

PANDUAN RISET INTERNASIONAL 2021



PANDUAN
RISET INTERNASIONAL
TAHUN 2021



Institut Teknologi Bandung
Februari 2021

Kata Pengantar

Di tengah pandemi COVID-19 yang melanda Indonesia dan dunia saat ini, kita telah menyadari bahwa betapa pentingnya menumbuhkan kemandirian nasional sejak dini untuk menciptakan solusi atas kebutuhan masyarakat di berbagai sektor. Penelitian dan inovasi adalah kunci untuk dapat menangani pandemi global ini serta memulihkan ekonomi nasional. Institut Teknologi Bandung (ITB) memiliki Rencana Induk Pengembangan (RENIP) ITB hingga lima tahun ke depan yang bertujuan untuk membangun sumber daya manusia dan teknologi Indonesia. Prioritas penelitian ITB juga telah ditetapkan dalam Peraturan Senat Akademik ITB yang diharapkan dapat memberikan dampak signifikan bagi masyarakat Indonesia maupun dunia.

Setelah pemasukan proposal dari beberapa skema di Program Riset ITB 2021, Lembaga Penelitian dan Pengabdian Masyarakat (LPPM) kembali menawarkan skema Riset Internasional Tahun 2021. Dalam era globalisasi sekarang ini, peneliti ITB diminta untuk turut berkolaborasi dengan peneliti dari institusi ternama di luar negeri. Hal ini dipandang perlu mengingat melalui kerjasama ini dapat tercipta peningkatan kualitas penelitian dan jumlah publikasi para peneliti Indonesia dalam jurnal ilmiah bereputasi Internasional.

Akhir kata, kami menyampaikan penghargaan dan terima kasih kepada semua pihak yang telah melakukan berbagai upaya sehingga Program Riset ITB 2021 ini dapat terwujud.

Bandung, Februari 2021
Ketua Lembaga Penelitian dan Pengabdian kepada Masyarakat
Institut Teknologi Bandung

A. LATAR BELAKANG

Dalam era globalisasi sekarang ini, seorang peneliti selain dituntut untuk dapat melakukan kerjasama penelitian dengan peneliti lainnya di dalam negeri, juga diharapkan mampu melakukan kolaborasi dengan para peneliti di luar negeri. Hal ini dipandang perlu mengingat begitu cepatnya perkembangan ilmu pengetahuan dan teknologi, sehingga melalui kerjasama dengan pihak luar negeri diharapkan akan mampu meningkatkan kualitas penelitian dan jumlah publikasi hasil penelitian dari para peneliti Indonesia dalam jurnal ilmiah bereputasi Internasional.

B. RASIONAL

Meskipun dalam beberapa tahun terakhir ini telah banyak dibuat MoU dalam bidang penelitian antara ITB dengan perguruan tinggi di luar negeri, namun realisasi di lapangan dalam menindaklanjuti MoU tersebut belum signifikan jumlahnya. Oleh karena itu, dalam rangka peningkatan jumlah kerjasama penelitian dengan perguruan tinggi di luar Negeri dan meningkatkan jumlah publikasi internasional ITB, tahun 2021 ini, Lembaga Penelitian dan Pengabdian kepada Masyarakat (LPPM) ITB menawarkan Riset Internasional.

C. TUJUAN KEGIATAN

1. Membangun dan memperluas jejaring kerjasama penelitian antara ITB dengan universitas-universitas serta lembaga penelitian terkemuka di dunia;
2. Meningkatkan jumlah publikasi jurnal internasional terindeks scopus;
3. Meningkatkan reputasi akademik ITB di mata internasional.

D. MEKANISME DAN RANCANGAN KEGIATAN

1. Kegiatan Riset Internasional Tahun 2021 ini disosialisasikan ke seluruh Fakultas/Sekolah dan Pusat/Pusat Penelitian;
2. Dekan Fakultas/Sekolah dan Kepala Pusat/Pusat Penelitian harus memverifikasi usulan proposal dari dosen ITB secara daring melalui laman <http://research.itb.ac.id>;
3. Proposal diseleksi oleh *Board of Reviewer* ITB dan penilaian meliputi aspek kelayakan kegiatan penelitian, rekam jejak peneliti serta ketercapaian luaran wajib;
4. Pelaksanaan kegiatan penelitian dapat dilaksanakan di perguruan tinggi dan lembaga penelitian di luar negeri;
5. Pelaksanaan monitoring dan evaluasi melihat luaran wajib yang dihasilkan sesuai dengan target yang tercantum pada proposal.

E. KRITERIA

1. *Host*

- a. *Host* adalah perguruan tinggi atau lembaga penelitian di luar negeri yang akan bekerjasama dengan ITB (Daftar MoU ITB dengan Perguruan Tinggi dan Lembaga Penelitian Asing dapat dilihat pada Lampiran 2);
- b. *Host* memiliki *roadmap*, program riset yang sedang berjalan dan fasilitas riset yang *available* untuk pelaksanaan penelitian.

2. Pengusul

- a. Pengusul proposal adalah Dosen ITB yang bermitra dengan peneliti di perguruan tinggi atau lembaga penelitian di luar negeri;
- b. Kegiatan dilaksanakan minimal 1 bulan dan maksimal 2 bulan oleh pengusul di perguruan tinggi atau lembaga penelitian di luar negeri yang berfungsi sebagai *host*.

3. Dana Program

Adapun penggunaan dana meliputi:

- a. Pengusul dapat mengajukan usulan dana maksimum Rp. 100.000.000,- (seratus juta rupiah) per judul proposal;
- b. Dana tersebut dapat digunakan untuk membiayai jasa transportasi, akomodasi, biaya hidup (*living allowance*), narasumber dan biaya untuk publikasi di jurnal ilmiah bereputasi internasional;

F. LUARAN

- a. Sekurang-kurangnya 1 (satu) artikel yang telah *submit* ke jurnal internasional bereputasi Q1 atau Q2;
- b. Bukti *submit*
- c. Bukti peringkat *quartile* jurnal pada saat *submit* artikel
- d. Artikel yang *submit*
- e. Publikasi tidak boleh *double counting* dengan luaran kegiatan penelitian yang lain.
- f. Insentif publikasi terhadap luaran wajib dari Riset Internasional Tahun 2021 akan diberikan tanpa pengajuan lagi.
- g. Tim Peneliti yang menghasilkan luaran tambahan dapat mengajukan insentif publikasi.

G. JADWAL KEGIATAN

Tanggal-tanggal penting :

| | |
|---------------------------------|------------------------------|
| Pengumuman proposal | : 10 Februari 2021 |
| Pemasukan proposal | : 10 - 25 Februari 2021 |
| Peninjauan proposal | : 26 Februari 2021 |
| Seleksi proposal oleh tim pakar | : 1 - 5 Maret 2021 |
| Pengumuman penetapan proposal | : 8 Maret 2021 |
| Pelaksanaan penelitian | : 8 Maret - 30 November 2021 |
| Laporan Akhir | : 30 November 2021 |

PROPOSAL
RISET INTERNASIONAL TAHUN 2021



JUDUL

.....

Ketua Tim :

KK :

Fakultas/Sekolah/PP/P :

INSTITUT TEKNOLOGI BANDUNG
Februari, 2021

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LEMBAR IDENTITAS PROPOSAL

Informasi terkait Lembar Identitas Proposal :

1. Lembar Identitas Proposal diisi pada laman <http://research.itb.ac.id/>
2. Lembar Identitas Proposal di-download dan disertakan kembali pada proposal halaman 2 (setelah *cover*)
3. Lembar Identitas Proposal tidak memerlukan tandatangan pengusul dan Dekan Fakultas/Sekolah atau Kepala Pusat/Pusat Penelitian
4. Dekan Fakultas/Sekolah dan Kepala Pusat/Pusat Penelitian memberikan persetujuan secara *online* dengan menggunakan akun masing-masing pada laman <http://research.itb.ac.id/>

RINGKASAN PROPOSAL

1 PENDAHULUAN

1.1 Latar belakang masalah

1.2 Tujuan

2 METODOLOGI

3 DAFTAR PUSTAKA

4 INDIKATOR KEBERHASILAN (TARGET CAPAIAN)

| No. | Indikator Keberhasilan | Deskripsi |
|-----|--|-----------|
| 1. | Keluaran (<i>output</i>) Hasil Riset | |
| 2. | Dampak (<i>outcome</i>) Hasil Riset | |
| 3. | Pembinaan <i>peer</i> | |
| 4. | Networking nasional dan internasional | |

5 JADWAL PELAKSANAAN

6 PETA JALAN (*ROAD MAP*) RISET

8 USULAN BIAYA

9 CV PENELITI DAN CV/SYNOPSIS PARTNER DI LUAR NEGERI

10 LAMPIRAN BUKTI MOU / LOI (*LETTER OF INTENT*) ITB DAN PERGURUAN TINGGI YANG DITUJU

Lampiran 2 : Daftar *Memorandum Of Understanding (MoU)*

| No | Tahun Mulai | Tahun Berakhir | Instansi | Negara |
|----|-------------|----------------|--|-----------------|
| 1 | 2018 | 2021 | DigitalGlobe Foundation | Amerika Serikat |
| 2 | 2019 | 2024 | The East Asian Observatory (EAO) | Amerika Serikat |
| 3 | 2019 | 2024 | University of South Alabama | Amerika Serikat |
| 4 | 2019 | 2024 | University of North Dakota | Amerika Serikat |
| 5 | 2019 | 2024 | Earthquake Engineering Research Institute (EERI) | Amerika Serikat |
| 6 | 2011 | 2021 | Institute of International Education, Inc | Amerika Serikat |
| 7 | 2019 | 2022 | Trustees of Boston University | Amerika Serikat |
| 8 | 2019 | 2022 | Trustees of Boston University | Amerika Serikat |
| 9 | 2019 | 2024 | New Mexico Institute of Mining and Technology | Amerika Serikat |
| 10 | 2019 | 2024 | The University of Kansas | Amerika Serikat |
| 11 | 2016 | 2021 | The University of Queensland | Australia |
| 12 | 2016 | 2021 | The University of Queensland | Australia |
| 13 | 2017 | 2022 | The University of New South Wales (UNSW) | Australia |
| 14 | 2017 | 2022 | Curtin University | Australia |
| 15 | 2018 | 2023 | University of Technology Sydney (UTS) | Australia |
| 16 | 2018 | 2023 | Macquarie University | Australia |
| 17 | 2018 | 2023 | Curtin University | Australia |
| 18 | 2016 | 2021 | The University of Adelaide | Australia |
| 19 | 2016 | 2021 | Federation University | Australia |

| No | Tahun Mulai | Tahun Berakhir | Instansi | Negara |
|----|-------------|----------------|---|------------|
| 20 | 2018 | 2022 | Griffith University | Australia |
| 21 | 2018 | 2023 | The University of Melbourne | Australia |
| 22 | 2019 | 2024 | Monash University | Australia |
| 23 | 2018 | 2023 | International Institute for Applied Systems Analysis (IIASA) | Austria |
| 24 | 2020 | 2025 | Daffodil International University | Bangladesh |
| 25 | 2016 | 2021 | Vrije Universiteit Amsterdam | Belanda |
| 26 | 2017 | 2022 | University of Amsterdam - Faculty of Economics and Business | Belanda |
| 27 | 2017 | 2022 | Eindhoven University of Technology | Belanda |
| 28 | 2017 | 2022 | Universiteit Leiden | Belanda |
| 29 | 2018 | 2023 | The Bandoengse Technische Hogeschool Fonds (BTHF) | Belanda |
| 30 | 2016 | 2021 | Delft University of Technology (TU Delft) | Belanda |
| 31 | 2016 | 2021 | Rijksuniversiteit Groningen (RUG)/University of Groningen | Belanda |
| 32 | 2020 | 2022 | University of Twente | Belanda |
| 33 | 2017 | 2022 | Radboud University | Belanda |
| 34 | 2018 | 2023 | University of Twente | Belanda |
| 35 | 2019 | 2024 | The Faculty of Geo-Information Science and Earth Observation - University of Twente | Belanda |
| 36 | 2016 | 2021 | University of Liege | Belgia |
| 37 | 2018 | 2021 | International Power Supply (IPS) | Bulgaria |
| 38 | 2019 | 2022 | Universidad Técnica Federico Santa María (UTFSM) | Chili |
| 39 | 2018 | 2021 | Shanghai Institute of Technology | China |
| 40 | 2017 | 2022 | Beijing Jiaotong University | China |

| No | Tahun Mulai | Tahun Berakhir | Instansi | Negara |
|----|-------------|----------------|--|---------|
| 41 | 2017 | 2022 | Beijing Jiaotong University | China |
| 42 | 2017 | 2022 | Zhejiang University | China |
| 43 | 2019 | 2022 | Central South University (CSU) | China |
| 44 | 2019 | 2022 | International Centre for Higher Education Innovation Under The Auspices of UNESCO (UNESCO ICHEI) - Southern University of Science and Technology (SUSTech) - ITB | China |
| 45 | 2018 | 2023 | Shanghai Jian Qiao University | China |
| 46 | 2019 | 2024 | East China Jiaotong University | China |
| 47 | 2019 | 2025 | Hubei University of Technology (HUT) | China |
| 48 | 2020 | 2025 | Beijing University of Chemical Technology (BUCT) | China |
| 49 | 2016 | 2021 | ITB - Tsinghua University - Shenzhen Fountain Corporation - Bestwa Envitech Company Ltd - PT Bestwa Envitech Indonesia - PT Terapan Manajemen Teknologi | China |
| 50 | 2016 | 2021 | Tianjin Chengjian University | China |
| 51 | 2016 | 2021 | Peking University HSBC Business School | China |
| 52 | 2018 | 2023 | The North China Electric Power University (NCEPU) | China |
| 53 | 2018 | 2023 | The North China Electric Power University (NCEPU) | China |
| 54 | 2019 | 2024 | Tsinghua University | China |
| 55 | 2017 | 2022 | University of Zagreb | Croatia |
| 56 | 2017 | 2022 | University of Zagreb | Croatia |
| 57 | 2016 | 2021 | Czech Technical University in Prague (CTU) | Czech |
| 58 | 2019 | 2021 | University of Ostrava | Czech |
| 59 | 2019 | 2024 | University of Ostrava | Czech |

| No | Tahun Mulai | Tahun Berakhir | Instansi | Negara |
|----|-------------|----------------|---|-------------------|
| 60 | 2017 | 2022 | Aalborg University | Denmark |
| 61 | 2018 | 2023 | Hawassa University | Ethiopia |
| 62 | 2018 | 2023 | Bahir Dar University | Ethiopia |
| 63 | 2018 | 2022 | Finland University | Finlandia |
| 64 | 2017 | 2022 | Aalto University | Finlandia |
| 65 | 2018 | 2022 | The Jardine Foundation | Hong Kong |
| 66 | 2018 | 2021 | The Shetkari Shikshan Mandal's Bhivarabai Sawant College of Engineering and Research (TSSM's BSCOER) | India |
| 67 | 2018 | 2023 | Yogi Vemana University | India |
| 68 | 2019 | 2024 | Saveetha Institute of Medical and Technical Sciences (SIMATS) | India |
| 69 | 2019 | 2024 | Institute of Aeronautical Engineering (IARE) | India |
| 70 | 2018 | 2021 | Ministry of Cadastral and Spatial Planning/Land Agency (Kementerian ATR-BPN) - Geospatial Information Agency (BIG) - National Border Management Agency (BNPP) - Agency for the Assessment and Application of Technology (BPPT) - National Institute of Nautical and Aerospace (LAPAN) - Institut Teknologi Bandung (ITB) - National Space Policy Secretariat (NSPS) | Indonesia, Jepang |
| 71 | 2020 | 2022 | PT. Maligi Permata Industrial Estate - Institut Teknologi Bandung - Hiroshima University | Indonesia, Jepang |
| 72 | 2020 | 2022 | PT. PLN (Persero) - PT. Indonesia Power - PT. Pembangkitan Jawa Bali - Mitsubishi Hitachi Power Systems, LTD - Institut Teknologi Bandung | Indonesia, Jepang |

| No | Tahun Mulai | Tahun Berakhir | Instansi | Negara |
|----|-------------|----------------|--|---|
| 73 | 2016 | 2021 | Chungnam National University (CNU), Korea; Abubakar Tafawa Balewa University, Nigeria; Antonio Narino University, Colombia; ITB; Bloomfield College, USA; UGM; Hannam University, Korea; ITI; Masaryk University, Czech Republic; Multimedia Nusantara University; Pamulang University; and Telkom University (World Technopolis Association (WTA) University President Forum/12 Universities) | Indonesia, Korea Selatan, Amerika Serikat, Chezh, Nigeria, Colombia |
| 74 | 2016 | 2021 | Birmingham City University | Inggris |
| 75 | 2016 | 2021 | University of Kent | Inggris |
| 76 | 2016 | 2021 | Queen Mary University of London | Inggris |
| 77 | 2018 | 2021 | University of Essex | Inggris |
| 78 | 2017 | 2022 | The University of Birmingham | Inggris |
| 79 | 2018 | 2023 | The School of Physical Sciences - University of Cambridge | Inggris |
| 80 | 2018 | 2023 | The Faculty of Humanities and Social Sciences at the Bath University | Inggris |
| 81 | 2019 | 2024 | Queen Mary University of London | Inggris |
| 82 | 2020 | 2025 | Queen Mary University of London | Inggris |
| 83 | 2016 | 2021 | University of Hull | Inggris |
| 84 | 2016 | 2021 | The University of Manchester | Inggris |
| 85 | 2017 | 2022 | Goldsmiths, University of London | Inggris |
| 86 | 2020 | 2023 | Brunel University London | Inggris |
| 87 | 2018 | 2023 | University of Hull | Inggris |
| 88 | 2020 | 2023 | University of Aberdeen | Inggris |
| 89 | 2018 | 2023 | The University of Manchester | Inggris |
| 90 | 2019 | 2024 | The University Court of the University | Inggris |

| No | Tahun Mulai | Tahun Berakhir | Instansi | Negara |
|-----|-------------|----------------|---|---------|
| | | | of Glasgow | |
| 91 | 2020 | 2025 | The University of Huddersfield | Inggris |
| 92 | 2016 | 2021 | Kyushu University | Jepang |
| 93 | 2016 | 2021 | Kyushu University | Jepang |
| 94 | 2016 | 2021 | Nagaoka University of Technology | Jepang |
| 95 | 2019 | 2021 | Yokohama National University | Jepang |
| 96 | 2018 | 2021 | RIKEN | Jepang |
| 97 | 2018 | 2021 | Japan Nus Co., Ltd. | Jepang |
| 98 | 2017 | 2022 | Waseda University | Jepang |
| 99 | 2017 | 2022 | Osaka University | Jepang |
| 100 | 2018 | 2022 | Osaka University | Jepang |
| 101 | 2020 | 2022 | Osaka University | Jepang |
| 102 | 2017 | 2022 | Innovation Center of NanoMedicine (iCONM) | Jepang |
| 103 | 2017 | 2022 | Hirosaki University | Jepang |
| 104 | 2017 | 2022 | Earthquake Prediction Research Center (EPRC) | Jepang |
| 105 | 2017 | 2022 | Tokyo City University | Jepang |
| 106 | 2018 | 2023 | Nagoya University | Jepang |
| 107 | 2018 | 2023 | The University of Electro-Communications | Jepang |
| 108 | 2018 | 2023 | Tohoku University | Jepang |
| 109 | 2019 | 2024 | Kobe University | Jepang |
| 110 | 2019 | 2024 | Akita University of Art | Jepang |
| 111 | 2019 | 2024 | The Research Institute for Humanity and Nature (RIHN) | Jepang |
| 112 | 2020 | 2025 | Mitsubishi Hitachi Power Systems, Ltd | Jepang |
| 113 | 2020 | 2025 | Mitsubishi Power Ltd. | Jepang |
| 114 | 2016 | 2021 | Kyoto University | Jepang |

| No | Tahun Mulai | Tahun Berakhir | Instansi | Negara |
|-----|-------------|----------------|--|--------|
| 115 | 2016 | 2021 | Chiba University | Jepang |
| 116 | 2016 | 2021 | Keio University | Jepang |
| 117 | 2016 | 2021 | Hiroshima University - Hiroshima University Bandung Center | Jepang |
| 118 | 2016 | 2021 | Kumamoto University | Jepang |
| 119 | 2016 | 2021 | Kumamoto University | Jepang |
| 120 | 2020 | 2021 | Graduate School of Science and Technology (GSST) Kumamoto University | Jepang |
| 121 | 2016 | 2021 | Tottori University | Jepang |
| 122 | 2016 | 2021 | National Institut of Technology, Gifu College (NIT, Gifu College) | Jepang |
| 123 | 2016 | 2021 | Teikyo University | Jepang |
| 124 | 2018 | 2021 | National Institute for Environmental Studies (NIES) | Jepang |
| 125 | 2019 | 2022 | The Asahi Glass Foundation | Jepang |
| 126 | 2017 | 2022 | Toyohashi University of Technology (TUT) | Jepang |
| 127 | 2017 | 2022 | Ritsumeikan University | Jepang |
| 128 | 2017 | 2022 | Akita University | Jepang |
| 129 | 2017 | 2022 | Akita University | Jepang |
| 130 | 2017 | 2022 | Yamaguchi University | Jepang |
| 131 | 2017 | 2022 | Yamaguchi University | Jepang |
| 132 | 2017 | 2022 | Nara Institute of Science and Technology (NAIST) | Jepang |
| 133 | 2019 | 2022 | Nara Institute of Science and Technology (NAIST) | Jepang |
| 134 | 2018 | 2023 | Chiba University | Jepang |
| 135 | 2018 | 2023 | Tokyo Institute of Technology | Jepang |
| 136 | 2018 | 2023 | Tokyo Institute of Technology | Jepang |
| 137 | 2018 | 2023 | Hiroshima University | Jepang |

| No | Tahun Mulai | Tahun Berakhir | Instansi | Negara |
|-----|-------------|----------------|--|----------------|
| 138 | 2018 | 2023 | Shizuoka University | Jepang |
| 139 | 2019 | 2024 | Kyushu Institute of Technology | Jepang |
| 140 | 2019 | 2024 | Kyushu Institute of Technology | Jepang |
| 141 | 2019 | 2024 | Kyoto University | Jepang |
| 142 | 2019 | 2024 | Kochi University of Technology | Jepang |
| 143 | 2019 | 2024 | School of Economics & Management - Kochi University of Technology | Jepang |
| 144 | 2019 | 2024 | National University Corporation Ehime University | Jepang |
| 145 | 2019 | 2024 | National University Corporation Ehime University | Jepang |
| 146 | 2019 | 2024 | Chiba Institute of Technology | Jepang |
| 147 | 2019 | 2024 | Chiba Institute of Technology | Jepang |
| 148 | 2020 | 2025 | The University of Tokyo | Jepang |
| 149 | 2020 | 2025 | Kyoto University | Jepang |
| 150 | 2020 | 2025 | IHI Corporation | Jepang |
| 151 | 2020 | 2025 | National Institute for Environmental Studies (NIES) | Jepang |
| 152 | 2017 | 2023 | The ASEAN University Network/Southeast Asia Engineering Education Development Network (AUN/SEED-Net) | Jepang & ASEAN |
| 153 | 2019 | 2022 | Technische Universität Darmstadt | Jerman |
| 154 | 2020 | 2025 | Technical University of Munich (TUM) | Jerman |
| 155 | 2019 | 2022 | Hochschule Reutlingen - Reutlingen University | Jerman |
| 156 | 2018 | 2023 | Braunschweig University of Art | Jerman |
| 157 | 2018 | 2023 | Braunschweig University of Art | Jerman |
| 158 | 2019 | 2024 | Hochschule RheinMain, University of Applied Sciences, Wiesbaden Rüsselsheim | Jerman |

| No | Tahun Mulai | Tahun Berakhir | Instansi | Negara |
|-----|-------------|----------------|---|-------------------|
| 159 | 2020 | 2025 | Rheinisch-Westfalische Technische Hochschule Aachen (RWTH Aachen University) | Jerman |
| 160 | 2016 | 2021 | ITB; PT. Propan Raya I.C.C./PT. Alkindo Mitraraya; Fraunhofer-Gesellschaft Zur Forderung Der Angewandten Forschung E.V. - Fraunhofer Institute for Wood Research (WKL); and University of Paderborn Germany | Jerman, Indonesia |
| 161 | 2020 | 2025 | Institute of Technology of Cambodia | Kamboja |
| 162 | 2016 | 2021 | National Polytechnic Institute of Cambodia | Kamboja |
| 163 | 2016 | 2021 | Korea Institute of Ocean Science and Technology | Korea Selatan |
| 164 | 2017 | 2021 | Korea National University of Transportation (KNUT) | Korea Selatan |
| 165 | 2017 | 2021 | Korea National University of Transportation (KNUT) | Korea Selatan |
| 166 | 2017 | 2022 | Korea Maritime and Ocean University (KMOU) | Korea Selatan |
| 167 | 2019 | 2022 | Hyundai Engineering & Construction, Co. Ltd | Korea Selatan |
| 168 | 2018 | 2023 | Chung-Ang University | Korea Selatan |
| 169 | 2020 | 2023 | University Core Research Center for Disaster-Free and Safe Ocean City at Dong-A University | Korea Selatan |
| 170 | 2019 | 2024 | Solbridge International School of Business, Woosong University | Korea Selatan |
| 171 | 2019 | 2024 | Korea Midland Power Co., Ltd. (KOMIPO) | Korea Selatan |
| 172 | 2019 | 2024 | Kookmin University | Korea Selatan |
| 173 | 2019 | 2024 | Kookmin University | Korea Selatan |

| No | Tahun Mulai | Tahun Berakhir | Instansi | Negara |
|-----|-------------|----------------|---|---------------|
| 174 | 2020 | 2025 | College of Engineering at Dong-A University | Korea Selatan |
| 175 | 2016 | 2021 | Soonchunhyang University | Korea Selatan |
| 176 | 2016 | 2021 | The City Government of Daejeon Metropolitan of Korea; The City Government of Tangerang Selatan in the Republic of Indonesia; Daejeon Technopark; Center of Research, Technology, and Higher Education (PUSPIPTEK); Chungnam National University (CNU); Konyang University (KYU); Intitut Teknologi Bandung (ITB); Bogor Agricultural University (IPB); Islamic State University Syarif Hidayatullah (UIN Syarif Hidayatullah); and Indonesian Institute of Technology (ITI) | Korea Selatan |
| 177 | 2016 | 2021 | Seoul Institute of the Arts (SeoulArts) | Korea Selatan |
| 178 | 2016 | 2021 | Seoul Institute of the Arts (SeoulArts) | Korea Selatan |
| 179 | 2016 | 2021 | The University of Seoul | Korea Selatan |
| 180 | 2016 | 2021 | The University of Seoul | Korea Selatan |
| 181 | 2017 | 2022 | Pohang University of Science and Technology (POSTECH) | Korea Selatan |
| 182 | 2017 | 2022 | Pohang University of Science and Technology (POSTECH) | Korea Selatan |
| 183 | 2017 | 2022 | Kumoh National Institute of Technology (KIT) | Korea Selatan |
| 184 | 2019 | 2024 | Chungnam National University | Korea Selatan |
| 185 | 2019 | 2024 | Sejong University | Korea Selatan |

| No | Tahun Mulai | Tahun Berakhir | Instansi | Negara |
|-----|-------------|----------------|---|---------------|
| 186 | 2019 | 2024 | Sejong University | Korea Selatan |
| 187 | 2020 | 2025 | Chonnam National University | Korea Selatan |
| 188 | 2017 | 2021 | Vytautas Magnus University | Lithuania |
| 189 | 2016 | 2021 | Vilnius Gediminas Technical University | Lithuania |
| 190 | 2020 | 2022 | Vilnius Gediminas Technical University | Lithuania |
| 191 | 2020 | 2024 | Vytautas Magnus University | Lithuania |
| 192 | 2017 | 2022 | Universiti Kebangsaan Malaysia (UKM) | Malaysia |
| 193 | 2017 | 2022 | Universiti Sains Malaysia (USM) | Malaysia |
| 194 | 2017 | 2022 | TATI University College (TATIUC) | Malaysia |
| 195 | 2018 | 2023 | Graduate School of Business - Universiti Sains Malaysia (USM) | Malaysia |
| 196 | 2018 | 2023 | Universiti of Malaya | Malaysia |
| 197 | 2018 | 2023 | Universiti of Malaya | Malaysia |
| 198 | 2019 | 2024 | Universiti Sains Malaysia (USM) | Malaysia |
| 199 | 2020 | 2025 | Universiti Teknologi Malaysia | Malaysia |
| 200 | 2020 | 2025 | Universiti Malaysia Terengganu | Malaysia |
| 201 | 2020 | 2021 | International Islamic University Malaysia (IIUM) | Malaysia |
| 202 | 2018 | 2021 | Universiti Teknologi Mara (UiTM) | Malaysia |
| 203 | 2019 | 2022 | International Islamic University Malaysia (IIUM) | Malaysia |
| 204 | 2018 | 2023 | Universiti Putra Malaysia | Malaysia |
| 205 | 2018 | 2023 | Institute of Technology PETRONAS Sdn. Bhd. | Malaysia |
| 206 | 2018 | 2023 | Institute of Technology PETRONAS Sdn. Bhd. | Malaysia |
| 207 | 2019 | 2024 | Universiti Tun Hussein Onn Malaysia (UTHM) | Malaysia |
| 208 | 2019 | 2026 | Univeriti Malaysia Pahang | Malaysia |

| No | Tahun Mulai | Tahun Berakhir | Instansi | Negara |
|-----|-------------|----------------|--|-----------|
| 209 | 2017 | 2022 | Norwegian University of Science and Technology (NTNU) | Norwegia |
| 210 | 2018 | 2023 | The Embassy of Palestine in Indonesia | Palestina |
| 211 | 2019 | 2021 | Electricite De France | Perancis |
| 212 | 2017 | 2022 | Groupe Kedge Business School | Perancis |
| 213 | 2018 | 2022 | The Universite Savoie Mont Blanc | Perancis |
| 214 | 2018 | 2023 | L'Université Polytechnique Hauts-de-France (UPHF) | Perancis |
| 215 | 2018 | 2023 | Université Paris Diderot | Perancis |
| 216 | 2018 | 2023 | Saint-Etienne Higher School of Art and Design | Perancis |
| 217 | 2018 | 2023 | Universite de Limoges | Perancis |
| 218 | 2016 | 2021 | Essca School of Management | Perancis |
| 219 | 2016 | 2021 | L'Universite Federale Toulouse Midi-Pyrenees | Perancis |
| 220 | 2020 | 2023 | IESEG School of Management | Perancis |
| 221 | 2019 | 2024 | The Institut National Polytechnique Toulouse (INPT) | Perancis |
| 222 | 2019 | 2024 | Aix Marseille University | Perancis |
| 223 | 2019 | 2024 | Institute de Recherche pour le Development | Perancis |
| 224 | 2019 | 2024 | The Université Grenoble Alpes | Perancis |
| 225 | 2019 | 2024 | The Université Grenoble Alpes | Perancis |
| 226 | 2020 | 2025 | L'Universite de Technologie de Belfort-Montbeliard | Perancis |
| 227 | 2017 | 2022 | University of Mindanao | Philipina |
| 228 | 2016 | 2021 | De La Salle-College of Saint Benilde | Philipina |
| 229 | 2020 | 2022 | Universidade De Aveiro | Portugal |
| 230 | 2018 | 2023 | Moscow Aviation Institute (National Research University) | Rusia |
| 231 | 2019 | 2024 | Scientific Industrial Joint Stock | Rusia |

| No | Tahun Mulai | Tahun Berakhir | Instansi | Negara |
|-----|-------------|----------------|--|----------------------|
| | | | Company (RMI) | |
| 232 | 2018 | 2026 | National Research Nuclear University "MEPhI" | Rusia |
| 233 | 2019 | 2034 | Moscow Aviation Institute (National Research University) | Rusia |
| 234 | 2018 | 2023 | The University of Otago | Selandia Baru |
| 235 | 2018 | 2023 | The University of Canterbury | Selandia Baru |
| 236 | 2018 | 2023 | Temasek Polytechnic | Singapura |
| 237 | 2019 | 2022 | Singapore Management University | Singapura |
| 238 | 2020 | 2025 | Singapore Management University | Singapura |
| 239 | 2017 | 2022 | Singapore University of Technology and Design (SUTD) - ITB - United in Diversity Foundation (UID) | Singapura, Indonesia |
| 240 | 2019 | 2023 | The Alliance 4 Universities (Universidad Autonoma de Barcelona/UAB, Universidad Autonoma de Madrid/UAM, Universidad Carlos III de Madrid/UC3M & Universidad Pompeu Fabra Barcelona/UPFB) | Spanyol |
| 241 | 2020 | 2025 | IE University | Spanyol |
| 242 | 2016 | 2021 | Sudapet Company Ltd. | Sudan |
| 243 | 2020 | 2025 | Lund University | Swedia |
| 244 | 2016 | 2021 | University of Applied Sciences and Arts Northwestern Switzerland | Swiss |
| 245 | 2017 | 2022 | The University of Neuchatel | Swiss |
| 246 | 2019 | 2024 | The School of Business - University of Applied Sciences and Arts Northwestern Switzerland (FHNW) | Swiss |
| 247 | 2019 | 2024 | Kuehne Foundation | Swiss |
| 248 | 2016 | 2021 | Zurich University of Applied Sciences | Swiss |

| No | Tahun Mulai | Tahun Berakhir | Instansi | Negara |
|-----|-------------|----------------|--|----------|
| | | | (ZHAW) | |
| 249 | 2017 | 2022 | National Yunlin University of Science and Technology | Taiwan |
| 250 | 2017 | 2022 | National Yunlin University of Science and Technology | Taiwan |
| 251 | 2018 | 2023 | Asia University | Taiwan |
| 252 | 2019 | 2024 | National Tsing Hua University | Taiwan |
| 253 | 2019 | 2024 | National Tsing Hua University | Taiwan |
| 254 | 2019 | 2024 | National Changhua University of Education (NCUE) | Taiwan |
| 255 | 2019 | 2024 | National Changhua University of Education (NCUE) | Taiwan |
| 256 | 2017 | 2022 | National Chung Hsing University (NCHU) | Taiwan |
| 257 | 2017 | 2022 | National Chung Hsing University (NCHU) | Taiwan |
| 258 | 2018 | 2023 | National Kaohsiung University of Applied Sciences | Taiwan |
| 259 | 2018 | 2023 | National Cheng Kung University | Taiwan |
| 260 | 2018 | 2023 | National Taiwan University of Science & Technology, Taiwan (NTUST) | Taiwan |
| 261 | 2018 | 2023 | Chung Yuan Christian University | Taiwan |
| 262 | 2018 | 2023 | National Chiao Tung University (NCTU) | Taiwan |
| 263 | 2019 | 2024 | National Taiwan University of Science & Technology, Taiwan (NTUST) | Taiwan |
| 264 | 2020 | 2025 | Feng Chia University | Taiwan |
| 265 | 2017 | 2022 | Suan Sunandha Rajabhat University (SSRU) | Thailand |
| 266 | 2017 | 2022 | National Electronics and Computer Technology Center (NECTEC), National Science and Technology Development Agency, Ministry of Science and Technology | Thailand |

| No | Tahun Mulai | Tahun Berakhir | Instansi | Negara |
|-----|-------------|----------------|--|-------------|
| 267 | 2018 | 2023 | Suan Sunandha Rajabhat University (SSRU) | Thailand |
| 268 | 2016 | 2021 | The National Astronomical Research Institute of Thailand, Ministry of Science and Technology, Thailand (NARIT) | Thailand |
| 269 | 2016 | 2021 | Naresuan University | Thailand |
| 270 | 2016 | 2021 | Surindra Rajabhat University | Thailand |
| 271 | 2018 | 2023 | National Center for Genetic Engineering and Biotechnology National Science and Technology Development Agency (BIOTEC) | Thailand |
| 272 | 2019 | 2024 | Institute Do Petroleo E Geologia-Instituto Publico (IPG), Ministry of Petroleum and Ministry of Mineral Resources (IPG) for the Democratic Republic of the Government of Timor-Leste | Timor Leste |
| 273 | 2016 | 2021 | Universidade Nacional Timor Lorosa'e (UNTL) | Timor Leste |

| No | Tahun Mulai | Tahun Berakhir | Instansi | Negara |
|-----|-------------|----------------|---|------------|
| 274 | 2019 | 2024 | Middle East Technical University (METU) | Turki |
| 275 | 2019 | 2024 | Middle East Technical University (METU) | Turki |
| 276 | 2019 | 2024 | Yildiz Technical University | Turki |
| 277 | 2020 | 2025 | Izmir Bakircay University | Turki |
| 278 | 2017 | 2022 | Kastamonu University | Turki |
| 279 | 2019 | 2024 | Odessa National Maritime University | Ukraina |
| 280 | 2019 | 2024 | Tashkent State University of Economics | Uzbekistan |
| 281 | 2019 | 2024 | Samarkand State Institute of Foreign Languages | Uzbekistan |
| 282 | 2019 | 2024 | "Silk Road" International University of Tourism | Uzbekistan |
| 283 | 2019 | 2022 | Institute of Physics - Vietnam Academy of Science and Technology (IOP VAST) | Vietnam |
| 284 | 2018 | 2023 | University of Economics Ho Chi Minh City | Vietnam |

