



NEWSLETTER UNAIR

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July 2020



UNAIR's Rank Increases at the World Level

WORLD CLASS UNIVERSITY
#521-530
QS TOP UNIVERSITY 2021

ACADEMIC REPUTATION | EMPLOYER REPUTATION | CITATION PER-FACULTY
#350 | **#272** | **#601+**

FACULTY STUDENT | INTERNATIONAL FACULTY | INTERNATIONAL STUDENTS
#403 | **#554** | **#601+**

Universitas Airlangga (UNAIR) successfully increased its rank in QS World University Rankings (QS WUR) very significantly this year. QS WUR is a rating agency used as an official performance indicator of the Indonesian tertiary institutions from the Ministry of Research, Technology, and Higher Education (2015-2019) and the Ministry of Education and Culture (2020-2024).

Last year, UNAIR was ranked 651-700 of the world's top universities. This year, UNAIR ranks 521-530 of the world's top universities.

"We hope that this extraordinary achievement can increase self-confidence for all elements of the academic community and whip up the spirit to be better in the future," said UNAIR Rector Prof. M. Nasih.

Academic Excellence



124 Study Programs with Accreditation Rank A

National Accreditation

Source: The Indonesian Accreditation Agency for Higher Education in Health (LAM-PTKes) and the Board of National Accreditation for Higher Education (BAN-PT) as of April 24, 2020



17 AUN-QA (ASEAN University Network-Quality Assurance)



14 ABEST21 (The Alliance on Business Education and Scholarship for Tomorrow, a 21st-century organization)



14 ASIC (Accreditation Service for International Schools, Colleges, and Universities)



8 ASIIN (Accreditation Agency for Degree Programs in Engineering, Informatics/Computer Science, the Natural Science, and Mathematics)



3 FIBAA (Foundation for International Business Administration Accreditation)



1 APHEA (Agency for Public Health Education Accreditation)

International **57**

The university with the second most international accreditation in Indonesia Source: Ministry of Research, Technology, and Higher Education as of July 2020

The Chairperson of the UNAIR Development and Planning Agency (BPP) Prof. Badri Munir Sukoco, Ph.D., said that UNAIR had improved in many evaluation indicators or criteria. In the Academic Reputation indicator, UNAIR is currently ranked the 350th world's best (last year ranked the 401st). In the Employer Reputation indicator, UNAIR is currently ranked the 272nd world's best (last year ranked the 393rd).

"The Employer Reputation indicator, which has improved very well, shows that the quality of UNAIR graduates has very high value for companies and their recruiting partners," said Prof. Badri.

The youngest UNAIR Professor also explained that the Academic Reputation and Employer Reputation indicators reflect 50 percent of the QS WUR assessment indicators.

Moreover, he continued, the increase was also experienced by two other indicators. UNAIR Faculty Student Ratio currently occupies the 403rd best in the world (last year ranked the 458th). Meanwhile, in the International Faculty indicator, UNAIR successfully ranks the 554th best in the world (601+ last year).

"Meanwhile, there are two areas of indicators that highly need more effort in the future to be able to improve and boost UNAIR's ranking in the world. The two indicators are Citation per Faculty and International Students," he explained.

From all the indicators, continued Prof. Badri, surely the achievement has brought pride and has been done thanks to the good synergy between all elements in UNAIR.

Meanwhile, UNAIR researchers entered the Top 200 best Indonesian researchers based on the SINTA (Science and Technology Index) released by the central government in mid-2020. The researchers are Prof. Nursalam and Ferry Efendi Ph.D. of Faculty of Nursing, Prof. Moh. Yasin and Prof. Agoes Soegianto of Faculty of Science and Technology, Prof. Diah Savitrie and Prof. Ida Bagus Narmada of Faculty of Dental Medicine, Prof. Fedik Abdul Rantam of Faculty of Veterinary Medicine, and Dr. Abdul Rohim Tualeka of Faculty of Public Health. (*)



Prof. Dr. Mohammad Nasih, SE., M.T., Ak., CMA
Rector of Universitas Airlangga

The Student Activity Units Continue to Boast of the Campus



The Student Activity Units (UKM) at UNAIR continue to carve achievements. In various national competitions, many UKMs can rank first, second, and third. “We will continue to excel. This is proof that UNAIR students can be the best in academics and non-academics,” said UNAIR UKM Communication Forum Chairperson Nur Zalva Itsnaini.

Included in the achievements were attained by UKM Tahfidzul Qur'an and UKM Jujitsu. The delegation of UKM Tahfidzul Qur'an was ranked second in memorization of 10 juz at the Qurani 2020 Festival at the Institut Tarbiyatut Tholabah, Paciran, Lamongan. Meanwhile, UKM Jujitsu won and became runner up in several categories in the Muhammadiyah University of Ponorogo Jujitsu Championship: 14-15 March 2020 and Jujitsu Madiun Open: 7-9 Feb 2020 at Suncity Mall Madiun.

UKM Reasoning has also proved highly competitive. They were ranked first and second in many championships, such as the Scientific Writing Competition (LKTI) during the Scientific Meeting XV 2020 of UKM Reasoning and Research in East Java; IMPERTI VIII 6-8 March 2020 at University of Mataram, West Nusa Tenggara; LPDP Scientific Writing Competition 1 March 2020 at State University of



Malang; National Islamic Science Writing Competition 14-15 Feb 2020 at the University of Indonesia; IESCO 2.0 National Scientific Writing Contest 7-11 Feb 2020 at University of Darussalam Gontor, Ponorogo; as well as Rotary Connects The World – Literacy Visit and Fellowship Program to Malaysia.

“We keep trying to do our best. Do not forget to pray. So that in every opportunity we can get maximum results,” said Fahmi Ikhlasul Amalludin, a Biology student and UKM Reasoning member who won two different events.

In the Badminton Student League: East Java Conference Season 8 on 23 February-1 March 2020 at the Al-Asy'ari Round Building, Islamic University of Malang, UNAIR delegation succeeded in becoming a runner up. Whereas at the Surabaya Archery Competition on 7-8 March 2020 at KONI Field East Java, UNAIR delegates dominated several categories by being ranked first, second, and third.

In the meantime, UKM Tapak Suci Silat Martial Arts brought gold, silver, and bronze medals home from several categories in the Surabaya Tapak Suci Competition (STSC) 2020, while



UKM Taekwondo also received gold, silver, and bronze medals from various categories in the Jabar Open Taekwondo National Championship 2020 which raised the theme of National Defense on 7-8 March 2020. UKM Karate also showed off in the Open Karate Championship All Student 2020 at Jenderal Soedirman University by winning one gold and seven bronze medals. Then, at the Pakubumi Open VIII event, 28 February-1 March 2020 in Bogor, West Java, UNAIR delegation brought home 11 gold, three silver, and one bronze medals.

“Hopefully, the achievements we have made whip up our enthusiasm to be prouder of this beloved campus,” said Dicky Hengky Dwi Pambudi, chairman of UKM Taekwondo.

UNAIR Discovers Drug Combinations for Fighting Covid-19



UNAIR representative and Surabaya Mayor Tri Rismaharini (left) during the mask aid handover

The Universitas Airlangga (UNAIR) research team found five drug regimen combinations that could potentially be a drug for Covid-19 patients. With support from the Indonesian National Intelligence Agency (BIN) and several parties, the drug findings on Friday (12/6/2020) were announced in Jakarta directly led by colonel Drs. Bambang Sunarwibowo, S.H., M.Hum.

Chairperson of the Universitas Airlangga Stem Cell Research and Development Center, Dr. dr. Purwati, Sp.PD, K-PTI FINASIM said that the drug consisted of Lopinavir / Ritonavir with Azithromycin; Lopinavir / Ritonavir with Doxycycline; Lopinavir / Ritonavir with Clarithromycin; Hydroxychloroquine with Azithromycin; and Hydroxychloroquine with Doxycycline.

The combinations of these drug regimens have good potential and effectiveness to kill the virus. The dose of each drug in the combinations is one fifth and one third smaller than the single-dose, thereby reducing the toxic effects of the drug when given as a single drug.

“Now, there are hundreds of drugs that have been produced and will be distributed to hospitals in need,” she concluded.

In addition, in the field of stem cell research, the UNAIR research team also launched news about two formulas, namely Haematopoietic Stem Cells (HSCs) and Natural Killer (NK) cells. “From the results of the HSC challenge test, it was found that after 24 hours, the SARS-CoV-2 virus from Indonesian isolates had been eliminated by these stem cells. Meanwhile, the results of the NK cells test against viruses, after 72 hours, some viruses can be inactivated by the NK cells,” she explained.

Therefore, both formulas have good potential and effectiveness as a prevention and treatment of Covid-19 disease caused by the SARS-CoV-2 virus.

On the other hand, UNAIR academic community continues to conduct social services for residents affected by health disasters in Surabaya. For example, what was done by Volunteers of Covid-19 UNAIR Student Executive Board who founded the Dapur Mandiri (Independent Kitchen). Dapur Mandiri is making ready meals that will be distributed to people in need in several areas of Surabaya.

Meanwhile, the Faculty of Public Health (FKM) Universitas Airlangga (UNAIR), in collaboration with UNICEF, donated 7,270 masks to the people of Surabaya through the city government on Tuesday (9/6/2020). The mask aid handover was held at Surabaya City Hall. “The purpose of giving masks to the people of Surabaya is to invite all of us Surabaya citizens to be obedient in carrying out health protocols to deal with the new normal,” said Dr. Nyoman Anita Damayanti, drg., MS, the person in charge from UNAIR.



BEM UNAIR Activity in distributing food to the community



Prof. Moh. Nasih was re-elected as UNAIR Rector

guests while still implementing the existing health protocols. This election is a MURI Indonesia record as the first rector election conducted online.

The designation of UNAIR Rector for the Period of 2020-2025 was decided based on the UNAIR MWA Plenary Meeting held online on March 31, 2020. The very first online Rector election was led directly in Jakarta by the Chairman of the UNAIR MWA M. Hatta Ali, who also served as Chief of the Supreme Court (MA). By acclamation, Prof. Moh. Nasih was elected as the rector.

“The draft and selection processes were carried out accountably. In the end, deliberations to reach consensus were also carried out by the MWA. Hopefully, UNAIR will be able to advance further as a respected, world-recognized university, by continuing to uphold the value of excellence with morality,” said Prof. Hatta Ali.

Many important figures were present at the rector inauguration this time. Among them were the Chairman of the MWA Prof. Hatta Ali, the Chairman of the Academic Senate Prof. Djoko Santoso, the Coordinating Minister for Human Development and Indonesian Culture Prof. Muhajir Effendy, Surabaya Mayor Tri Rismaharini, and several internal guests.



Chairman of the Universitas Airlangga Board of Trustees (MWA) Prof. Hatta Ali appointed Prof. Moh. Nasih as UNAIR Rector for the Period of 2020-2025. The inauguration was held on Tuesday (16/6/2020) at the Garuda Mukti Hall, UNAIR Management Office Campus C.

After going through the selection process, which started in January 2020, Prof. Moh. Nasih was re-elected as UNAIR Rector. The inauguration was attended by many important figures and internal

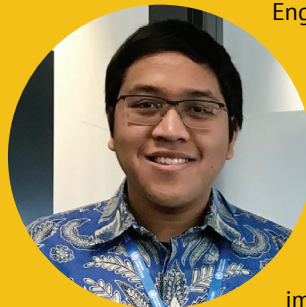
An alumnus of the Faculty of Medicine Works in Europe

UNAIR always produces quality graduates who are ready to contribute to the community, both at national and international levels. One of them, an alumnus of medical education at the Faculty of Medicine, is Dr. H. Satria Arief Prabowo, MD., Ph.D.

In 2019, Satria was entrusted to be part of a team to compile WHO guidelines for the treatment of Drug-Resistant Tuberculosis (MDR TB) in children and adolescents in Europe. The book has been published and can be accessed on the WHO website.

The award-winning Indonesian Museum of Records as the youngest doctoral graduate in Medical Sciences in Indonesia in 2019 (at the age of 25) began to be involved in the Tuberculosis vaccine

development team while undergoing research training in Groningen, the Netherlands in 2012. He continued that research while pursuing doctoral programs at the London School of Hygiene and Tropical Medicine, England.



The vaccine development was completed at the end of 2019 after undergoing phase III clinical trials with satisfactory results. In early 2020, Satria and the team met with the WHO TB Program Director, who later agreed to provide support for the vaccine to be implemented in TB endemic countries such as Indonesia soon. (*)



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HEBAT**



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EDITORIAL

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