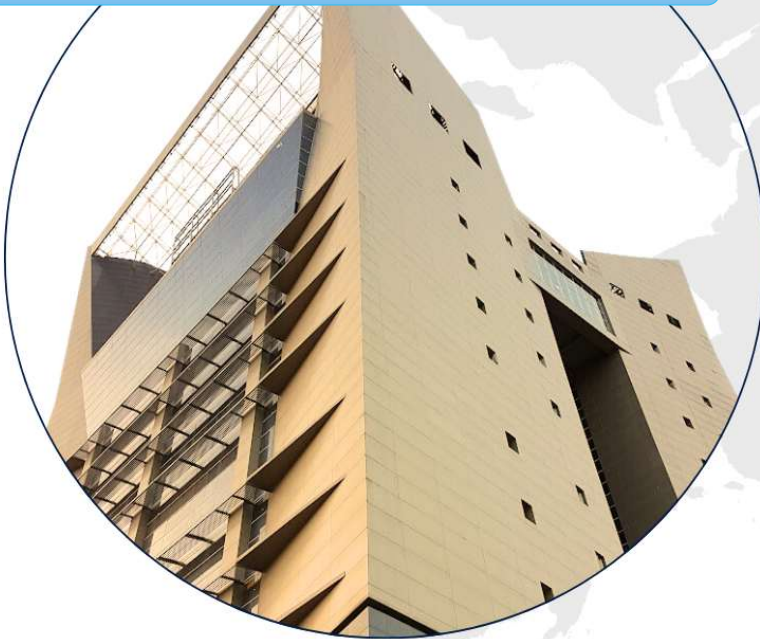


Mitra Kerjasama Luar Negeri Prioritas Skema Penelitian Kemitraan

***Enhancing Quality Education for International University
Impacts and Recognition – World Class University
(EQUITY-WCU)***

Kemitraan IRN Tipe A & B



A. Hasil International Research Network QS-WUR 2026

International Research Network (IRN) adalah salah satu dari sembilan indikator yang digunakan dalam penilaian QS World University Rankings (QS WUR) 2026. Indikator ini memiliki bobot 5% dalam penilaian keseluruhan dan mengukur kemampuan institusi untuk membentuk dan mempertahankan jaringan kolaborasi penelitian internasional.

International Research Network (IRN) dihitung menggunakan *Margalef Index*. Margalef Index adalah indeks keanekaragaman yang digunakan untuk mengukur keragaman kemitraan penelitian internasional suatu universitas sesuai rumus berikut :

$$IRN = \frac{L(Negara)}{L_n P(Mitra PT)}$$

Dalam QS World University Rankings (QS WUR) 2026, suatu universitas dianggap memiliki *International Research Network* (IRN) atau jaringan riset internasional dengan suatu negara jika ada minimal **3 publikasi bersama dalam 5 tahun terakhir dengan mitra dari negara tersebut**.

Jika sebuah universitas bekerja sama dengan satu universitas saja dalam suatu negara, meskipun ada lebih dari 3 publikasi, negara tersebut tidak akan masuk dalam perhitungan IRN. Untuk meningkatkan skor *International Research Network* (IRN), kolaborasi harus melibatkan **lebih dari satu institusi dalam suatu negara**.

International Research Network (IRN) ⓘ



QS metrics	Arts & Humanities	Engineering & Technology	Life Sciences & Medicine	Natural Sciences	Social Sciences & Management	Total
IRN Scholarly Output (QS)	6	1,140	190	651	246	1,399 ^[a]
Locations (QS)	2	34	10	30	12	17.6 ^[b]
Partners (QS)	2	135	31	91	33	58.4 ^[b]
Non-Scaled International Research Network (IRN) Index (QS) ⓘ	2.89	6.93	2.91	6.65	3.43	N/A
International Research Network (IRN) Index (QS) ⓘ	26.70	45.05	14.57	41.84	21.37	29.90 ^[b]

[a] Total deduplicated count

[b] Total average between Faculty areas

**B. NEGARA MITRA YANG SUDAH KUAT KOLABORASI DENGAN ITS
(BUKAN NEGARA PRIORITAS TIDAK DIPERKENANKAN DIPILIH SEBAGAI MITRA)**

Engineering & technology	Life sciences & medicine	Natural sciences	Social sciences & management	Art humanities
<ul style="list-style-type: none"> • Australia • Bangladesh • Belgium • Brunei Darussalam • Canada • China • Denmark • Estonia • Ethiopia • France • Germany • Hong kong • Hungary • Italy • Japan • Malaysia • Netherlands • Norway • Pakistan • Philippines • Rwanda • Saudi arabia • Singapore • South Africa • South Korea • Sweden • Taiwan • Thailand • Turkey • United Arab Emirates • United Kingdom • United States • Viet Nam • Yemen 	<ul style="list-style-type: none"> • Australia • Brunei Darussalam • Germany • Japan • Malaysia • Philippines • Saudi arabia • Taiwan • Thailand 	<ul style="list-style-type: none"> • Australia • Bangladesh • Brunei Darussalam • China • Denmark • Estonia • France • Germany • Hong kong • Hungary • Iran • Italy • Japan • Malaysia • Netherlands • Norway • Philippines • Poland • Rwanda • Saudi Arabia • Singapore • South Africa • South Korea • Taiwan • Thailand • Turkey • United Arab Emirates • United Kingdom • United States 	<ul style="list-style-type: none"> • Australia • Brunei Darussalam • Japan • Malaysia • Philippines • Rwanda • Saudi Arabia • Sweden • Taiwan • Thailand • United Kingdom • United States 	<ul style="list-style-type: none"> • Japan • Malaysia

C. NEGARA MITRA PRIORITAS – RESEARCH COLLABORATIONS TIPE A

**(NEGARA MITRA PRIORITAS YANG SUDAH MEMILIKI RIWAYAT PUBLIKASI
TETAPI BELUM MEMENUHI KRITERIA IRN)**

FDKBD	FSAD	FTSPK	FTIRS	FTEIC
China	Afghanistan	Austria	Austria	Austria
Denmark	Argentina	Bulgaria	Brazil	Brazil
Egypt	Austria	Cambodia	Bulgaria	Bulgaria
Finland	Belgium	Czech Republic	Cambodia	Burkina Faso
Germany	Brazil	Ecuador	Canada	Canada
Hong Kong	Bulgaria	Egypt	Croatia	Colombia
India	Cambodia	Iran	Cyprus	Egypt
Iraq	Canada	Iraq	Finland	India
Italy	Chile	Kenya	India	Ireland
Lithuania	Czech Republic	Liberia	Ireland	Jordan
Oman	Ecuador	Libya	Jordan	Korea, Republic of
Pakistan	Egypt	Mozambique	Kazakhstan	Libya
Saudi Arabia	Finland	Nepal	Korea, Republic Of	Luxembourg
Serbia	Iraq	New Zealand	Lao People's Democratic Republic	Mexico
Singapore	Lebanon	Nigeria	Lithuania	Nigeria
Spain	Luxembourg	Palestine	Mexico	Palestine
Sudan	Macao	Portugal	Morocco	Poland
Sweden	Morocco	Qatar	New Zealand	Portugal
Thailand	Nepal	Sudan	Nigeria	Romania
United Kingdom	New Zealand	Switzerland	Oman	Russian Federation
Viet Nam	Oman	Uzbekistan	Poland	Somalia
Yemen	Romania		Russian Federation	Spain
	Russian Federation		Spain	Switzerland
	Slovakia		Switzerland	
	Spain		Ukraine	
	Sri Lanka			
	Switzerland			
	Viet Nam			
	Yemen			
FTK	FVOKASI	FKK		
Czech Republic	Algeria	Ireland		
India	Austria	Korea		
Iraq	Brazil	Netherlands		
New Zealand	India	Switzerland		
Poland	Iraq	United Kingdom		
Qatar	Korea, Republic Of			
Slovakia	Morocco			
	Nigeria			
	Poland			
	Uzbekistan			

**Daftar Kerjasama Perguruan Tinggi Luar Negeri Eksisting
Fakultas Desain Kreatif Dan Bisnis Digital**

No	Nama	Nama Perguruan Tinggi	Universitas
1.	Dr.Sabar S.E., M.Si.	Hang Seng University of Hong Kong	Hong Kong
2.	Kartika Kusuma Wardani S.T., M.Si.	Northwestern Polytechnical University Xian	China
3.	Ellya Zulaikha S.T., M.Sn., Ph.D.	Singapore Management University	Singapore
		GrabTaxi Holdings	Singapore
		King Mongkut's University of Technology North Bangkok	Thailand
		Chulalongkorn University	Thailand
		Chulalongkorn University	Thailand
4.	Berto Mulia Wibawa S.Pi., M.M., Ph.D.	University of Central Lancashire	United Kingdom
5.	Dewie Saktia Ardiantono S.T., M.T.	Hanken School of Economics	Finland
		City University of Hong Kong	Hong Kong
6.	Gita Widi Bhawika S.ST., M.MT.	Ho Chi Minh City Open University	Viet Nam
7.	Imam Baihaqi S.T., M.Sc., Ph.D.	University of Leicester	United Kingdom
8.	Ir.Janti Gunawan MEngSc., MComB., Ph.D.	Aalborg University	Denmark
		University of Kurdistan Hewlêr	Iraq
9.	Muhammad Saiful Hakim S.E., M.M., Ph.D.	Hanken School of Economics	Finland
10.	Mushonnifun Faiz Sugihartanto S.T., M.Sc.	Aalto University	Finland
		Hanken School of Economics	Finland
		KTH Royal Institute of Technology	Sweden
11.	Ninditya Nareswari S.M., M.Sc.	Vilnius University	Lithuania
12.	Sri Yuyu Ninglasari S.E., M.SEI.	University of Aberdeen	United Kingdom
13.	Dr.Arfan Fahmi S.S., M.Pd.	City University of Hong Kong	Hong Kong
14.	Dr.Choirul Mahfud S.Pd.I., M.Pd.I.	Nanjing Normal University	China
		German Institute for Development (DIE)	Germany
		University of Jambi	India
		University of Rome La Sapienza	Italy
15.	Muhammad Ubaidillah Al Mustofa B.Sc., M.SEI.	City University of Hong Kong	Hong Kong
		Birmingham Business School	United Kingdom
		Sanaa University	Yemen
16.		Ain Shams University	Egypt

No	Nama	Nama Perguruan Tinggi	Universitas
	Ratna Rintaningrum S.S., M.ED., Ph.D.	King Khalid University	Saudi Arabia
		University of Novi Sad	Serbia
		University of Oviedo	Spain
		University of Khartoum	Sudan

**Daftar Kerjasama Perguruan Tinggi Luar Negeri Eksisting
Fakultas Sains Dan Analitika Data**

No	Nama	Nama Perguruan Tinggi	Universitas
1.	Wawan Hafid Syaifudin S.Si., M.Si.	Victoria University of Wellington	New Zealand
2.	Aunurohim S.Si., DEA.	University of Vienna	Austria
3.	Dr. Dra.Dian Saptarini M.Sc.	University of Vienna	Austria
4.	Dr.rer.nat.Arif Luqman S.Si., M.T.	Universidad de Buenos Aires	Argentina
		Consejo Nacional de Investigaciones Científicas y Técnicas	Argentina
		Ciudad Autónoma de Buenos Aires	Argentina
		FCEyN-UBA	Argentina
		IQUIBICEN-CONICET	Argentina
		Aarhus University	Denmark
		University of Gothenburg	Sweden
Nguyen Tat Thanh University	Viet Nam		
5.	Dr.Wirdhatul Muslihatin S.Si., M.Si.	Ghent University	Belgium
6.	Farid Kamal Muzaki S.Si., M.Si.	University of Vienna	Austria
7.	Iska Desmawati S.Si., M.Si.	Kathmandu University	Nepal
8.	Prof. Dr. Dra.Enny Zulaika M.P.	University of Vienna	Austria
		Université libre de Bruxelles	Belgium
9.	Prof. Dr.Dewi Hidayati S.Si., M.Si.	Consejo Nacional de Investigaciones Científicas y Técnicas	Argentina
		Universidad de Buenos Aires	Argentina
10.	Prof. Dr.Nurul Jadid S.Si., M.Sc.	Ghent University	Belgium
11.	Triono Bagus Saputro Ph.D.	Palacký University Olomouc	Czech Republic
12.	Dr. Dra.Melania Suweni Muntini M.T.	University of Luxembourg	Luxembourg
		Center for Innovative Materials and Architectures	Viet Nam
		Vietnam National University Ho Chi Minh City	Viet Nam
13.	Dr.Lila Yuwana S.Si., M.Si.	University of Sulaimani	Iraq
		University of Luxembourg	Luxembourg
14.	Dr.Sungkono S.Si., M.Si.	Cairo University	Egypt
15.	Iim Fatimah S.Si., M.Si.	University of Luxembourg	Luxembourg
16.	Malik Anjelh Baqiya S.Si., M.Si.,Ph.D.	University of Zurich	Switzerland

No	Nama	Nama Perguruan Tinggi	Universitas
17.	Prof. Dr.Darminto M.Sc.	Czech Technical University in Prague	Czech Republic
		University of Basrah	Iraq
18.	Prof. Endarko M.Si., Ph.D.	Bulgarian Academy of Science (SRTI-BAS)	Bulgaria
19.	Saifuddin S.Si., M.Sc., Ph.D.	Cairo University	Egypt
20.	Arif Fadlan S.Si., M.Si., D.Sc	Complutense University	Spain
21.	Dr.Kartika Anoraga Madurani S.Si., M.Si.	Université Laval	Canada
		St. Petersburg State University	Russian Federation
22.	Prof. Adi Setyo Purnomo S.Si., M.Sc., Ph.D.	Université de Sherbrooke	Canada
		University of Hassan II Casablanca	Morocco
		Ibn Zohr University	Morocco
23.	Prof. Dr.Didik Prasetyoko S.Si., M.Sc.	Université de Sherbrooke	Canada
		Universidad de Tarapacá	Chile
		Ibn Zohr University	Morocco
		University of Hassan II Casablanca	Morocco
		Wayamba University of Sri Lanka	Sri Lanka
		Nguyen Tat Thanh University	Viet Nam
24.	Prof. Dr.Surya Rosa Putra MS.	Université de Sherbrooke	Canada
		University of Hassan II Casablanca	Morocco
25.	Prof. Dr.Taslim Ersam	University of Graz	Austria
26.	Prof. Dra.Ratna Edianti MS., Ph.D.	Gh. Asachi Technical University	Romania
27.	Prof. Hamzah Fansuri S.Si., M.Si., Ph.D.	Sohar University	Oman
		Gh. Asachi Technical University	Romania
28.	Prof. Nurul Widiastuti S.Si., M.Si., Ph.D.	Université de Sherbrooke	Canada
29.	Prof.Suprpto S.Si., M.Si., Ph.D.	Universidad de Tarapacá	Chile
		Nguyen Tat Thanh University	Viet Nam
30.	Wahyu Prasetyo Utomo S.Si., M.S., Ph.D.	Macau University of Science and Technology	Macao
31.	Dr.Dieky Adzkiya S.Si., M.Si.	Universidade Tecnológica Federal do Paraná	Brazil
32.	Dr.Kistosil Fahim S.Si., M.Si.	Chair of Applied Mathematics Montanuniversität Leoben	Austria
		University of Leoben	Austria
		Department of Mathematics and Informationtechnology Montanuniversitaet	Austria

No	Nama	Nama Perguruan Tinggi	Universitas
		University of Leoben	Austria
		University of Sri Jayewardenepura	Sri Lanka
		Chalmers University of Technology	Sweden
33.	Dr.Tahiyatul Asfihani S.Si., M.Si.	Norwegian University of Science and Technology	Norway
34.	Drs.Nurul Hidayat M.IKom.	Helmand University	Afghanistan
		Ibb University	Yemen
35.	Endah Rokhmati Merdika Putri S.Si., M.T., Ph.D.	University of Southern Denmark	Denmark
		Norwegian University of Science and Technology	Norway
36.	Muhammad Syifa"ul Mufid S.Si., M.Si., Ph.D.	János Selye University	Slovakia
37.	Prof. Dr. Drs.Chairul Imron MI.Komp.	Linnaeus University	Sweden
38.	Prof. Dr.Subiono M.Sc.	Lebanese International University	Lebanon
39.	Prof. Subchan S.Si., M.Sc., Ph.D.	Norwegian University of Science and Technology	Norway
40.	Sena Safarina S.Si., M.Sc., D.Sc.	The Swedish Forestry Research Institute (Skogforsk)	Sweden
41.	Dr. Dra.Kartika Fithriasari M.Si.	Jaume I University	Spain
42.	Dr.Achmad Choiruddin S.Si., M.Sc.	Université du Québec à Montréal	Canada
		Aalborg University	Denmark
		Escuela Superior Politécnica de Chimborazo	Ecuador
		Jaume I University	Spain
		University of Granada	Spain
43.	Dr.Muhammad Sjahid Akbar S.Si., M.Si.	Royal University of Phnom Penh	Cambodia
44.	Dr.rer.pol.Dedy Dwi Prastyo S.Si., M.Si.	Kabul University	Afghanistan
		University of Hassan II Casablanca	Morocco
		IHE Delft Institute for Water Education	Netherlands
45.	Dr.Santi Wulan Purnami S.Si., M.Si.	University of Liege	Belgium
46.	Jerry Dwi Trijoyo Purnomo S.Si., M.Si., Ph.D.	Sultan Qaboos University	Oman
47.	Prof. Dr. rer. pol.Heri Kuswanto S.Si., M.Si.	University of Lapland	Finland
		Nong Lam University	Viet Nam
48.	Prof. Dr.Bambang Widjanarko Otok S.Si., M.Si.	Sultan Qaboos University	Oman
49.	Prof. Ts. Dr.Muhammad Hisyam Lee	Universidade Federal da Bahia	Brazil
		Zagazig University	Egypt

No	Nama	Nama Perguruan Tinggi	Universitas
		Tampere University	Finland
		Nawroz University	Iraq
		University of Mosul	Iraq
50.	Shofi Andari S.Stat., M.Si.	University of Liege	Belgium

**Daftar Kerjasama Perguruan Tinggi Luar Negeri Eksisting
Fakultas Teknik Sipil, Perencanaan, Dan Kebumihan**

No	Nama	Nama Perguruan Tinggi	Universitas
1.	Adinda Sih Pinasti Retno Utami S.T., M.T.	University of Vienna	Austria
2.	Kirami Bararatin S.T., M.T.	University of Vienna	Austria
3.	Setyo Nugroho S.T., M.T., Ph.D	The University of Auckland	New Zealand
4.	Prof. Dr. Ir.Eko Budi Santoso Lic.rer.reg.	Samarkand State Medical University	Uzbekistan
		Tashkent Chemical-Technological Institute	Uzbekistan
5.	Rulli Pratiwi Setiawan S.T., M.Sc., Ph.D.	Ministry of Home Affairs	Nepal
6.	Dr.Dwa Desa Warnana S.Si., M.Si.	Cairo University	Egypt
		ETH Zürich	Switzerland
7.	Firman Syaifuddin S.Si., M.T.	ETH Zürich	Switzerland
8.	Juan Pandu Gya Nur Rochman S.Si., M.T.	Cairo University	Egypt
9.	Mariyanto S.Si., M.T.	ETH Zürich	Switzerland
10.	Wien Lestari S.T., M.T.	Adekunle Ajasin University, Akungba	Nigeria
11.	Dr.-Ing.Noorlaila Hayati S.T., M.T.	University of Tehran	Iran, Islamic Republic of
		Jomo Kenyatta University of Agriculture and Technology	Kenya
12.	Ira Mutiara Anjasmara S.T., M.Phil., Ph.D.	Benha University	Egypt
		National Research Institute of Astronomy and Geophysics	Egypt
		GNS Science	New Zealand
		Omdurman Islamic University	Sudan
13.	Prof. Dr. Ir.Bangun Muljo Sukojo DEA.DESS	Gaza University	Palestine, State of
14.	Prof. Ir.Lalu Muhamad Jaelani S.T., M.Sc., Ph.D.	University of Tehran	Iran, Islamic Republic of
15.	Prof. Mokhammad Nur Cahyadi S.T., M.Sc., Ph.D.	Bulgarian Academy of Science (SRTI-BAS)	Bulgaria
		GNS Science	New Zealand

No	Nama	Nama Perguruan Tinggi	Universitas
		University of Bern	Switzerland
16.	Prof.Dr.Eko Yuli Handoko S.T., M.T.	GNS Science	New Zealand
17.	Adhi Yuniarto S.T., M.T., Ph.D.	Universidad Tecnológica Equinoccial	Ecuador
		Damanhour University	Egypt
		Aguas da Região de Maputo (AdeM)	Mozambique
		Fundo de Investimento e Património do Abastecimento de Água (FIPAG)	Mozambique
18.	Ainul Firdatun Nisaa S.T., M.Sc.	Swiss Federal Institute of Aquatic Science and Technology	Switzerland
19.	Alfan Purnomo S.T., M.T.	Aguas da Região de Maputo (AdeM)	Mozambique
		Fundo de Investimento e Património do Abastecimento de Água (FIPAG)	Mozambique
20.	Dr. Ir.Agus Slamet M.Sc.	University of Porto	Portugal
21.	Ipung Fitri Purwanti S.T., M.T., Ph.D.	Czech Academy of Sciences	Czech Republic
		University of Baghdad	Iraq
		University of Basrah	Iraq
		University of Zawia	Libya
22.	Ir.Bowo Djoko Marsono M.Eng	Aguas da Região de Maputo (AdeM)	Mozambique
		Fundo de Investimento e Património do Abastecimento de Água (FIPAG)	Mozambique
23.	Prof. Bieby Voijant Tangahu S.T., M.T., Ph.D.	University of Liberia	Liberia
24.	Prof. Dr. Ir.Sarwoko Mangkoedihardjo M.Sc.ES.	University of Liberia	Liberia
25.	Prof. I D A A Warmadewanthi S.T., M.T., Ph.D.	Bulgarian Academy of Science (SRTI-BAS)	Bulgaria
26.	Prof. Ir.Eddy Setiadi Soedjono Dipl.SE., M.Sc., Ph.D.	University of Vienna	Austria
		Czech Academy of Sciences	Czech Republic
		University of Porto	Portugal

No	Nama	Nama Perguruan Tinggi	Universitas
27.	Ahmad Basshofi Habieb S.T., M.T., M.Sc., Ph.D.	Paragon International University	Cambodia
28.	Bambang Piscesa S.T., M.T., Ph.D.	BandG Consultant	Qatar
29.	Dr.Christiono Utomo S.T., M.T.	Al-Azhar University	Egypt
30.	Dr.Eng.Januarti Jaya Ekaputri S.T., M.T.	University of Vienna	Austria
31.	Dr.Wahyuniarsih Sutrisno S.T., M.T.	Paragon International University	Cambodia
32.	Ir.Faimun M.Sc., Ph.D.	BandG Consultant	Qatar
33.	Ir. Dr.Arina Hayati S.T., M.T.	University of Vienna	Austria

**Daftar Kerjasama Perguruan Tinggi Luar Negeri Eksisting
Fakultas Teknologi Industri Dan Rekayasa Sistem**

No	Nama	Nama Perguruan Tinggi	Universitas
1.	Dr.-Ing.Doty Dewi Risanti S.T., M.T.	Hashemite University	Jordan
		Jordan Atomic Energy Commission	Jordan
		Korea Institute of Science and Technology	Korea, Republic of
		Pohang University of Science and Technology	Korea, Republic of
		University of Science and Technology UST	Korea, Republic of
2.	Dr.Lizda Johar Mawarani S.T., M.T.	Hashemite University	Jordan
3.	Dr.rer.nat. Ir.Aulia Muhammad Taufiq Nasution M.Sc.	Academy of Scientific and Innovative Research	India
		CSIR - Central Scientific Instruments Organisation	India
		CSIR - National Chemical Laboratory	India
		Jordan Atomic Energy Commission	Jordan
		Korea Institute of Science and Technology	Korea, Republic of
		Pohang University of Science and Technology	Korea, Republic of
		University of Science and Technology UST	Korea, Republic of
4.	Dr.rer.nat.Ruri Agung Wahyuono S.T., M.T.	Aalto University	Finland
		University of Oulu	Finland
		Université Grenoble Alpes	France
		Yonsei University	Korea, Republic of
		Swiss Federal Institute of Technology Lausanne	Switzerland
5.	Prof. Agus Muhamad Hatta S.T., M.Si., Ph.D.	JaiNarain Vyas University	India
		LNM Institute Of Information Technology	India
		Yonsei University	Korea, Republic of

No	Nama	Nama Perguruan Tinggi	Universitas
6.	Prof. Dr. Ir.Ali Musyafa M.Sc.	Jordan Atomic Energy Commission	Jordan
		Korea Institute of Science and Technology	Korea, Republic of
		Pohang University of Science and Technology	Korea, Republic of
		University of Science and Technology UST	Korea, Republic of
7.	Prof. Dr. Ir.Aulia Siti Aisjah M.T.	Jain University	India
8.	Prof. Gunawan Nugroho S.T., M.T., Ph.D.	Jain University	India
		Jordan Atomic Energy Commission	Jordan
		Korea Institute of Science and Technology	Korea, Republic of
		Pohang University of Science and Technology	Korea, Republic of
		University of Science and Technology UST	Korea, Republic of
9.	Prof. Totok Ruki Biyanto S.T., M.T., Ph.D.	Jain University	India
		Jordan Atomic Energy Commission	Jordan
		Nazarbayev University	Kazakhstan
		Korea Institute of Science and Technology	Korea, Republic of
		Pohang University of Science and Technology	Korea, Republic of
		University of Science and Technology UST	Korea, Republic of
10.	Prof. Dr. Ir.Achmad Roesyadi M.Sc.	University of Jambi	India
11.	Prof. Dr. Ir.Mahfud DEA	JECRC University	India
		University of Benin	Nigeria
12.	Prof. Ir.Renanto M.Sc., Ph.D.	Anna University	India
13.	Alvian Toto Wibisono S.T., M.T., Ph.D.	University of Waterloo	Canada
		Auckland University of Technology	New Zealand
		Gdansk University of Technology	Poland
14.	Diah Susanti S.T., M.T., Ph.D.	Ministry of Science and Technology, India	India
		University of Jambi	India
		Bharathidasan University	India
		Chettinad Academy of Research & Education	India
15.	Muhammad Bagas Ananda S.T., M.T.	PORT Polish Center for Technology Development	Poland
16.	Prof. Dr.Agung Purniawan S.T., M.Eng.	Bulgarian Academy of Science (SRTI-BAS)	Bulgaria

No	Nama	Nama Perguruan Tinggi	Universitas
17.	Achmad Syaifudin S.T., M.Eng., Ph.D.	Bharati Vidyapeeth University	India
18.	Ari Kurniawan Saputra S.T., M.T.	Faculty of Automobile Engineering	Cambodia
		Kumoh National Institute of Technology	Korea, Republic of
19.	Dr. Ir.Atok Setiyawan M.Eng.Sc.	University of Jambi	India
20.	Dr.Eng.Unggul Wasiwitono S.T., M.Eng.Sc.	Faculty of Automobile Engineering	Cambodia
		Kumoh National Institute of Technology	Korea, Republic of
21.	Dr.Latifah Nurahmi S.T., M.Sc.	University of Innsbruck	Austria
		Faculty of Automobile Engineering	Cambodia
		CSIR - Central Scientific Instruments Organisation	India
		Vellore Institute of Technology	India
		Kumoh National Institute of Technology	Korea, Republic of
22.	Ika Dewi Wijayanti S.T., M.Sc., Ph.D.	RAS - Institute of Problems of Chemical Physics	Russian Federation
23.	Moch. Solichin S.T., M.T., Ph.D.	LG Corporation	Korea, Republic of
		Pusan National University	Korea, Republic of
24.	Mohammad Khoirul Effendi S.T., M.Sc.Eng., Ph.D.	Jawaharlal Nehru Technological University Hyderabad	India
25.	Prof. Dr. Ir.Prabowo M.Eng.	Higher College of Technology	Oman
		South Ural State University	Russian Federation
26.	Prof. Dr.Bambang Sudarmanta S.T., M.T.	Jawaharlal Nehru Technological University Hyderabad	India
		University of Jambi	India
27.	Prof. Ir.Bambang Pramujati S.T., M.Sc.Eng., Ph.D.	Faculty of Automobile Engineering	Cambodia
		Kumoh National Institute of Technology	Korea, Republic of
28.	Prof. Suwarno S.T., M.Sc., Ph.D.	Université du Québec à Trois-Rivières	Canada
		University of Split	Croatia
		Korea Institute of Science and Technology	Korea, Republic of
		Mohammed V University in Rabat	Morocco
		Higher College of Technology	Oman
		University of Warsaw	Poland
		Military University of Technology Warsaw	Poland

No	Nama	Nama Perguruan Tinggi	Universitas
		RAS - Institute of Problems of Chemical Physics	Russian Federation
		South Ural State University	Russian Federation
		Universidad Autónoma de Madrid	Spain
		National Academy of Sciences of Ukraine	Ukraine
29.	Tri Vicca Kusumadewi S.T., M.Sc.	Raghu Engineering College	India
30.	Dr.Orchidea Rachmaniah S.T., M.T.	Kyung Hee University	Korea, Republic of
31.	Prof. Dr. Eng.Siti Machmudah S.T., M.Eng.	Universidad Autonoma de Nuevo Leon	Mexico
32.	Effi Latiffianti S.T., M.Sc., Ph.D.	Instituto Federal de Educação, Ciência e Tecnologia de Santa Catarina	Brazil
		Wind Energy Institute of Canada	Canada
		Electric Power Research Institute (EPRI) Europe	Ireland
		Eastern Switzerland University of Applied Sciences	Switzerland
33.	Prof. Ir.I Nyoman Sutantra M.Sc., Ph.D.	Jeonbuk National University	Korea, Republic of
34.	Prof. Dr. Ir.Udisubakti Ciptomulyono M.Eng.Sc.	Vilnius University	Lithuania
		University of Szczecin	Poland
35.	Prof. Ir.I Nyoman Pujawan M.Eng., Ph.D., CSCP	University of Cyprus	Cyprus
		Gujarat University	India
36.	Prof. Ir.Moses Laksono Singgih M.Sc., Ph.D.	The Indonesian Researcher Association in South Korea (APIK)	Korea, Republic of
37.	Prof. Iwan Vanany S.T., M.T., Ph.D.	National Meanchey University	Cambodia
		Jamia Millia Islamia	India
		National University of Laos	Lao People's Democratic Republic

**Daftar Kerjasama Perguruan Tinggi Luar Negeri Eksisting
Fakultas Teknologi Elektro Dan Informatika Cerdas**

No	Nama	Nama Perguruan Tinggi	Universitas
1.	Arif Wibisono S.Kom., M.Sc., Ph.D	Dublin City University	Ireland
		University College Cork	Ireland
		University of Limerick	Ireland
2.	Prof. Erma Suryani S.T., M.T., Ph.D.	Dr. A.P.J. Abdul Kalam Technical University	India
		Motilal Nehru National Institute of Technology	India
		National Institute of Technology Agartala	India

No	Nama	Nama Perguruan Tinggi	Universitas
		Quantum University	India
		Raja Balwant Singh Engineering Technical Campus	India
		Bennett University	India
		RBS Engineering Technical Campus	India
		University of Mauritius	Mauritius
3.	Prof. Ir.Arif Djunaidy M.Sc., Ph.D.	Trinity College Dublin	Ireland
4.	Prof. Mahendrawathi ER. S.T., M.Sc., Ph.D.	Hankuk University of Foreign Studies	Korea, Republic of
5.	Raras Tyasnurita S.Kom., M.BA	TD Bank Group	Canada
6.	Reny Nadlifatin S.Kom., MBA., Ph.D.	Pukyong National University	Korea, Republic of
		Gollis University	Somalia
7.	Retno Aulia Vinarti S.Kom., M.Kom., Ph.D.	All India Institute of Speech and Hearing, Mysore	India
		Foundation for Research and Advocacy in Mental Health	India
		National Institute of Mental Health and Neurosciences	India
		Global Brain Health Institute	Ireland
		Royal College of Surgeons in Ireland	Ireland
		Institute of public health in Ireland	Ireland
		Trinity College Dublin	Ireland
8.	Rully Agus Hendrawan S.Kom., M.Eng.	University of Luxembourg	Luxembourg
9.	Prof. Dr.Tri Arief Sardjono S.T., M.T.	Polytechnic University of Valencia	Spain
10.	Daniar Fahmi S.T., M.T., PhD.	Jordan University of Science and Technology	Jordan
		Idu Industrial Layout	Nigeria
11.	Dr. Ir.Hendra Kusuma M.Eng.Sc.	Polytechnic University of Valencia	Spain
12.	Dr.Eng.Ardyono Priyadi S.T., M.Eng.	Institución Universitaria Politécnico Grancolombiano	Colombia
		Universidad de los Andes Colombia	Colombia
		Institución Universitaria Politécnico Grancolombiano	Colombia
		Universidad de los Andes Colombia	Colombia
13.	Feby Agung Pamuji S.T., M.T., Ph.D.	Jawaharlal Nehru Technological University Hyderabad	India
14.	Mohamad Abdul Hady S.T., M.T.	International Institute of Information Technology Hyderabad	India

No	Nama	Nama Perguruan Tinggi	Universitas
		Swiss Federal Laboratories for Materials Science and Technology (Empa)	Switzerland
15.	Prof. Dr. Ir.Achmad Jazidie M.Eng.	Centre national de recherche scientifique et technologique, Burkina Faso	Burkina Faso
16.	Prof. Dr. Ir.Adi Soeprijanto M.T.	Kangwon National University	Korea, Republic of
17.	Prof. Dr. Ir.Mochamad Ashari M.Eng.	Polytechnic Palestine University	Palestine, State of
		Polytechnic University of Catalonia	Spain
18.	Prof. Dr. Ir.Soedibyo MMT.	Polytechnic Palestine University	Palestine, State of
19.	Prof. Heri Suryoatmojo S.T., M.T., Ph.D.	Polytechnic University of Catalonia	Spain
20.	Prof. Ir.Gamantyo Hendrantoro M.Eng., Ph.D.	Chung-Ang University	Korea, Republic of
21.	Dr.Agus Budi Raharjo S.Kom., M.Kom.	Bulgarian Academy of Science (SRTI-BAS)	Bulgaria
22.	Dr.Kelly Rossa Sungkono	Ilearning Incorporation	Colombia
23.	Ir.Adhatus Solichah Ahmadiyah S.Kom., M.Sc.	ETH Zürich	Switzerland
24.	Prof. Dr. Ir.Diana Purwitasari S.Kom., M.Sc.	Innopolis University	Russian Federation
25.	Prof. Drs. Ec. Ir.Riyanarto Sarno M.Sc., Ph.D.	Ilearning Incorporation	Colombia
26.	Royana Muslim Ijtihadie S.Kom., M.Kom., Ph.D.	NSR International for Information Technology	Libya
27.	Christyowidiasmoro S.T., M.T.	INESC-ID	Portugal
		University of Lisbon	Portugal
		University Politehnica of Bucharest	Romania
28.	Dion Hayu Fandiantoro S.T., M.Eng.	Pukyong National University	Korea, Republic of
29.	Dr.Ahmad Zaini S.T., M.T.	Al-Quds Open University	Palestine, State of
30.	Dr.Arief Kurniawan S.T., M.T.	Al-Quds Open University	Palestine, State of
31.	Dr.Eko Mulyanto Yuniarno S.T., M.T.	Al-Quds Open University	Palestine, State of
32.	Prof. Dr. Ir.Mauridhi Hery Purnomo M.Eng.	Institución Universitaria Politécnico Grancolombiano	Colombia
		Universidad de los Andes Colombia	Colombia
		Cracow University of Technology	Poland
33.	Dr.techn.Prasetyono Hari Mukti S.T., M.T.	Graz University of Technology	Austria
34.	Prof. Eko Setijadi S.T., M.T., Ph.D.	Graz University of Technology	Austria
		Instituto Federal de São Paulo	Brazil

No	Nama	Nama Perguruan Tinggi	Universitas
		Universidade de São Paulo	Brazil
		Laboratorio Maxwell de Micro-ondas e Electromagnetismo Aplicado IFSP	Brazil
		Aswan University	Egypt
		Al-Quds Open University	Palestine, State of
35.	Prof. Tohari Ahmad S.Kom., MIT., Ph.D.	Yeungnam University	Korea, Republic of
		NSR International for Information Technology	Libya

**Daftar Kerjasama Perguruan Tinggi Luar Negeri Eksisting
Fakultas Teknologi Kelautan**

No	Nama	Nama Perguruan Tinggi	Universitas
1.	Silvianita S.T., M.Sc., Ph.D.	Qatar University	Qatar
2.	Dr.Ir.,Hasanudin S.T., M.T.	University of Szczecin	Poland
3.	Ir.Ardi Nugroho Yulianto S.T., M.T., Ph.D.	University of Szczecin	Poland
4.	Prof. Ir.Achmad Zubaydi M.Eng., Ph.D.	University of Zilina	Slovakia
5.	Dr.Achmad Baidowi S.T., M.T.	University of Szczecin	Poland
6.	Prof. Semin S.T., M.T., Ph.D.	Czech Technical University in Prague	Czech Republic
		Manipal Academy of Higher Education	India
7.	Christino Boyke Surya Permana S.T., M.T., Ph.D.	The University of Auckland	New Zealand
8.	Dika Virginia Devintasari S.Si., M.Sc.	The University of Auckland	New Zealand
9.	Eka Wahyu Ardhi S.T., M.T.	The University of Auckland	New Zealand
10.	Firmanto Hadi S.T., M.Sc.	The University of Auckland	New Zealand
11.	Siti Dwi Lazuardi S.T., M.Sc.	The University of Auckland	New Zealand

**Daftar Kerjasama Perguruan Tinggi Luar Negeri Eksisting
Fakultas Vokasi**

No	Nama	Nama Perguruan Tinggi	Universitas
1.	Andri Ashfahani S.T., M.Sc.	Dkbms	Austria
		Johannes Kepler University Linz	Austria
		Universidade de São Paulo	Brazil
		Indian Institute of Science Bangalore	India
2.	Ciptian Weried Priandana S.ST., M.T.	Skikda University	Algeria
3.	Prof. Ridho Bayu Aji S.T., M.T., Ph.D.	Czestochowa University of Technology	Poland

No	Nama	Nama Perguruan Tinggi	Universitas
4.	Fitri Adi Iskandarianto S.T., M.T.	Laboratorio Maxwell de Micro-ondas e Electromagnetismo Aplicado IFSP	Brazil
		Gurukula Kangri Vishwavidyalaya	India
5.	Dr.Atria Pradityana S.T., M.T.	Al-Ayen University	Iraq
		Mohamed I University	Morocco
		Rivers State University of Science and Technology	Nigeria
		National University of Uzbekistan named after Mirzo Ulugbek	Uzbekistan
		New Uzbekistan University	Uzbekistan
6.	Muhammad Lukman Hakim S.T., M.T.	Inha University	Korea, Republic of
7.	Dr. Eng.Achmad Dwitama Karisma S.T., M.T.	AGH University of Krakow	Poland
8.	Dr. Eng.Eva Oktavia Ningrum S.T., M.S.	AGH University of Krakow	Poland
9.	Dr.Lailatul Qomariyah S.T.	Saveetha Institute of Medical and Technical Sciences (Deemed to be University)	India
		Alex Ekwueme Federal University Ndufu-Alike Ikwo	Nigeria
10.	Ir.Elly Agustiani M.Eng.	AGH University of Krakow	Poland
11.	Prof. Dr. Ir.Danawati Hari Prajitno M.Sc.	University of Jambi	India
12.	Prof. Dr. Ir.Suprpto DEA.	AGH University of Krakow	Poland

**Daftar Kerjasama Perguruan Tinggi Luar Negeri Eksisting
Fakultas Kedokteran Dan Kesehatan**

No	Nama	Nama Perguruan Tinggi	Universitas
1.	Dr.Dhany Arifianto S.T., M.Eng.	University of Limerick	Ireland
		Yonsei University	Korea, Republic of
		University of Bern	Switzerland
2.	dr.Sakina M.Si.	Erasmus Medical Center	Netherlands
		University of Groningen	Netherlands
		Birmingham City University	United Kingdom

D. NEGARA MITRA PRIORITAS - RESEARCH COLLABORATIONS TIPE B

1. FDKBD

Afrika	Eropa	Amerika	Oseania	Asia
<ul style="list-style-type: none"> • Algeria • Angola • Benin • Botswana • Burkina Faso • Burundi • Cabo Verde • Cameroon • Central African Republic • Chad • Comoros • Congo • Côte d'Ivoire • Djibouti • Equatorial Guinea • Eritrea • Eswatini • Ethiopia • Gabon • Gambia • Ghana • Guinea-Bissau • Kenya • Lesotho • Liberia • Libya • Madagascar • Malawi • Mali • Mauritania • Mauritius • Morocco • Mozambique • Namibia • Niger • Nigeria • Rwanda • Senegal • Seychelles • Sierra Leone • Somalia • South Africa • South Sudan • Tanzania • Togo • Tunisia • Uganda • Zambia • Zimbabwe 	<ul style="list-style-type: none"> • Albania • Andorra • Austria • Belarus • Belgium • Bosnia and Herzegovina • Bulgaria • Croatia • Czechia • Estonia • France • Greece • Hungary • Iceland • Ireland • Kosovo • Latvia • Liechtenstein • Luxembourg • Malta • Moldova • Monaco • Montenegro • Netherlands • North Macedonia • Norway • Poland • Portugal • Romania • Russia • San Marino • Slovakia • Slovenia • Switzerland • Ukraine • Vatican City 	<ul style="list-style-type: none"> • Antigua and Barbuda • Argentina • Bahamas • Barbados • Belize • Bolivia • Brazil • Canada • Chile • Colombia • Costa Rica • Cuba • Dominica • Dominican Republic • Ecuador • El Salvador • Grenada • Guatemala • Guyana • Haiti • Honduras • Jamaica • Mexico • Nicaragua • Panama • Paraguay • Peru • Saint Kitts and Nevis • Saint Lucia • Saint Vincent and the Grenadines • Suriname • Trinidad and Tobago • United States • Uruguay • Venezuela 	<ul style="list-style-type: none"> • Australia • Fiji • Kiribati • Marshall Islands • Micronesia (Federated States of) • Nauru • New Zealand • Palau • Papua New Guinea • Samoa • Solomon Islands • Tonga • Tuvalu • Vanuatu 	<ul style="list-style-type: none"> • Afghanistan • Armenia • Azerbaijan • Bahrain • Bangladesh • Bhutan • Brunei Darussalam • Cambodia • Cyprus • Georgia • Iran • Jordan • Kazakhstan • Kuwait • Kyrgyzstan • Laos • Lebanon • Maldives • Mongolia • Myanmar • Nepal • North Korea • Palestine • Philippines • Qatar • South Korea • Sri Lanka • Syria • Tajikistan • Timor-Leste • Turkey • Turkmenistan • United Arab Emirates • Uzbekistan

2. FTEIC

Afrika	Eropa	Amerika	Oseania	Asia
Algeria	Albania	Antigua and Barbuda	Fiji	Afghanistan
Angola	Andorra	Argentina	Kiribati	Armenia
Benin	Belarus	Bahamas	Marshall Islands	Azerbaijan
Botswana	Bosnia and Herzegovina	Barbados	Micronesia (Federated States of)	Bahrain
Burundi	Croatia	Belize	Nauru	Bhutan
Cameroon	Czechia	Bolivia (Plurinational State of)	New Zealand	Cambodia
Cape Verde	Finland	Chile	Palau	Cyprus
Central African Republic	Greece	Costa Rica	Papua New Guinea	Georgia
Chad	Iceland	Cuba	Samoa	Iran (Islamic Republic of)
Comoros	Latvia	Dominica	Solomon Islands	Iraq
Congo	Liechtenstein	Dominican Republic	Tonga	Kazakhstan
Congo, Democratic Republic of the	Lithuania	Ecuador	Tuvalu	Kuwait
Djibouti	Malta	El Salvador	Vanuatu	Kyrgyzstan
Equatorial Guinea	Monaco	Grenada		Lao People's Democratic Republic
Eritrea	Montenegro	Guatemala		Lebanon
Eswatini	North Macedonia	Guyana		Maldives
Gabon	San Marino	Haiti		Mongolia
Gambia	Serbia	Honduras		Myanmar
Ghana	Slovakia	Jamaica		Nepal
Guinea	Slovenia	Mexico		North Korea (Democratic People's Republic of)
Guinea-Bissau	Ukraine	Nicaragua		Oman
Kenya		Panama		Qatar
Lesotho		Paraguay		Sri Lanka
Liberia		Peru		Syrian Arab Republic
Madagascar		Saint Kitts and Nevis		Tajikistan
Malawi		Saint Lucia		Timor-Leste
Mali		Saint Vincent and the Grenadines		Turkmenistan
Morocco		Suriname		Uzbekistan
Mozambique		Trinidad and Tobago		Yemen
Namibia		Uruguay		
Niger		Venezuela		
Rwanda				
Sao Tome and Principe				
Senegal				
Seychelles				
Sierra Leone				
Sudan				
Tanzania, United Republic of				
Togo				
Tunisia				
Uganda				
Zambia				
Zimbabwe				

3. FSAD

Afrika	Eropa	Amerika	Oseania	Asia
Algeria	Albania	Antigua and Barbuda	Fiji	Armenia
Angola	Andorra	Barbados	Kiribati	Azerbaijan
Benin	Belarus	Bahamas	Marshall Islands	Bahrain
Botswana	Bosnia and Herzegovina	Barbados	Micronesia (Federated States of)	Bhutan
Burkina Faso	Croatia	Belize	Nauru	Cyprus
Burundi	Greece	Bolivia (Plurinational State of)	Palau	Georgia
Cabo Verde	Iceland	Colombia	Papua New Guinea	India
Cameroon	Ireland	Costa Rica	Samoa	Jordan
Central African Republic	Latvia	Cuba	Solomon Islands	Kazakhstan
Chad	Liechtenstein	Dominica	Tonga	Kuwait
Comoros	Lithuania	Dominican Republic	Tuvalu	Kyrgyzstan
Congo	Malta	El Salvador	Vanuatu	Lao People's Democratic Republic
Congo, Democratic Republic of the	Moldova, Republic of	Grenada		Maldives
Djibouti	Monaco	Guatemala		Mongolia
Equatorial Guinea	Montenegro	Guyana		Myanmar
Eritrea	North Macedonia	Haiti		North Korea (Democratic People's Republic of)
Eswatini	Portugal	Honduras		Pakistan
Ethiopia	San Marino	Jamaica		Palestine
Gabon	Serbia	Mexico		Qatar
Gambia	Slovenia	Nicaragua		Syria (Syrian Arab Republic)
Ghana	Sweden	Panama		Tajikistan
Guinea	Ukraine	Paraguay		Timor-Leste
Guinea-Bissau	Vatican City (Holy See)	Peru		Turkmenistan
Ivory Coast (Côte d'Ivoire)		Saint Kitts and Nevis		Uzbekistan
Kenya		Saint Lucia		
Lesotho		Saint Vincent and the Grenadines		
Liberia		Suriname		
Madagascar		Trinidad and Tobago		
Malawi		Uruguay		
Mali		Venezuela		
Mauritania				
Mauritius				
Mozambique				
Namibia				
Niger				
Nigeria				
Sao Tome and Principe				
Senegal				
Seychelles				
Sierra Leone				
Somalia				
South Sudan				
Sudan				
Tanzania, United Republic of				
Togo				
Tunisia				
Uganda				
Zambia				
Zimbabwe				

4. FTK

Afrika	Eropa	Amerika	Oseania	Asia
Algeria	Albania	Antigua and Barbuda	Fiji	Afghanistan
Angola	Andorra	Argentina	Kiribati	Armenia
Benin	Austria	Bahamas	Marshall Islands	Azerbaijan
Botswana	Belarus	Barbados	Micronesia (Federated States of)	Bahrain
Burkina Faso	Bosnia and Herzegovina	Belize	Nauru	Bhutan
Burundi	Bulgaria	Bolivia (Plurinational State of)	Palau	Cambodia
Cabo Verde	Croatia	Brazil	Papua New Guinea	Cyprus
Cameroon	Finland	Chile	Samoa	Georgia
Central African Republic	Greece	Colombia	Solomon Islands	Jordan
Chad	Iceland	Costa Rica	Tonga	Kazakhstan
Comoros	Ireland	Cuba	Tuvalu	Kuwait
Congo	Latvia	Dominica	Vanuatu	Kyrgyzstan
Congo, Democratic Republic of the	Liechtenstein	Dominican Republic		Lao People's Democratic Republic
Djibouti	Lithuania	Ecuador		Lebanon
Egypt	Luxembourg	El Salvador		Macao
Equatorial Guinea	Malta	Grenada		Maldives
Eritrea	Moldova, Republic of	Guatemala		Mongolia
Eswatini	Monaco	Guyana		Myanmar
Gabon	Montenegro	Haiti		Nepal
Gambia	North Macedonia	Honduras		North Korea (Democratic People's Republic of)
Ghana	Portugal	Jamaica		Oman
Guinea	Romania	Mexico		Palestine
Guinea-Bissau	Russian Federation	Nicaragua		Sri Lanka
Ivory Coast (Côte d'Ivoire)	San Marino	Panama		Syrian Arab Republic
Kenya	Serbia	Paraguay		Tajikistan
Lesotho	Slovenia	Peru		Timor-Leste
Liberia	Spain	Saint Kitts and Nevis		Turkmenistan
Madagascar	Switzerland	Saint Lucia		Uzbekistan
Malawi	Ukraine	Saint Vincent and the Grenadines		
Mali	Vatican City (Holy See)	Suriname		
Mauritania		Trinidad and Tobago		
Mauritius		Uruguay		
Morocco		Venezuela		
Mozambique				
Namibia				
Niger				
Nigeria				
Sao Tome and Principe				
Senegal				
Seychelles				
Sierra Leone				
Somalia				
South Sudan				
Sudan				
Tanzania, United Republic of				
Togo				
Tunisia				
Uganda				
Zambia				
Zimbabwe				

5. FTIRS

Afrika	Eropa	Amerika	Oseania	Asia
Algeria	Albania	Antigua and Barbuda	Fiji	Afghanistan
Angola	Andorra	Argentina	Kiribati	Armenia
Benin	Belarus	Bahamas	Marshall Islands	Azerbaijan
Botswana	Bosnia and Herzegovina	Barbados	Micronesia (Federated States of)	Bahrain
Burkina Faso	Czech Republic	Belize	Nauru	Bhutan
Burundi	Greece	Bolivia (Plurinational State of)	Palau	Georgia
Cabo Verde	Iceland	Chile	Papua New Guinea	Iraq
Cameroon	Latvia	Colombia	Samoa	Kuwait
Central African Republic	Liechtenstein	Costa Rica	Solomon Islands	Kyrgyzstan
Chad	Luxembourg	Cuba	Tonga	Macao
Comoros	Malta	Dominica	Tuvalu	Maldives
Congo	Moldova, Republic of	Dominican Republic	Vanuatu	Mongolia
Congo, Democratic Republic of the	Monaco	Ecuador		Myanmar
Djibouti	Montenegro	El Salvador		Nepal
Egypt	North Macedonia	Grenada		North Korea (Democratic People's Republic of)
Equatorial Guinea	Portugal	Guatemala		Palestine
Eritrea	Romania	Guyana		Qatar
Eswatini	San Marino	Haiti		Sri Lanka
Gabon	Serbia	Honduras		Syrian Arab Republic
Gambia	Slovakia	Jamaica		Tajikistan
Ghana	Slovenia	Nicaragua		Timor-Leste
Guinea	Vatican City (Holy See)	Panama		Turkmenistan
Guinea-Bissau		Paraguay		Uzbekistan
Ivory Coast (Côte d'Ivoire)		Peru		
Kenya		Saint Kitts and Nevis		
Lesotho		Saint Lucia		
Liberia		Saint Vincent and the Grenadines		
Madagascar		Suriname		
Malawi		Trinidad and Tobago		
Mali		Uruguay		
Mauritania		Venezuela		
Mauritius				
Mozambique				
Namibia				
Niger				
Sao Tome and Principe				
Senegal				
Seychelles				
Sierra Leone				
Somalia				
South Sudan				
Sudan				
Tanzania, United Republic of				
Togo				
Tunisia				
Uganda				
Zambia				
Zimbabwe				

6. FTSPK

Afrika	Eropa	Amerika	Oseania	Asia
Algeria	Albania	Antigua and Barbuda	Fiji	Afghanistan
Angola	Andorra	Argentina	Kiribati	Armenia
Benin	Belarus	Bahamas	Marshall Islands	Azerbaijan
Botswana	Bosnia and Herzegovina	Barbados	Micronesia (Federated States of)	Bahrain
Burkina Faso	Czech Republic	Belize	Nauru	Bhutan
Burundi	Greece	Bolivia (Plurinational State of)	Palau	Georgia
Cabo Verde	Iceland	Chile	Papua New Guinea	Iraq
Cameroon	Latvia	Colombia	Samoa	Kuwait
Central African Republic	Liechtenstein	Costa Rica	Solomon Islands	Kyrgyzstan
Chad	Luxembourg	Cuba	Tonga	Macao
Comoros	Malta	Dominica	Tuvalu	Maldives
Congo	Moldova, Republic of	Dominican Republic	Vanuatu	Mongolia
Congo, Democratic Republic of the	Monaco	Ecuador		Myanmar
Djibouti	Montenegro	El Salvador		Nepal
Egypt	North Macedonia	Grenada		North Korea (Democratic People's Republic of)
Equatorial Guinea	Portugal	Guatemala		Palestine
Eritrea	Romania	Guyana		Qatar
Eswatini	San Marino	Haiti		Sri Lanka
Gabon	Serbia	Honduras		Syrian Arab Republic
Gambia	Slovakia	Jamaica		Tajikistan
Ghana	Slovenia	Nicaragua		Timor-Leste
Guinea	Vatican City (Holy See)	Panama		Turkmenistan
Guinea-Bissau		Paraguay		Uzbekistan
Ivory Coast (Côte d'Ivoire)		Peru		
Kenya		Saint Kitts and Nevis		
Lesotho		Saint Lucia		
Liberia		Saint Vincent and the Grenadines		
Madagascar		Suriname		
Malawi		Trinidad and Tobago		
Mali		Uruguay		
Mauritania		Venezuela		
Mauritius				
Mozambique				
Namibia				
Niger				
Sao Tome and Principe				
Senegal				
Seychelles				
Sierra Leone				
Somalia				
South Sudan				
Sudan				
Tanzania, United Republic of				
Togo				
Tunisia				
Uganda				
Zambia				
Zimbabwe				

7. FVOKASI

Afrika	Eropa	Amerika	Oseania	Asia
Angola	Albania	Antigua and Barbuda	Fiji	Afghanistan
Benin	Andorra	Argentina	Kiribati	Armenia
Botswana	Belarus	Bahamas	Marshall Islands	Azerbaijan
Burkina Faso	Bosnia and Herzegovina	Barbados	Micronesia (Federated States of)	Bahrain
Burundi	Czech Republic	Belize	Nauru	Bhutan
Cabo Verde	Greece	Bolivia	Palau	Georgia
Cameroon	Iceland	(Plurinational State of)	Papua New Guinea	Kuwait
Central African Republic	Latvia	Chile	Samoa	Kyrgyzstan
Chad	Liechtenstein	Colombia	Solomon Islands	Macao
Comoros	Luxembourg	Costa Rica	Tonga	Maldives
Congo	Malta	Cuba	Tuvalu	Mongolia
Congo, Democratic Republic of the	Moldova, Republic of	Dominica	Vanuatu	Myanmar
Djibouti	Monaco	Dominican Republic		Nepal
Egypt	Montenegro	Ecuador		North Korea (Democratic People's Republic of)
Equatorial Guinea	North Macedonia	El Salvador		Palestine
Eritrea	Portugal	Grenada		Qatar
Eswatini	Romania	Guatemala		Sri Lanka
Gabon	San Marino	Guyana		Syrian Arab Republic
Gambia	Serbia	Haiti		Tajikistan
Ghana	Slovakia	Honduras		Timor-Leste
Guinea	Slovenia	Jamaica		Turkmenistan
Guinea-Bissau	Vatican City (Holy See)	Nicaragua		
Ivory Coast (Côte d'Ivoire)		Panama		
Kenya		Paraguay		
Lesotho		Peru		
Liberia		Saint Kitts and Nevis		
Madagascar		Saint Lucia		
Malawi		Saint Vincent and the Grenadines		
Mali		Suriname		
Mauritania		Trinidad and Tobago		
Mauritius		Uruguay		
Mozambique		Venezuela		
Namibia				
Niger				
Sao Tome and Principe				
Senegal				
Seychelles				
Sierra Leone				
Somalia				
South Sudan				
Sudan				
Tanzania, United Republic of				
Togo				
Tunisia				
Uganda				
Zambia				
Zimbabwe				

8. FKK

Afrika	Eropa	Amerika	Oseania	Asia
Algeria	Albania	Antigua and Barbuda	Fiji	Afghanistan
Angola	Andorra	Argentina	Kiribati	Armenia
Benin	Austria	Bahamas	Marshall Islands	Azerbaijan
Botswana	Belarus	Barbados	Micronesia (Federated States of)	Bahrain
Burkina Faso	Belgium	Belize	Nauru	Bhutan
Burundi	Bosnia and Herzegovina	Bolivia (Plurinational State of)	New Zealand	Cambodia
Cabo Verde	Bulgaria	Brazil	Palau	Cyprus
Cameroon	Croatia	Chile	Papua New Guinea	Georgia
Central African Republic	Czech Republic	Colombia	Samoa	India
Chad	Finland	Costa Rica	Solomon Islands	Iraq
Comoros	Greece	Cuba	Tonga	Jordan
Congo	Iceland	Dominica	Tuvalu	Kazakhstan
Congo, Democratic Republic of the	Latvia	Dominican Republic	Vanuatu	Kuwait
Djibouti	Liechtenstein	Ecuador		Kyrgyzstan
Egypt	Lithuania	El Salvador		Lao People's Democratic Republic
Equatorial Guinea	Luxembourg	Grenada		Lebanon
Eritrea	Malta	Guatemala		Macao
Eswatini	Moldova, Republic of	Guyana		Maldives
Ethiopia	Monaco	Haiti		Mongolia
Gabon	Montenegro	Honduras		Myanmar
Gambia	North Macedonia	Jamaica		Nepal
Ghana	Portugal	Mexico		North Korea (Democratic People's Republic of)
Guinea	Romania	Nicaragua		Oman
Guinea-Bissau	Russian Federation	Panama		Pakistan
Ivory Coast (Côte d'Ivoire)	San Marino	Paraguay		Palestine
Kenya	Serbia	Peru		Qatar
Lesotho	Slovakia	Saint Kitts and Nevis		Sri Lanka
Liberia	Slovenia	Saint Lucia		Syrian Arab Republic
Madagascar	Spain	Saint Vincent and the Grenadines		Tajikistan
Malawi	Sweden	Suriname		Timor-Leste
Mali	Ukraine	Trinidad and Tobago		Turkmenistan
Mauritania	Vatican City (Holy See)	Uruguay		Uzbekistan
Mauritius		Venezuela		Viet Nam
Morocco				Yemen
Mozambique				
Namibia				
Niger				
Nigeria				
Sao Tome and Principe				
Senegal				
Seychelles				
Sierra Leone				
Somalia				
South Sudan				
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