin edar berlaku sampai dengan 14 Juli 2024.
2. Wajib menyampaikan laporan berkala dan laporan jika ada kejadian yang tidak diinginkan akibat penggunaan Alat Kesehatan tersebut di atas sesuai ketentuan berlaku.
3. Produsen hanya boleh menyalurkan produknya melalui Periyalar Alat Kesehatan (PAK).
4. Apabila dikemudian hari ada pihak lain yang berhak atas merek dan/atau keagenan produk tersebut, pendaftar bersedia mengembalikan izin edar.
5. Penandaan dan informasi produk yang terlampir merupakan bagian yang tidak terpisahkan dari persetujuan izin edar ini.

Extraction Bitumen Teaching Industry



ITS & Panasonic Collaboration: LED Bulb Production Line Automation



20 | 01

20
23

NEWS NEWS

ITS Gandeng Panasonic Luncurkan LED Bulb Bangga Buatan Indonesia

Selengkapnya di its.ac.id/news



❑ Intelligent BOAT (i-BOAT)



AUTONOMOUS BATHYMETRIC SURVEY VEHICLE

2023 - 2024



MISSION:

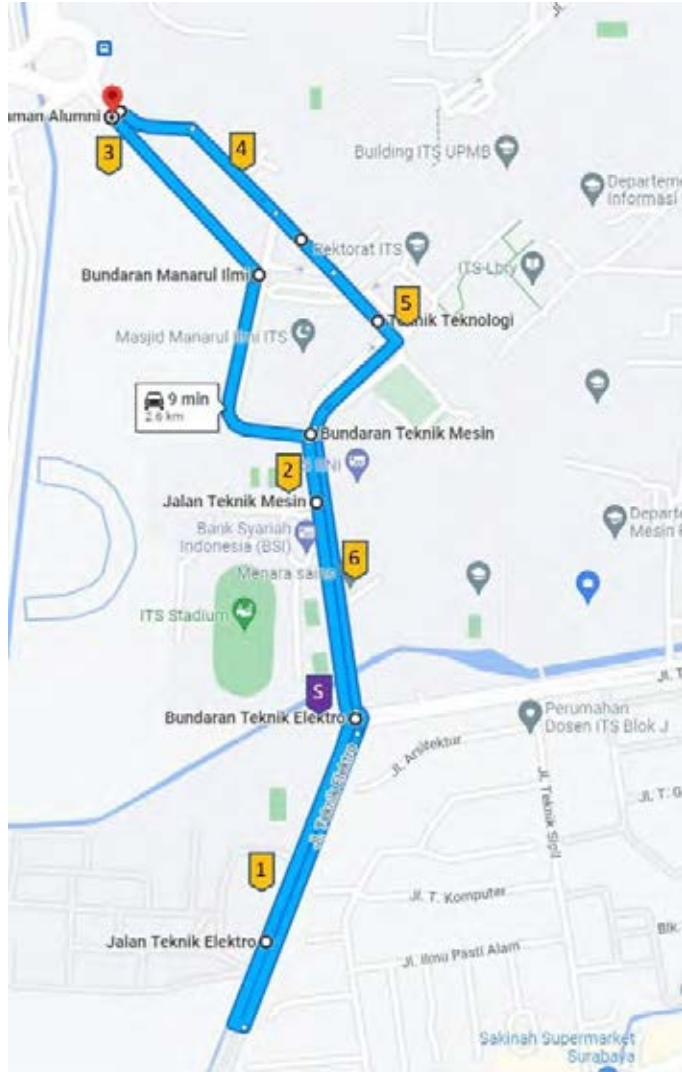
1. RESCUE MODE:

Autonomous rescue for overboard persons.

2. CARGO TRANSPORT:

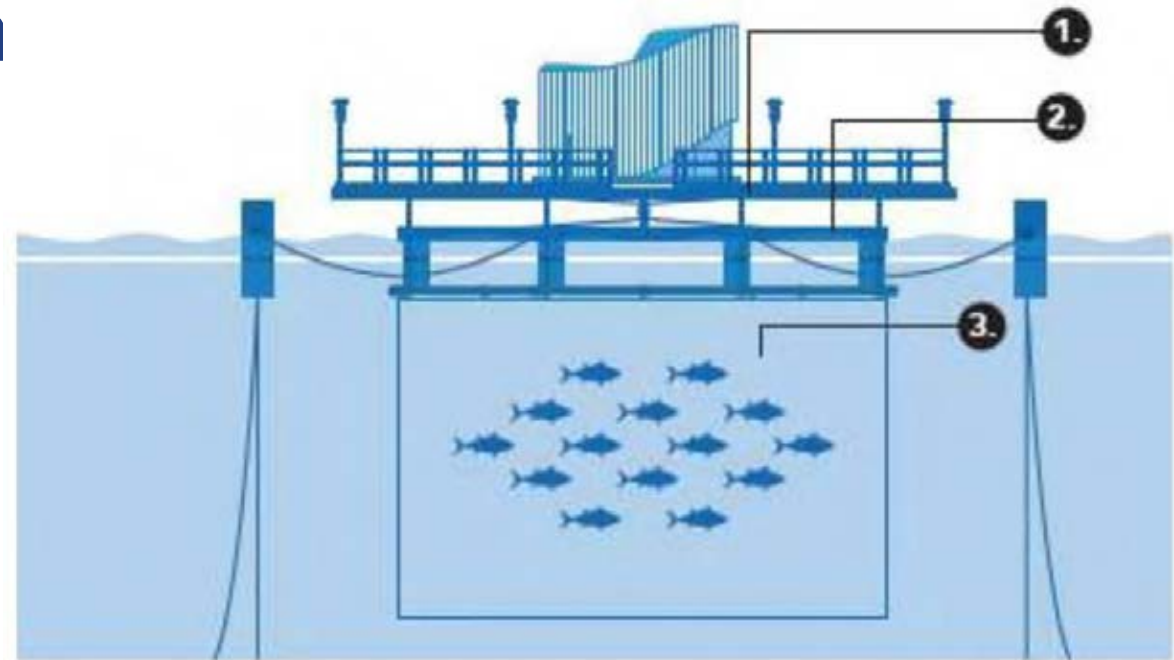
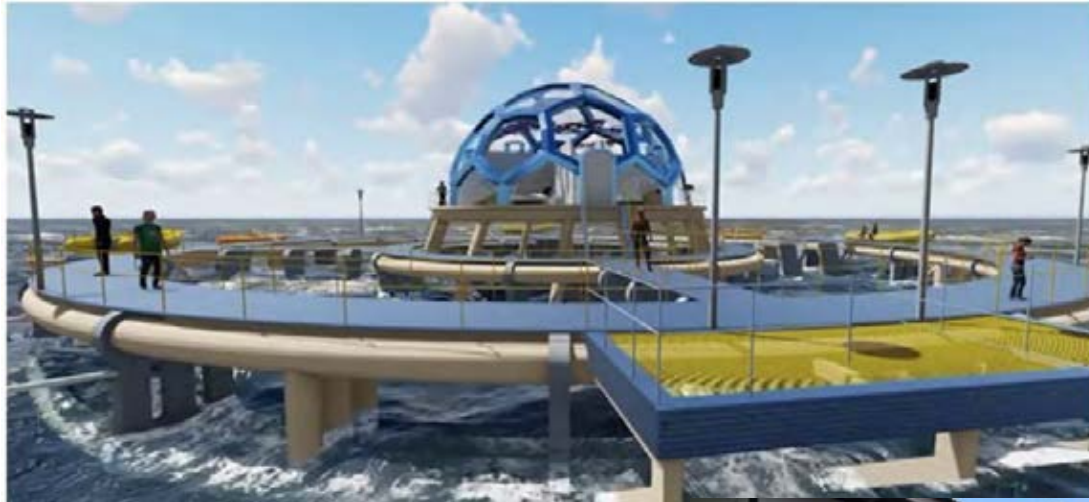
Autonomous cargo delivery in a remote island /ship-to-ship.

Intelligent (driverless) iCar for Campus Commuter



<https://www.its.ac.id/news/2022/08/13/mobil-autonomous-icar-resmi-layani-transportasi-di-kampus-its/>

Ocean Farm ITS (OFITS)

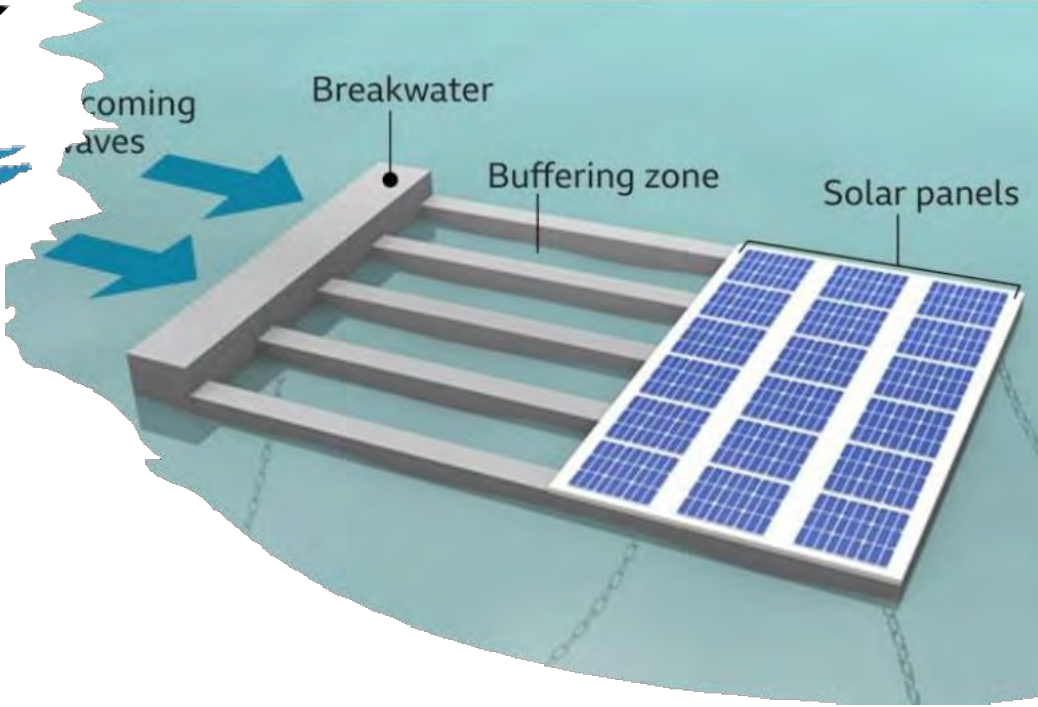


Isometric view model Ocean-Farm ITS (OFITS)

Cooperation with PT. Pertamina and IKA ITS. Fish farming platform as well as floating ecotourism structure, are expected to involve the surrounding community and provide benefits. A breakthrough in the maritime sector in the form of fish farming (aquaculture) platform as well as the first floating marine ecotourism in Indonesia. Located in Sidoasri Bay, Malang, which has a superior commodity, i.e. tuna fish. Collaboration action on 10 Ha marine area management for fish farming using OFITS

Solar2Wave Project

Indonesia's first floating solar power plant on the ocean. This is to provide affordable and clean energy to replace diesel generators being used on Indonesian islands that are too distant to access their national grid.



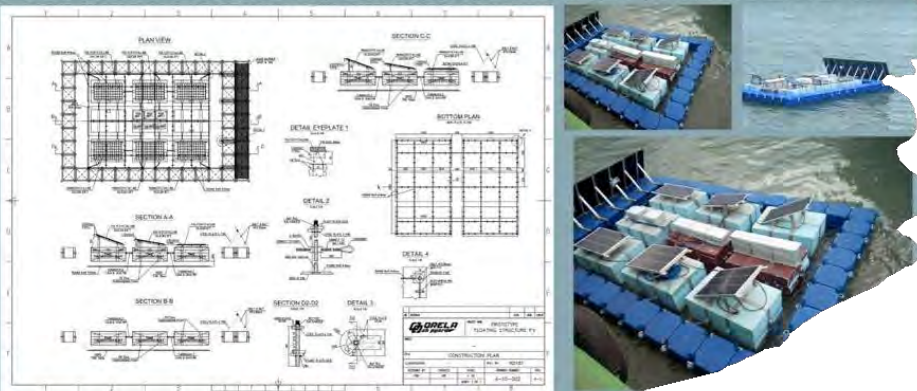
SPECIFICATION

 Solar Panel Cell Type : Mono-crystalline & Poly-crystalline Dimension : 1.05 m (Length) & 0.54 m (Width) Total Capacity : 600 Wp Model : HNM-FLX-100-18. Hinerity & MS-10DP-36. Maysun Solar	 BATTERY Product Type : Samoto Battery - SMT 1265 Voltage & Capacity : 12 V & 65 AH Dimension : 0.35 m (Length), 0.167 m (Width) & 0.173 m (Height) Terminal Size & Type : T6 & O	 BOX MPPT (INVERTER) System Voltage : 12V/24V automatical recognition Max Input Power : 520/1040 Wp Output Current : 30A Dimension : 0.19 m (Length), 0.26 m (Width) & 0.07 m (Height)	 Floating HDPE Dimension : 50 mm (Length), 50 mm (Width) & 40 mm (Height) Thickness : 10 mm Load Capacity : 350 kg/m2 Quality : ISO9001:2008 certificate Durable : Resistant to UV rays, frost, seawater corrosion, chemicals and oil
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FLOATING SOLAR PV FARMING (Solar2Wave)

The idea is attributed to Indonesia is a nation of more than 10,000 islands, so supplying the whole country with electricity is a huge challenge and the plan was published by BBC at <https://www.bbc.co.uk/news/business-63728020.amp>

FLOATING PHOTOVOLTAICS GENERAL ARRANGEMENT



Wahana Apung Multi Guna Navigasi

Wahana apung yang tersusun dari enam knock down trapezoid pontoon, dilengkapi marine renewable energy devices berbasis tenaga surya dan angin, berfungsi sebagai buoy multi guna (multipurpose buoy) dan navigasi kapal.



Kapasitas:

- Solar PV, 3,510 kW
- Offshore Wind 0.9 kW

Fungsi Produk:

- Wahana Apung Multiguna Berbasis EBT
- Floating Solar PV Dan Offshore Wind
- Pendukung Energi Listrik Pada Sistem Navigasi Keramba Jaring Apung
- Desalinasi Plant
- Water floating storage utk supply air bersih



Manfaat Produk:

- Masyarakat**
Dapat menggunakan fasilitas untuk mendapatkan air tawar dan pasokan listrik, serta mendorong percepatan kapal dengan menggunakan teknologi listrik
- Jalur Pelayaran**
Memberikan tanda atau navigasi adanya aktivitas keluar masuk kapal ke galangan
- DUDI/ PT.ASSI**
Menjawab kebutuhan mendesak kebutuhan navigasi akibat dari kondisi pendangkalan; Supporting supply air bersih utk floating repair

Perguruan Tinggi

Peluang kreasi atau inovasi, HAKI dan Pengembangan penelitian berkesinambungan.

Kolaborasi ITS (Prof. R. Sjarief Widjaja dkk) & PT. ASSI (Anita Puji Utami dkk)

e-mail: ITS (Sjarief@na.its.ac.id) & PT.ASSI (assishipyard@gmail.com)



- ❑ This vehicle is composed of 6 knock down trapezoid pontoons, equipped with marine renewable energy devices based on solar and wind power, functions as a multipurpose buoy and ship navigation.
- ❑ This Navigation Multipurpose Floating Vehicle will be placed in the middle of the sea. For electric-powered ships that need charging, they can recharge there. Similarly, for the fulfillment of fresh water.
- ❑ EBT-based Multipurpose Navigation Floating Rides in the form of floating Solar PV and Offshore Wind. Useful as a supporter of electrical energy in navigation systems, floating net cages, desalination plants, and water floating storage for clean water supply with a capacity of 2.5 tons of fresh water.

Multi Purpose Floating Navigation

02 03

2023



Uji coba Electric Vehicle RC Pushback Tug karya ITS dengan menarik pesawat seberat kurang lebih 60 ton di hanggar 4 PT GMF AeroAsia

NEWS

ITS dan PT GMF AeroAsia Ciptakan Ground Support Equipment Ramah Lingkungan

Selengkapnya di its.ac.id/news



swipe left >>>

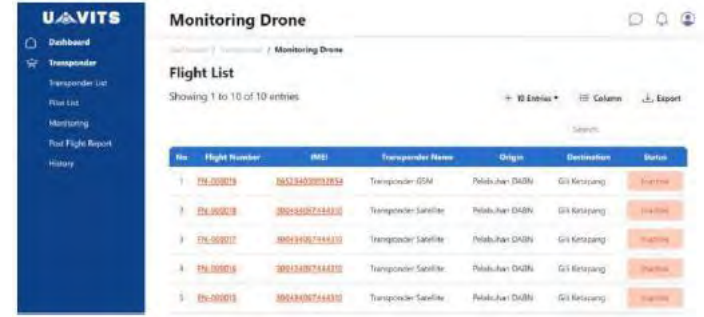


Ketua tim riset Electric Vehicle RC Pushback Tug dari ITS Nani Kurniati ST MT PhD dengan bangga memperkenalkan produknya kali pertama di acara Innovation Day PT GMF AeroAsia



Mobil material handling berbasis listrik dengan sistem monitoring real-time sebagai Ground Support Equipment yang efektif dan ramah lingkungan karya peneliti ITS

Pemantauan PUTA dengan UAVITS yang menampilkan visualisasi jalur penerbangan PUTA



Setiap pengoperasian Pesawat Tanpa Awak wajib untuk memberikan pendapatan kepada negara



Pesawat Udara Tanpa Awak (PUTA) yang membawa logistik kesehatan saat lepas landas dari Terminal Umum DABN Pelabuhan Probolinggo untuk uji coba pengoperasian

NEWS

ITS Kembangkan Sistem Monitoring Pesawat Udara Tanpa Awak

Selengkapnya di its.ac.id/news



swipe left >>>

Pertama di Indonesia, ITS Luncurkan Drone Pendeteksi Emisi Udara



- *drone sniffing* dengan seri BVD-M16A ini merupakan Pesawat Udara Tanpa Awak (PUTA) multiguna yang memiliki fungsi utama untuk mendeteksi emisi gas rumah kaca yang ada di udara.
- mendeteksi tujuh jenis polutan udara seperti CO₂, CO, NO₂, NO, SO₂, PM_{2.5}, dan PM₁₀.
- Menggunakan dashboard berbasis Internet of Things (IoT)

- Drone sniffing yang dilengkapi dengan floater system cocok untuk perairan seperti pelabuhan dan pantai.
- Jangkauan hingga 20 kilometer, *drone* ini juga dapat digunakan di perairan lepas.
- Gelombang laut yang bergejolak tidak menghalangi *drone* untuk *take off* dan *landing* pada permukaan laut.



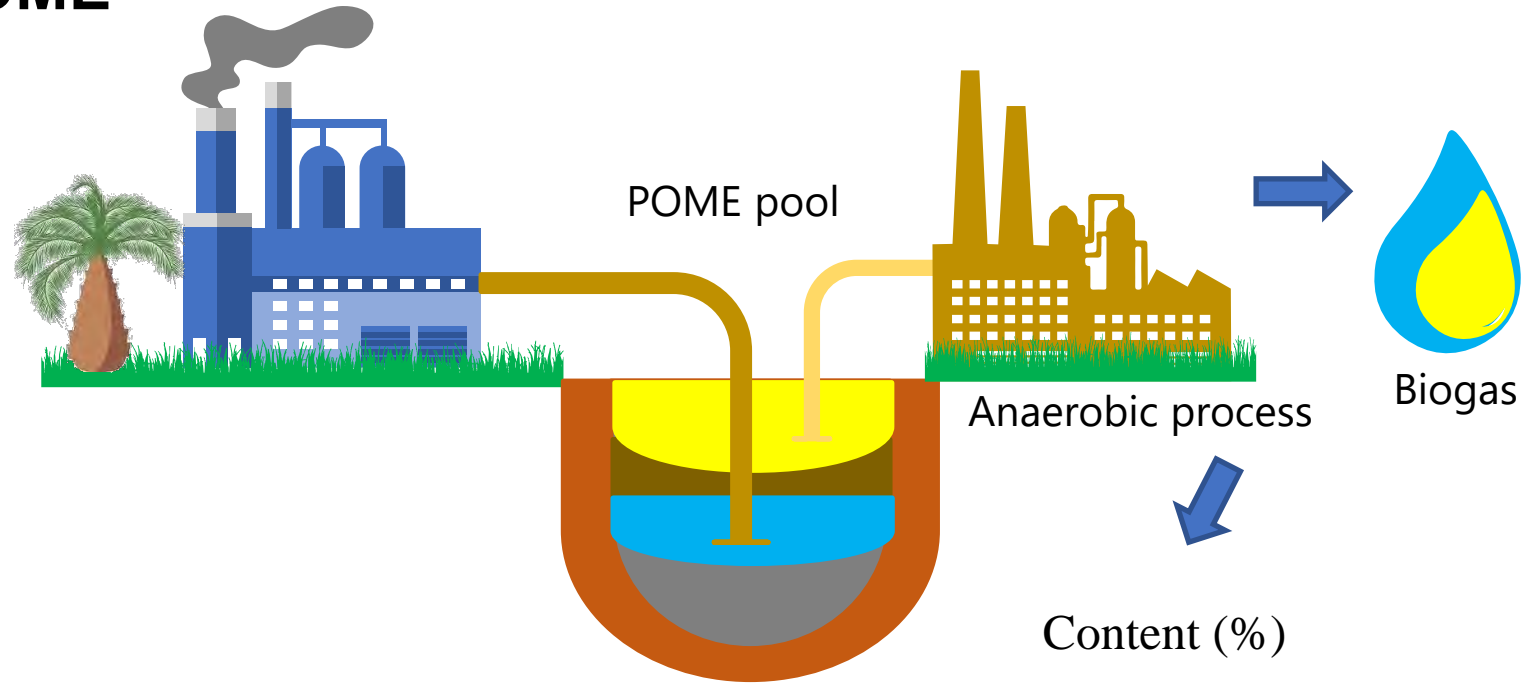
**INTRODUCING THE FUTURE OF
MOBILITY: THE NEW
ELECTRICAL VEHICLE!**

**EXPERIENCE THE POWER OF INNOVATION
AND BE A PART OF THE ELECTRIC
REVOLUTION TODAY!**



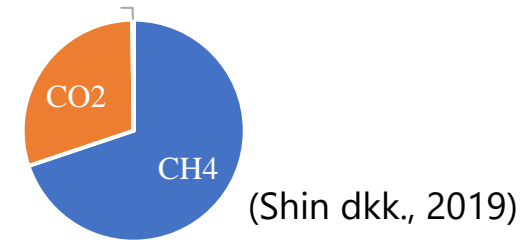
Enrichment of methane gas from biogas produced from palm oil mill effluent (POME)

(POME



Content (%)

Content CO_2 could reduce the calor/heat of biogas
Thus, methane gas must be enriched



■ CH₄ ■ CO₂ ■ N₂ ■ H₂O (g) ■ Lain-lain

Palm Oil Grand Research Sawit,
Palm oil industry association, 2021-2022



Biogas sample collected from the biodigester pipe





Thank you

Prof. Nurul Widiastuti
Vice Rector for Academic and Student Affairs of ITS
nurul_widiastuti@its.ac.id
+62887861137535

THANK YOU!

www.its.ac.id/international



+62 31 5923411



international@its.ac.id
intladmission@its.ac.id



[@its_io](#)



[@its_globalengagement](#)



facebook.com/ioits



ITS International Office