



Kampus
Merdeka
INDONESIA JAYA



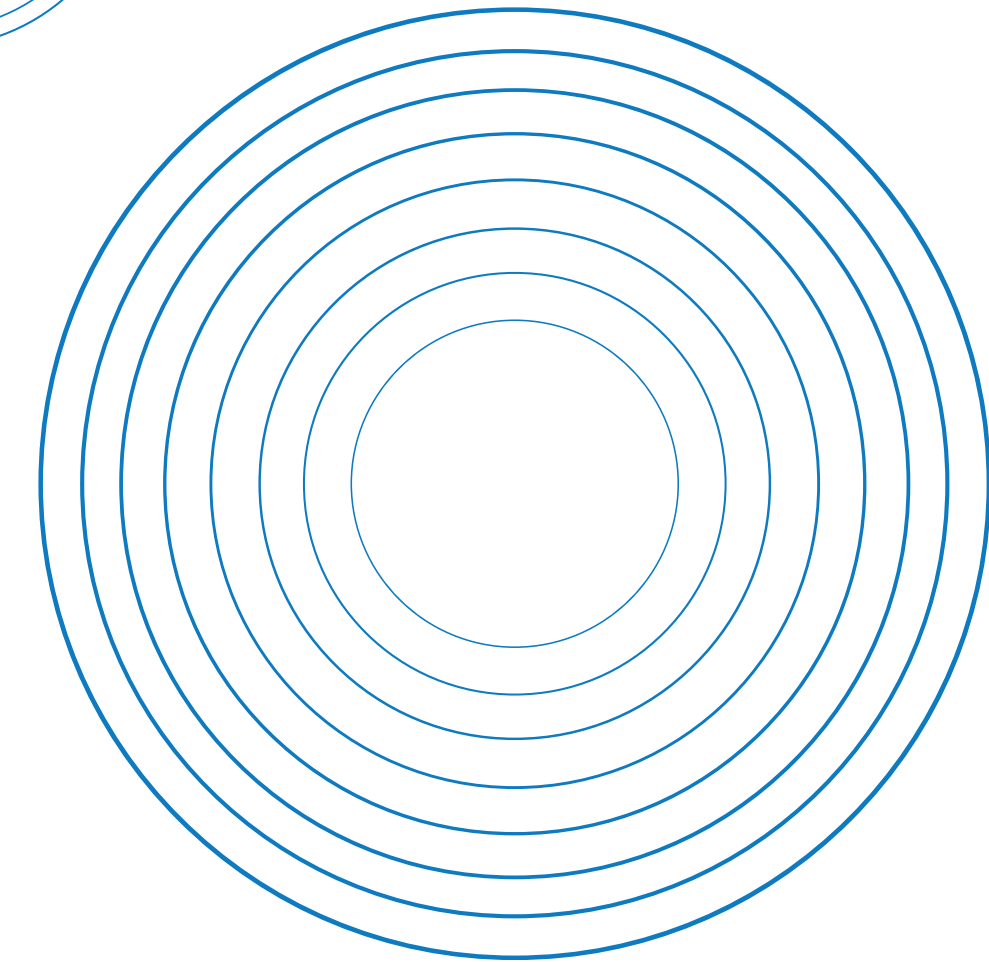
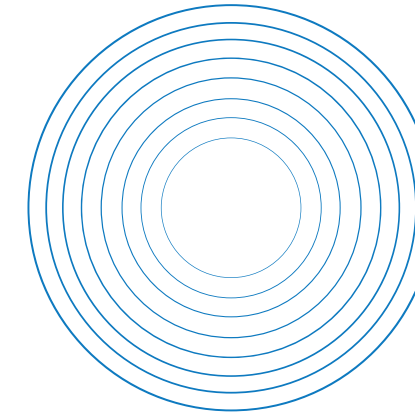
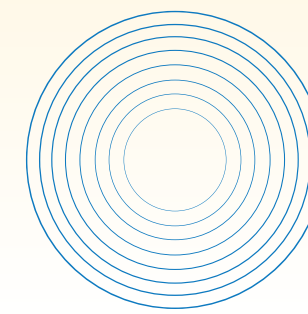
Directorate of Research & Community Service (DRPM)

Institut Teknologi Sepuluh Nopember
2025



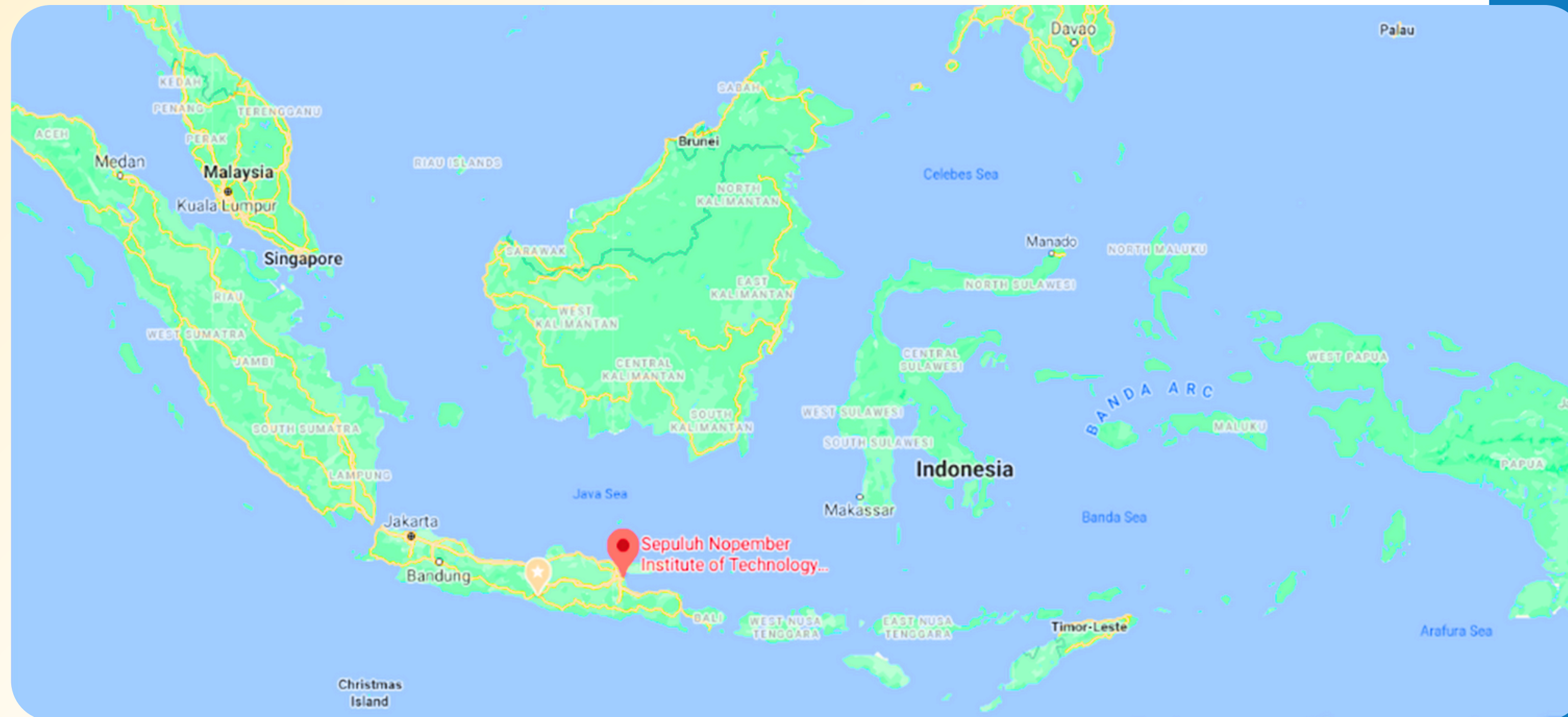


**Kampus
Merdeka**
INDONESIA JAYA



Institut Teknologi Sepuluh Nopember Surabaya 2025

ITS Located in 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

Established on 10 November 1957 by Ir. Soekarno, the 1st President of Indonesia.



ITS Campus Distributed in 3 Locations



Human Resources in ITS



29.217
Students
(82% Undergraduate)



1.126
Lecturers



1.124
Non-Academics Staffs

International Rankings of ITS



Rank
#585
World Wide

QS World University
Rangking 2025

Rank
#675
World Wide

QS World University
Rangking:
Sustainability 2025

Rank
#114
Asia

QS Asia University
Rangking 2025

Rank
#6
Indonesia

QS Asia University
Rangking 2025



Rank
#1.501+
World Wide

THE World
University Rangking
2025

Rank
#201-300
World Wide

THE Impact Rangking
2025

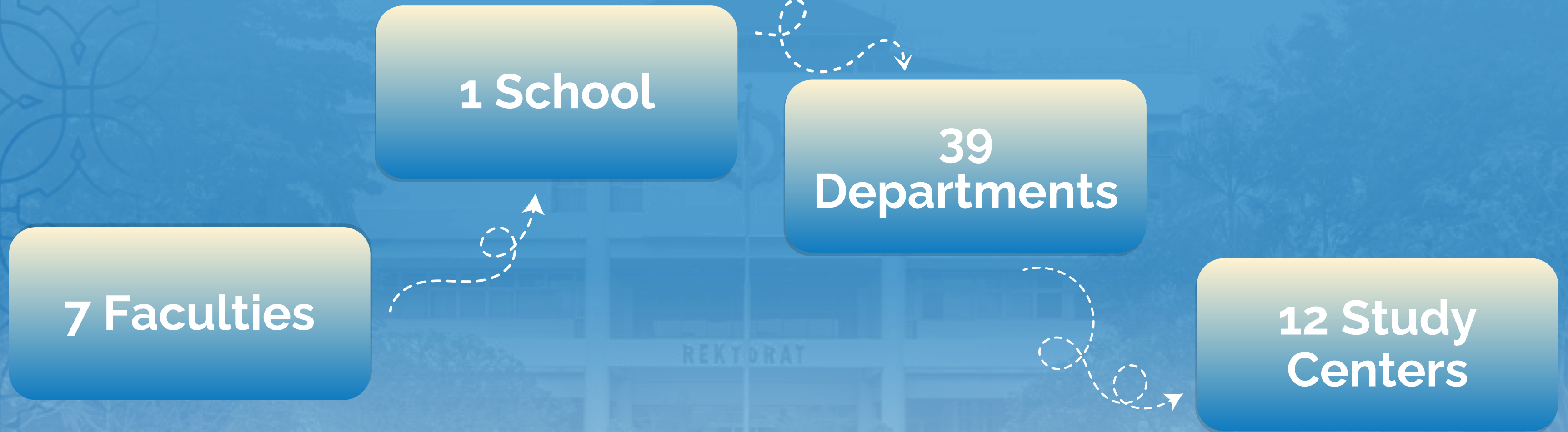
Rank
#77
World Wide

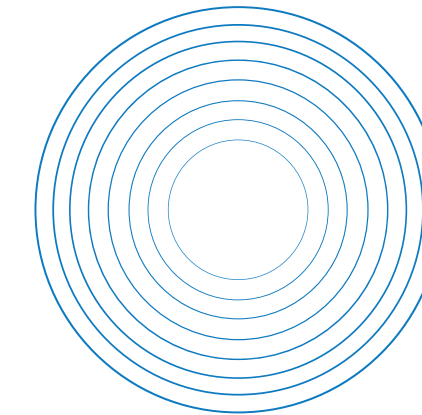
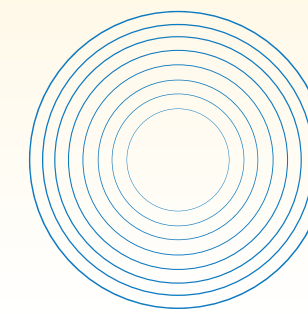
THE Interdisciplinary
Science Rangking 2025

Rank
#3
Indonesia

THE Interdisciplinary
Science Rangking 2025

Parts of ITS





Profile of Directorate of Research & Community Service (DRPM)



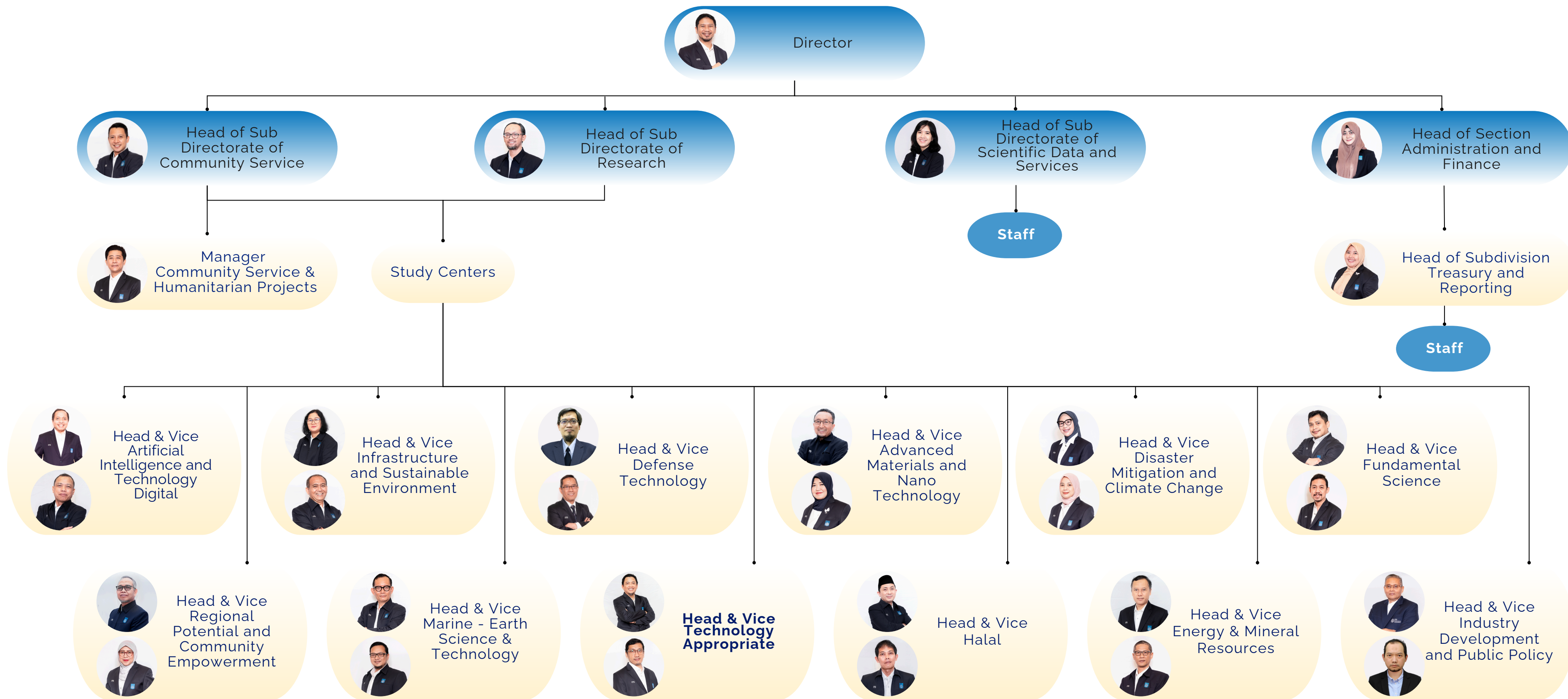
Duties

- Preparing the formulation and implementation of policies in the subfield of research and community service
- Organizing work programs that are in line with the policies of the sub-field of research and community service
- Evaluating and reporting the performance of work program results in the research and community service sub-sector
- Organizing excellent service in the field of research and community service in accordance with the principles of bureaucratic reform and integrity zones

Functions

- Formulation of planning, governance, and research, publication and community service services
- Organizing research activities and scientific publications
- Coordinating grant funds for research activities and scientific publications
- Organizing community service activities
- Organizing real work lecture activities for students
- Management of the research center
- Management of the study center
- Coordinating grants for community service activities
- Organizing and coordinating activities to improve the culture of research and innovation
- Coordinating administration, treasury, and financial reporting
- Implementation of evaluation and reporting of work programs in the sub-field of research, publication and community service

Manajement of DRPM ITS



Vision and Mission of ITS

Vision

To become a world-class entrepreneurial university that becomes a pillar of the nation's economic strength through education, research, community service, innovation development and the creation of science and technology innovation products.

Missions

1. Contributing knowledge and technology for the welfare of society through education, research, community service and management activities based on information and communication technology.
2. Play an active role in the development of science and technology, especially in the fields of marine, environment and settlement, energy, and information and communication technology that is environmentally sound through international research activities.



Mission of DRPM ITS

Research Mission

1. Play an active role in the development of science and technology, especially in the fields of marine, environment and settlements, energy, and environmentally sound information and communication technology through international quality research activities.
2. ITS organizes basic research, applied research, development research, and / or industrial research directed at producing innovations that are beneficial to education and national excellence.
3. Research is developed both independently by ITS and through cooperation with institutions, business entities, and / or other organizations both nationally and internationally.
4. Research activities are carried out in the form of monodisciplinary, multidisciplinary, interdisciplinary, or transdisciplinary.
5. Research activities are carried out by complying with academic norms and ethics in accordance with the principles of scientific autonomy that refer to the vision, mission and objectives of ITS, as well as the provisions of laws and regulations.

Mission of the Community Service Division

1. Utilizing all resources owned to participate in solving problems faced by society, industry, central government, and local government by prioritizing information and communication technology facilities.
2. ITS organizes community service in the form of service, empowerment, and / or cooperation with the community in accordance with norms, ethics, and in accordance with its academic competence.
3. Community service is carried out by ITS individually and / or in groups to apply science and technology along with research results in efforts to empower communities, develop industry and regions, advance general intelligence, and educate the nation's life.
4. The results of community service are utilized for the enrichment of learning and research as well as the development of science and technology.
5. Further provisions regarding the implementation and utilization of the results of community service are regulated by the Rector's Regulation.
6. The Community Service Policy is regulated in the Academic Senate Regulation of Institut Teknologi Sepuluh November Number 3 of 2017 concerning Norms and Policies for Community Service at Institut Teknologi Sepuluh November.

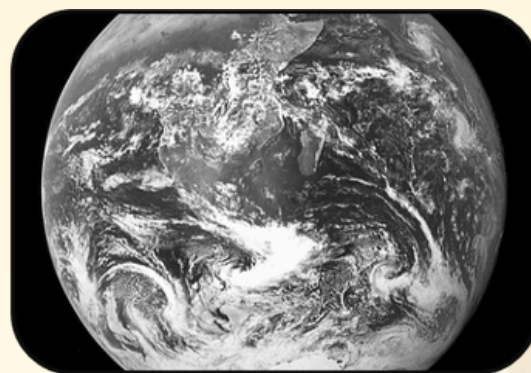
12 Study Centers of DRPM ITS



**Sustainable
Infrastructure and
Environment**



**Disaster Mitigation
and Climate Change**



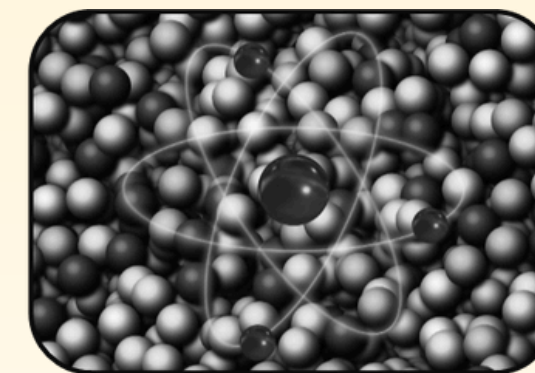
**Marine Science &
Technology - Earth**



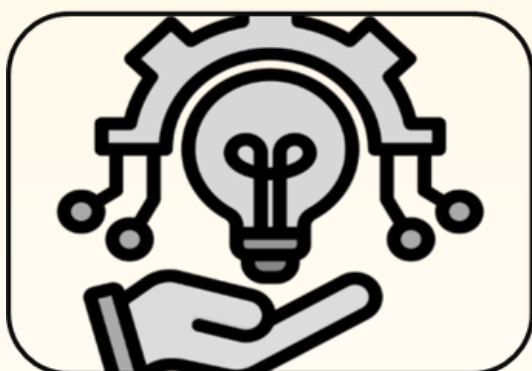
**Regional Potential
and Community
Empowerment**



Halal



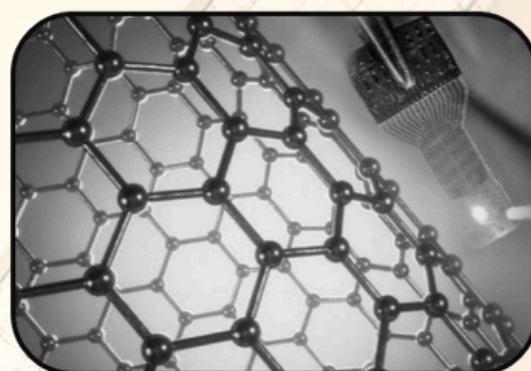
**Fundamental
Science**



**Appropriate
Technology**



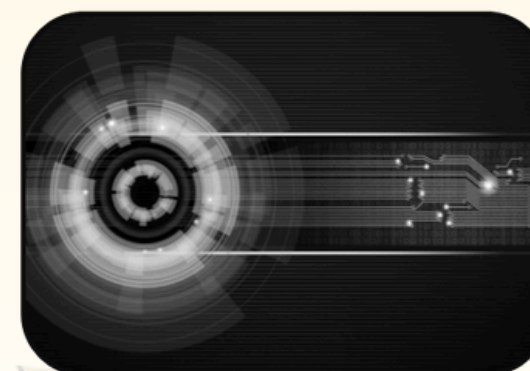
**Industrial
Development &
Public Policy**



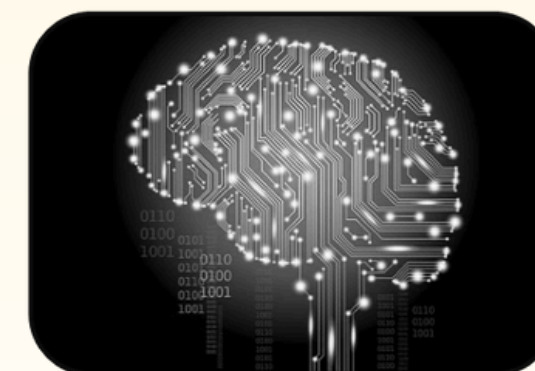
**Advanced Materials
and Nano
Technology**



**Energy & Mineral
Resources**



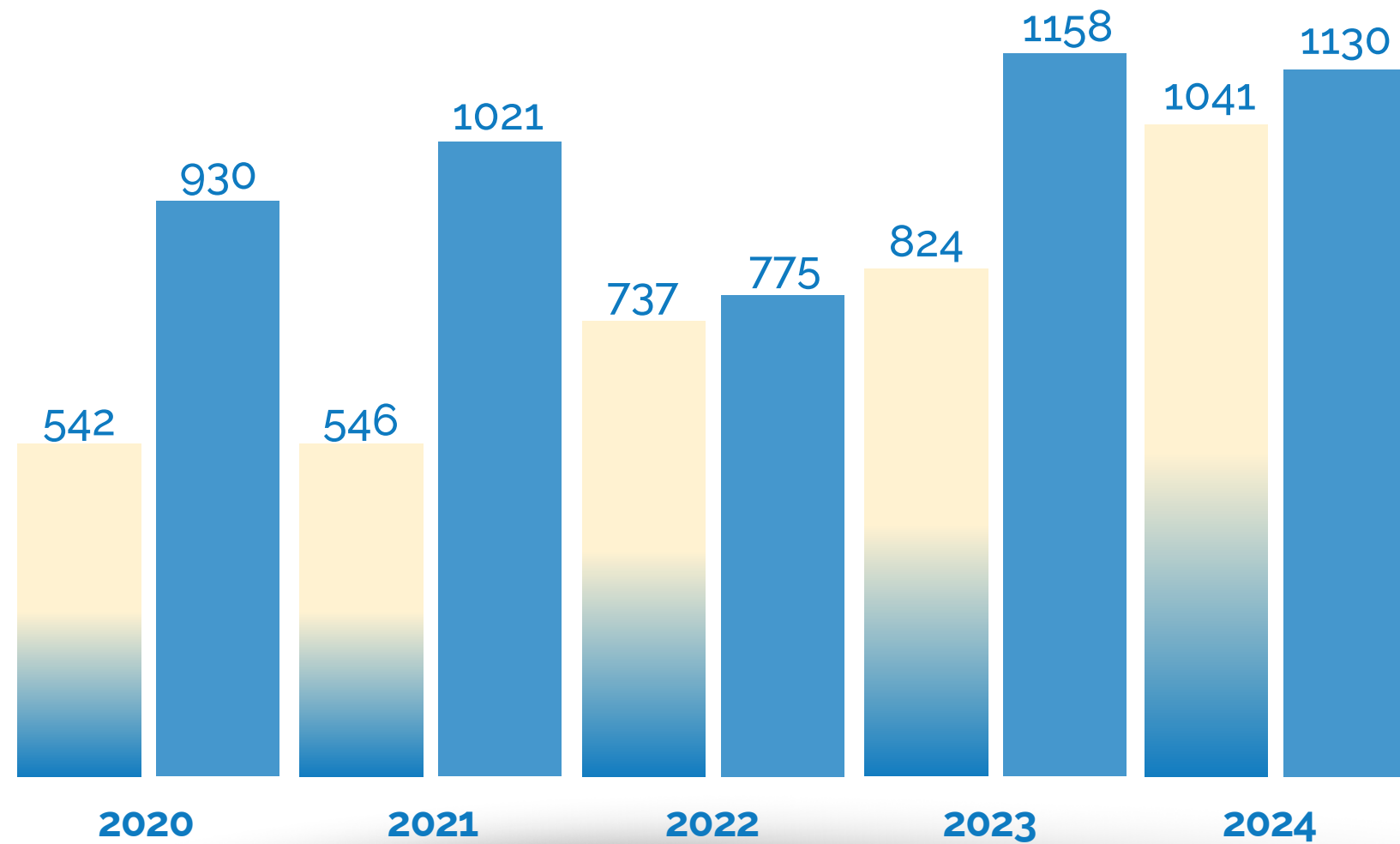
**Defense
Technology**



**Artificial
Intelligence and
Digital Technology**

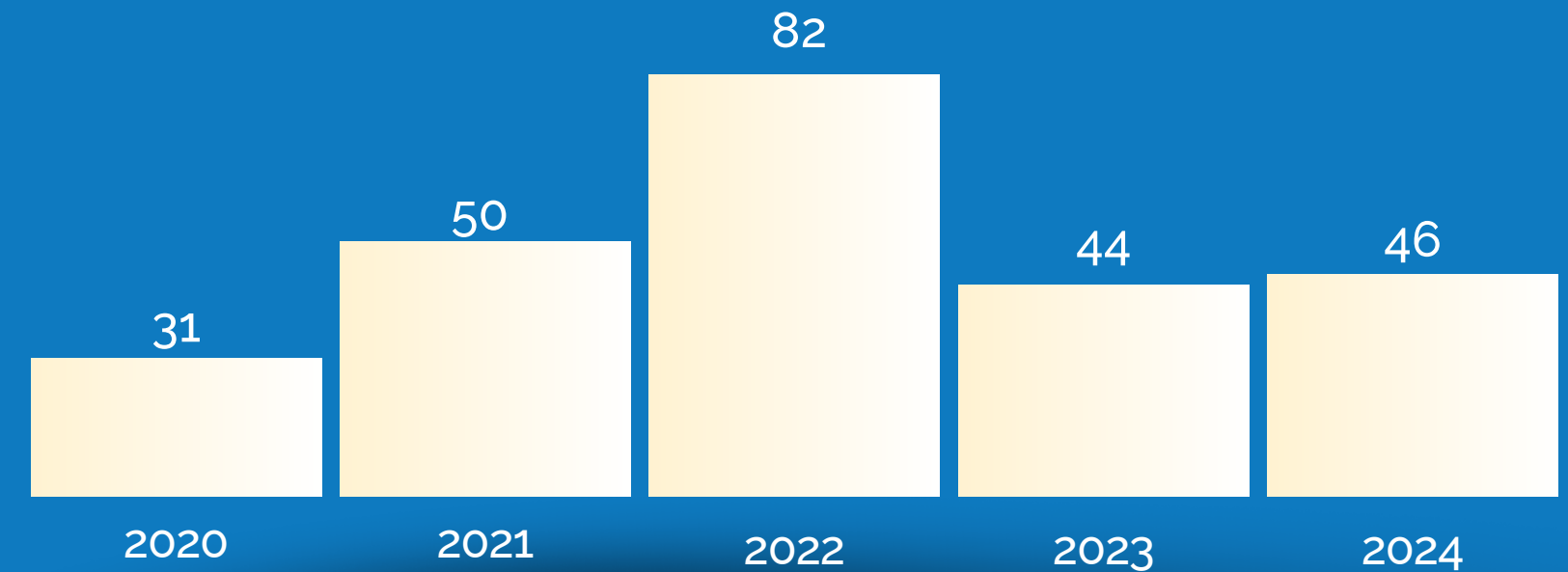
Scopus Publications

- Number of Publication Journal Articles
- Number of Publication Proceedings



Registered Patents

- Number of Registered Patents



International Research Experiences

No	Year	Name of Grant	Grantees
1	2024	Degrees Initiative - UK (DMF Continuation)	Prof. Dr.rer.pol. Heri Kuswanto, S.Si., M.Si.
2	2024	INSPIRASI 2024	<ul style="list-style-type: none"> Prof. Ir. GamantyoHendrantoroM.Eng, Ph.D. Dr. Susi Agustina Wilujeng ST., M.T Prof. Dr. Ir. Gede Wibawa, M.Eng., IPUNIP
3	2024	Pair Sulawesi 2024	<ul style="list-style-type: none"> Prof. Drs. Ec. Ir. Riyanarto Sarno, M.Sc., Ph.D. Siti Nurkhamidah, S.T., M.S., Ph.D. Prof. Mokhamad Nur Cahyadi, S.T., M.Sc., Ph.D.
4	2024	ATU-Net Young Researcher Grant 2024	Dr. Latifah Nurahmi, S.T., M.Sc.
5	2024	The European Education and Culture Executive Agency (EACEA)	Aunurohim, S.Si., DEA.
6	2024	University of Warwick	Dr. Eng. Januarti Jaya Ekaputri, ST., MT.
7	2024	Global Access Fund 2024	Dr. Dr. Eng. Imam Wahyudi Farid, S.T., M.T.
8	2024	PHC-Nusantara	<ul style="list-style-type: none"> Agus Budi Raharjo, S.Kom., M.Kom., Ph.D. Dr. Filsa Bioresita, S.T., M.T.

No	Year	Name of Grant	Grantees
9	2024	E-ASIA JRP	<ul style="list-style-type: none"> Dr. Dra. Melania SuweniMuntini, M.T. Lukman Noerochim, S.T., M.Sc. (Eng), Ph.D.
10	2024	APNIC (ASIA Pacific Network Information Centre) Foundation	Baskoro Adi Pratomo, S.Kom., M.Kom., Ph.D.
11	2024	UWE Bristol	Siti Nurlaela, S.T., M.Com., Ph.D.
12	2024	Innovate UK	Prof. Ir. I Ketut Aria Pria Utama, M.Sc., Ph.D.
13	2024	Kurita Research Grant 2024	<ul style="list-style-type: none"> Dr. Isni Arliyani, S.T Ir. I Putu Eka WidyaPratama, S.Si., M.Sc.RWTH
14	2023	INSPIRASI 2023	<ul style="list-style-type: none"> Prof Ir IDAA Warmadewanthi ST MT PhD Dr. Ary Bachtiar ST., MT, iIPM., Asean.Eng
15	2023	Global Challenge Research Fund	Prof. Ir. Eddy Setiadi Soedjono, Dipl.SE., M.Sc., Ph.D
16	2023	Indonesia Blue Energy for Blue Economy Centre	Dr. Eng. Trika Pitana
17	2023	WUN Global Research Group - SDGs in Asia	Ervin Nurhayati, Ph.D.

International Research Partnerships

1. Åbo Akademi University, Finland
2. APNIC (Asia Pacific Network Information Centre) Foundation
3. Asia Technological University Network (ATU-Net) Young Researcher Grant
4. AUN/SEED-NET
5. Australia Indonesia Centre (AIC) and Monash University
6. British Council
7. Brunel University London - PISCES Collaboration
8. DataCite - Global Access Fund
9. DECIMALS TWAS UNESCO
10. Degrees Initiative - UK (DMF CONTINUATION)
11. Distinguished International Associates-The Royal Academy of Engineering
12. DUPC2, Stichting IHE Delft Belanda (UNESCO-IHE Delft Foundation)
13. ERASMUS +
14. European Commission
15. GCRF
16. Herriot Watt University-Royal Society of Edinburgh
17. Horizon Research and Innovation Framework Programme - European Union
18. IGES Japan and UNESCAP
19. Indonesia Toray Science Foundation
20. Innovate UK
21. International Collaborative Research Funding (ICRF) Y-UTP
22. JRP- e-Asia
23. Koneksi ECC Grant-Queensland University of Technology (QUT)
24. Kurita Water and Environment Foundation (KWEF)
25. Monash University - Australia Indonesia Centre
26. National Taiwan University of Science and Technology (NTUST)
27. Natural Resources Institute Finland (Luke)
28. New Zealand Aid Programme
29. New Zealand Embassy
30. NIDCD, USA
31. NWO
32. Program for Research Against COVID-19 (JICA)
33. QR-GCRF/ University of Central Lancashire (UCL)
34. Royal Society of Edinburgh
35. SAME PHC - Nusantara
36. The Academy of Medical Sciences (GCRF Networking Grant)
37. The Royal Academy of Engineering
38. The United Nations Educational, Scientific and Cultural Organization (UNESCO)
39. UMT dan EACEA (EU)
40. UNESCO - IHE ALT WATER
41. UNESCO - TWAS
42. United Kingdom Foreign & Commonwealth Office (UK-FCO)
43. Universiti Teknologi Malaysia
44. Universiti Teknologi Petronas (UTP)
45. University of South Australia (UniSA)
46. University of Warwick
47. University of West England, Bristol
48. UWE Bristol
49. VTT Technical Research Centre of Finland Ltd
50. WUN Global Research Group - SDGs in Asia (National Cheng Kung University)

National Research Experiences

No	Year	Name of Grant	Grantees	Source of Funding
1	2024	Riset dan Inovasi Indonesia Maju	<ul style="list-style-type: none"> Prof. Dr.Eng. Chastine Fatichah, S.Kom., M.Kom. Prof. Dra. Ratna Ediaty, MS., Ph.D. Prof. Dr. Mardi Santoso Hendro Nurhadi, Dipl.-Ing., Ph.D. Prof. Dr. Drs. Djoko Hartanto, M.Si. Prof. Dr. Darminto, M.Sc. Dr. Triyanda Gunawan, S.Si. Prof. Dr. Ir. Tri Widjaja, M.Eng Prof.Dr.Eng. Siti Machmudah, S.T., M.Eng. Dr.rer.nat. Nasori, M.Si. Dr. Kartika Nuswantara, S.Pd., M.Pd. Dr.Eng. Januarti Jaya Ekaputri, S.T., M.T. Prof. Dr. Ir. Imam Robandi, M.T. Ahmad Basshofi Habieb, S.T., M.T., M.Sc., Ph.D. Dr. Widyastuti, S.Si., M.Si. Prof. Ir. Gamantyo Hendratoro, M.Eng., Ph.D. Prof. Dr. Didik Prasetyoko, S.Si., M.Sc. Azzah Dyah Pramata, S.T., M.T., M.Eng., Ph.D. Prof. Dr. Dra. Fahimah Martak, M.Si. Prof.Dr. Bambang Sudarmanta, S.T., M.T. Bambang Piscesa, S.T., M.T., Ph.D. 	BRIN
2	2024	Grant Riset Sawit 2024	<ul style="list-style-type: none"> Prof. Mokhamad Nur Cahyadi, S.T., M.Sc., Ph.D. Prof. Adjie Pamungkas ST. M.Dev.Plg. PhD. Dr. Widyastuti S.Si. M.Si. Prof. Dr. R. Y. Perry Burhan M.Sc. Dr. Ir. Is Bunyamin Suryo S.T. MSc. IPM A.Eng. Mohammad Khoirul Effendi S.T., M.SC.ENG., PH. 	BPDPKS

No	Year	Name of Grant	Grantees	Source of Funding
3	2024	Open Innovation BGA 2024	<ul style="list-style-type: none"> Moch. Solichin, ST., MT., PhD. Rezki El Arif, S.T., M.Sc., Ph.D. Prof. Mokhamad Nur Cahyadi, S.T., M.Sc., Ph.D. Mukhammad Muryono, Ph.D Sri Fatmawati, S.Si., M.Sc., Ph.D. 	PT. Bumitama Gunajaya Agrot
4	2024	PFSains 2024 (Ideation)	<ul style="list-style-type: none"> Sutopo Purwono Fitri, S.T., M.Eng., Ph.D. Prof. Adi Setyo Purnomo, S.Si., M.Sc., Ph.D. Dr. Drs. Mochamad Zainuri, M.Si. Liza Rusdiyana, S.T., M.T. 	PT. Pertamina
5	2024	PFSains 2024 (Implementation)	<ul style="list-style-type: none"> Prof. Drs.Ec. Ir. Riyanarto Sarno, M.Sc., Ph.D. Iwan Cony Setiadi, S.T., M.T. Dr.Eng. Dhimas Widhi Handani, S.T., M.Sc. 	PT. Pertamina
6	2023	Grant Riset Sawit 2023	<ul style="list-style-type: none"> Dr. Eng Erwin Widodo, S.T., M.T. Mohammad Khoirul Effendi, S.T., MSc.Eng., Ph.D. Rezki El Arif, S.T., M.T., Ph.D. Dr.rer.nat. Ir. Maya Shovitri Dr. Lila Yuwana Dr.Eng. Hosta Ardhyananta, S.T., M.Sc. 	BPDPKS

National Research Partnerships

The research cooperation of Institut Teknologi Sepuluh Nopember ITS in the country includes:

Ministries

BRIN

LPDP

BPDPKS

Governments

BUMN

Companies

1. Kementerian Pendidikan, Kebudayaan Riset dan Teknologi
2. KEMENDIKBUDRISTEK - LPDP
3. BRIN (Badan Riset dan Inovasi Nasional) - LPDP
4. PUSYANTEK BRIN
5. BPDPKS (Badan Pengelola Dana Perkebunan Kelapa Sawit)
6. Badan Penelitian dan pengembangan Daerah Kabupaten Kediri
7. Badan Perencanaan Pembangunan Daerah (BAPPEDA), Pemerintah Provinsi Jawa Timur
8. Pusatlitbang Transportasi Laut, Sungai, Danau dan Penyebrangan, Kemehub, Balitbang
9. BNPB (Badan Nasional Penanggulangan Bencana)
10. Dinas Sosial Pemberdayaan Perempuan dan Perlindungan Anak Kabupaten Klungkung
11. Direktorat Jenderal Pengendalian dan Pencemaran dan Kerusakan Lingkungan-KLHK
12. Direktorat Pemberdayaan Masyarakat Direktorat Jenderal Pemberdayaan Sosial Kemensos Republik Indonesia
13. Direktorat Pendidikan Masyarakat dan Pendidikan Khusus, Direktorat Jenderal Pendidikan Anak usia Dini, Pendidikan Dasar dan Pendidikan Menengah – KEMENDIKBUD
14. Kementerian Agraria dan Tata Ruang-Badan Pertanahan Nasional Provinsi Jawa Timur
15. Kementerian Sosial Republik Indonesia
16. Pusat penelitian dan Pengembangan Kependudukan, KB dan KS Badan Kependudukan dan keluarga Berencana Nasional (BKKBN)
17. PRT. Semen Indogreen Sentosa
18. PT Indonesia Asahan Aluminium (Persero)
19. PT Infoglobal Teknologi Semesta
20. PT Nutrifood Indonesia
21. PT Pertamina Gas
22. PT PG Rajawali I
23. PT Wijaya Karya Beton Tbk
24. PT. Ajinomoto Indonesia
25. PT. Krakatau Semen Indonesia (KSI)
26. PT. Pertamina International Shipping
27. Perusahaan Listrik Negara (Persero)
28. PT. Wika Beton Tbk

Research and Innovation Awards

No	Tahun	Nama Penghargaan	Penerima Penghargaan
1	2024	Encouragement Award - The 2024 (5th) Hitachi Global Foundation Asia Innovation	Prof. Dr.rer.pol. Heri Kuswanto, S.Si., M.Si.
2	2024	Top 7 Kolaborator BRIN	Institut Teknologi Sepuluh Nopember
3	2024	Female Science Talents Intensive Tracks 2024 The Falling Walls Foundation, Germany	Sri Fatmawati, S.Si., M.Sc., Ph.D.
4	2024	Willmar Schwabe Award 2024	Sri Fatmawati, S.Si., M.Sc., Ph.D.
5	2024	Top 2% Scientist Worldwide 2024	<ul style="list-style-type: none"> • Prof. Drs. Ec. Ir. Riyanarto Sarno, M.Sc., Ph.D. • Prof. Ir. I Nyoman Pujawan M.Eng., Ph.D. • Prof. Tohari Ahmad, S.Kom., M.IT., Ph.D. • Prof. Adi Setyo Purnomo, S.Si., M.Sc., Ph.D.
6	2024	Juara 3 Indonesia's SDG's Action Award	Institut Teknologi Sepuluh Nopember
7	2024	5 Penghargaan - Anugerah Diktisaintek 2024	Institut Teknologi Sepuluh Nopember
8	2024	Encouragement Award - The 2023 (4th) Hitachi Global Foundation Asia Innovation	Prof. Drs.Ec. Ir. Riyanarto Sarno, M.Sc., Ph.D.

No	Tahun	Nama Penghargaan	Penerima Penghargaan
9	2024	Outstanding Innovation Award - The 2023 (4th) Hitachi Global Foundation Asia Innovation	Sri Fatmawati, S.Si., M.Sc., Ph.D.
10	2023	Juara 3 Indonesia's SDGs Action Award	Institut Teknologi Sepuluh Nopember
11	2023	The 2023 Maritime Safety Award by The Royal Institution of Naval Architects	Institut Teknologi Sepuluh Nopember
12	2023	Penghargaan Poster Terbaik Pekan Riset Sawit 2023	Dr. Triyanda Gunawan
13	2023	Penghargaan Pengelola Administrasi terbaik Pekan Riset Sawit 2023	DRPM ITS
14	2023	UNESCO-ICHEI Higher Education Digitalization Pioneer Case Award	Institut Teknologi Sepuluh Nopember
15	2023	IASLC International Mentorship Program	Edwin Nugroho Njoto
16	2022	Travel Grant Award 2022 the Japanese Society of Medical Oncology Annual Meeting	Edwin Nugroho Njoto
17	2022	Habibie Prize di bidang Ilmu Filsafat, Agama, dan Kebudayaan	Naufan Noordyanto, S.Sn., M.Sn.
18	2020	Innovation Award for the 2020 Curtin University Alumni Achievement	Prof. Dr. Ir. Mochamad Ashari, M.Eng.

Products of Research and Innovation

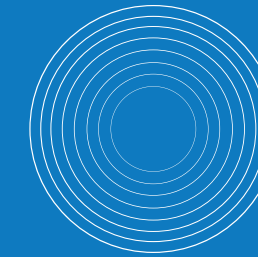
1. RAISA
I Ketut Eddy Purnama, Rudy Dikairono
2. EVITS
Aulia M.T. Nasution
3. Electric Wheel Chair
Achmad Arifin
4. Mesin Braille ITS
Tri Arief Sardjono
5. Fi-Gel
Lukman Atmaja
6. MeniTemu
Sri Fatmawati
7. HoiLITS
Sri Fatmawati
8. Teknologi Pemisahan Bitumen dari Asbuton
Susianto
9. Prototipe Simulator Electric Vehicles Untuk Sarana Edukasi
Bambang Sudarmanta
10. Programable Omnidirectional Conveyour
Lukman Hakim
11. Smart Mini Sweetener Factory
Fadlilatul Taufany
12. Rancang Bangun Reaktor Produksi Biofuel Dengan Bahan Baku Minyak Mentah Kelapa Sawit
Hosta Ardhyananta
13. Prostetik Tangan Body Power Dan Mekatronik Berbiaya Rendah Berbasis Digital Fabrication
Djoko Kuswanto
14. Light LED
Hendro Nurhadi
15. Glucowatch-IU
Endarko
16. PETA EVARI (Peta Evakuasi Raba Berbicara) Sebagai Learning Media Evakuasi Pada Komunitas Disabilitas Netra
Adjie Pamungkas
17. NCITS Bahan Baku Sediaan Nanoselulosa
Didik Prasetyoko
18. Varietas Unggul Jagung Hibrida - Hybrid Corn Variety Tks (Tunas Karya Sepuluh Nopember) - TKS 234
Mukhammad Muryono
19. Prototipe Stereotactic untuk Operasi Otak
Riyanarto Sarno
20. Kendaraan Listrik E-Trail
Bambang Sudarmanta
21. Pembangkit Listrik Tenaga Biogas (PLTBg) dengan Sistem Kontrol Terintegrasi
Arief Abdurrakhman
23. Polyurethane berbasis Campuran Polyol Alam dan Polyol Sintesis untuk Model Struktur Tulang Pembelajaran Kedokteran
Sumarno
24. COBI Sepeda Lipat Hibrid untuk Para Komuter
Bambang Iskandriawan
25. Early Warning System Untuk Keselamatan Kapal dan Instalasi Laut
I Ketut Buda Artana
26. i-Boat, Hover Flight, Swath Boat – Flight
Tri Achmadi
27. Model Berskala 1/18 LRT (Light Rail Transit) JABODEBEK
Agus Windharto
28. Mini Museum Robot Juara ITS
Rudy Dikairono
29. IStow
Setyo Nugroho
30. Standing Water Detector (SWD)
Melania Suweni Muntini
31. Maket Poduksi Sodium Bicarbonate-Concentrate Powder Untuk Hemodialisis (HD) Dengan Proses Karbonasi
Siti Zullaikah
32. Prototipe Virtual Reality Simulator VR High Climbing Pemula untuk Melatih Motion Sickness
Didit Prasetyo
33. Prototipe Virtual Reality Rekonstruksi Lahirnya Putra Fajar di Pandean Surabaya
Nugrahardi Ramadhani
34. Sistem Monitoring Rehabilitasi Stroke Berbasis Teknologi EEG
Adhi Dharma Wibawa
35. Elbicare Tele-Medicine
Dhany Arifianto
36. Prototipe Proton Exchange Membrane Fuel Cell
Sutarsis
37. COFILM+
Agung Purniawan
38. Desain Furniture Hotel Ofits Dalam Rangka Pengembangan Kawasan Terintegrasi Carbon Capture, Budidaya Laut, Dan Eduwisata Berbasis Pemberdayaan Masyarakat Berkelanjutan Studi Kasus: Malang Selatan; Jawa Timur
Yeyes Mulyadi

Products of Research and Innovation

39. Display Pamer Modul Pembelajaran Online yang Imersif
Anggra Ayu Rucitra
40. Frangible Bullet dan Produk Inovasi Hankam Lainnya
Widyastuti
41. AERIS: Filter Pembersih Udara Dengan Bahan Aktif Nano-Copper (99,9% Efektif Membunuh Covid-19)
Azzah Dyah Pramata
42. Low-Cost GNSS GEO PD ITS
Mokhamad Nur Cahyadi
43. Green Concret
Januarti Jaya Ekaputri
44. Kendali Multi Remote Laboratory Menggunakan Modul IOT dengan Metode Distributed Control
Arif
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