

### THREE STUDY PROGRAMS OF THE ENGINEERING FACULTY UNHAS UNDERGO THE ASIIN INTERNATIONAL VISITATION

The ASIIN assessed three study programs of Engineering Faculty Universitas Hasanuddin (Unhas) namely; Mining engineering, Naval Architecture, and Industrial engineering. The opening ceremony was conducted on Monday, December 13th, 2021 at the Academic Senate room, located on the 2nd floor of Unhas rectorate building. It was held offline with limited participants and by implementing the Covid-19 prevention protocols. It was also virtually connected through a zoom meeting application to the assessors from ASIIN. The assessment was lasted until 04.30 pm WITA on December 16th, 2021.

Unhas Rector, Prof. Dr. Dwia Aries Tina Pulubuhu, MA., expressed her gratitude for the international accreditation process that was again carried out by Unhas. She said the assessment was proof of Unhas's achievement in which Unhas continued to improve the quality of education through involvement in International accreditation. Although the assessment was conducted virtually, she believed that ASIIN had established good accreditation procedures for the online process, thus, the quality of the assessment is maintained even better than before.

As one of the largest and fastest-growing universities in Indonesia, Unhas now has 212 study programs ranging from

diplomas, bachelors, masters, doctorates, professions, to specialists. The number of students is around 40,000, of which consist of about 25,000 undergraduate students. All study programs are currently nationally accredited by the National Accreditation Board for Higher Education or BAN-PT.

Unhas has also succeeded in increasing and maintaining institutional accreditation with an A rating in 2017, the highest accreditation status rating given by BAN-PT. the quality of ASIIN accreditation procedures is in line with Unhas' strategic goal to be recognized internationally," explained Prof. Dwia.

Representing ASIIN, Prof. Dr. Horst Brezinski expressed his gratitude because Unhas is one of the universities that commit to quality development. He said, even though it was carried out online, the series of activities were by procedures to ensure the quality of the process.

#### PSM UNHAS WINS GOLD DIPLOMA LEVEL 1 AT THE RIMINI INTERNATIONAL CHORAL COMPETITION 2021



The Student Activity Unit (UKM) Student Choir (PSM) Universitas Hasanuddin once again won a proud achievement in the international arena by receiving the "Gold Diploma Level 1" award for category D (Popular, Folk, and Spiritual/Gospel) at the Rimini International Choral Competition (RICC) 2021 with 89.00 points.

The competition, which was held online from Friday (12/11) to Sunday (14/11), is an annual event held in the city of Rimini, Italy, and was attended by 50 choirs from 12 countries. During the pandemic, the Rimini International Choral Competition was held online which participants were required to send a live recording video without being edited at all. In the show, the PSM Unhas team presented a Toraja song entitled 'Langkan Maega' with choreography, costumes, and traditional Toraja music led by Anshari Sanusi as conductor.

Through an interview on Sunday (12/12), Anshari Sanusi explained that the selection of Folk songs came from Toraja which was arranged directly by him and Ridho Arraiman who are alumni of Unhas and a traditional music player by Cakra Dwi Saputra as the chairman of UKM PSM Unhas.

Furthermore, Anshari said the challenges faced by PSM Unhas at the beginning of the pandemic were very difficult to adapt for implementing health protocols based on standards during training.

"At the beginning of the pandemic, we were very worried because wearing masks hindered the sound quality and in conditions of distance rules that made it difficult for us to maintain sound harmonization. But now we can adapt because everyone has been vaccinated, but remain adheres to health protocols," said Anshari.

Anshari hopes to continue to excel in various competitions in person and online. "Currently we are preparing to participate in the 2022 activities. God willing, we will participate in the most prestigious competition in the world, namely The 12th World Choir Games in Gangneung City, South Korea in July 2022, we expect support and prayers from Unhas colleagues," concluded Ansari.

# UNIVERSITAS HASANUDDIN

## TOP SERIES WEBINAR CONDUCTED BY UNHAS DISCUSSING POTENTIAL UTILIZATION OF ZEBRA FISH FOR RESEARCH



The Faculty of Mathematics and Natural Sciences, Hasanuddin University held a webinar entitled "Top Scientist Webinar Series 18". This webinar is part of the World Class University program. This activity was carried out virtually with the theme "Non-mammalian Models in Biomedical Research: Zebrafish Steal the Show!"

The speaker for this webinar is Dr. Anirban Chakraborty (Dean-Faculty of Biological Sciences Nitte, University Center for Sciences Education and Research).

The activity was opened by Prof. dr. Moh. Nasrum Massi, Ph.D., Sp.MK as the Vice-Rector for Research, Innovation, and Partnerships, also gave a speech.

One of which was conveyed by Prof. Nasrum related to this theme is important to develop research, especially regarding covid-19 because it is known that this Zebrafish is widely used as research test material among researchers.

During the activity, Dr. Anirban conveyed an explanation regarding the Zebrafish species in which the transparent shape of the Zebrafish can help scientists study the vascular system and other systems by including fluorescence. In addition, Zebrafish research has resulted in knowledge of cancer, diabetes, and other diseases. This fish has the potential to advance medical research in the future.

In addition to the presentation of the material, there were also discussion and question answer sessions guided by Dr. Irma Andriani, S.Pi., M.Sc., a Lecturer in the Faculty of Mathematics and Natural Sciences.

## THE JOURNAL FROM FACULTY OF AGRICULTURE OF UNHAS INDEXED BY SCOPUS, FIRST IN ASIA FOR TRADITIONAL FOOD SECTOR

Canrea Journal in Food Technology, Nutrition and Culinary Journal managed by the Department of Food Science and Technology has been indexed by Scopus. The Scopus Content Selection and Advisory Board (CSAB) previously reviewed the Journal, and the result was announced on December 23rd, 2021. This accomplishment makes Canrea Journal the first Journal in Asia for Traditional Food Sector and the first Journal in Indonesia for Food Technology indexed by Scopus.

In an interview on Friday (24/12), Ir. Andi Dirpan, S.TP, M.Si, Ph.D., (Editor in Chief of Canrea Journal) conveyed that the Journal was first published in 2018 with the first publication in Indonesian. A year later, Canrea Journal has successfully accredited with Sinta 3 (Indonesian Journal Accreditation system). Eventually, the achievement encouraged the editors to expand Canrea's scope. Regarding the uniqueness of the Canrea Journal, Dirpan said that it is the name of the

journal 'Canrea' derived from the local language of south Sulawesi, which is strongly related to traditional food.

This Scopus indexation can affect Unhas' reputation in World Class University (WCU) program. This achievement also guarantees better quality and benefits for improvement and at the same time encourage the number of writings by the academic community in Unhas.

Prof Arsyad added that Unhas has committed to fostering Journal publication in the Social and Humanities scope to achieve the same result as three journals indexed by Unhas Scopus in science.

source: www.unhas.ac.id

### UNHAS HELD ICOB CONFERENCE TO DISCUSS BIOTECHNOLOGY FOR SUSTAINABLE DEVELOPMENT

Universitas Hasanuddin (Unhas) through the Department of Biology, Faculty of Mathematics and Natural Sciences (FMIPA) held an international conference entitled "The 1st International Conference on Biology (ICoB)". This conference had the theme "Biodiversity and Biotechnology for Sustainable Development Goals". The activity took place starting at 08.30 Central Indonesian Time (WITA) virtually through the Zoom meeting application, Saturday (11/12). Attending as the main speaker was Prof. Dr. Mohd Ilham bin Adenan (Mara University of Technology, Malaysia). The other speakers were namely Dr. Ravenska Wagey (STEMCELL Technologies Inc, Canada), Dr. rer. nat. Dominik Kneer (ZMT Bremen - Germany), Prof. Shihui Yang (Hubei University, China), and Prof. Dr. Budi Setiadi Daryono, M.Agr., SC (Gadjah Mada University, Indonesia).

Starting the activity, the Chairman of the Committee, Dr. Magdalena Litaay, M.Sc., explained that ICoB is the first conference organized by the Department of Biology. ICoB presented speakers from various countries who would provide an overview of biodiversity and biotechnology that is beneficial for sustainable development. The participants came from various educational institutions and the public. The activity was officially opened by the rector of Unhas, Prof. Dr. Dwia Aries Tina Pulubuhu, MA. In her speech, she expressed her appreciation for the implementation of the first ICoB with speakers from various disciplines. According

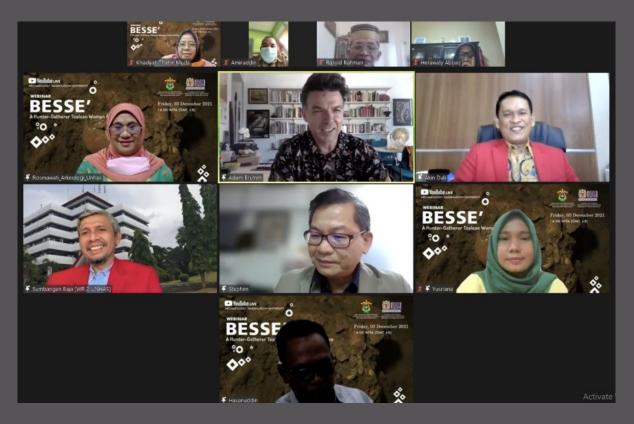
to her, ICoB is a forum for researchers to share experiences and then exchange ideas in biological and applied sciences.

"The issues discussed are very important, especially in responding to the Covid-19 pandemic. Research is needed to find out the benefits of biodiversity and can help the community in efforts to improve quality.

I believe, there will be interesting ideas or ideas that can be developed. This is also a bridge for collaboration from other researchers," explained Prof. Dwia. Prof. Dr. Mohd Ilham bin Adenan as the main speaker explained about "Acetylcholinesterase, Oxidative, Stress and Inflammation Inhibitory Potentials of Centella Asiatica Extract on Cell Lines and Brain Tissues Homogenates of Sprague Dawley Rats".

Other materials were also presented by Dr. Ravenska Wagey related to "Applications of Mesenchymal and Endothelial Cells in Regenerative Medicine". He generally explains about Mesenchymal stem cells (MSC) or mesenchymal stem cells that are useful as therapeutic cells.

## HASANUDDIN UNIVERSITY AND USM COLLABORATE TO HOLD AN INTERNATIONAL WEBINAR ON THE BESSE SKELETON



Hasanuddin University through the Department of Archeology, Faculty of Cultural Studies in collaboration with the Archaeological Research Center of Universitas Sains Malaysia (USM) held an International Webinar with the theme "Besse: A Hunter-Gatherer Toalean Woman from Wallacea".

This activity took place virtually through the Zoom Meeting application on Friday, December 3rd, 2021. There were several speakers in this activity, including Prof. Dr. Akin Duli, MA, as the Dean of FIB Unhas, Prof. Adam Brumm from the Research Center for Human Evolution, Australia, and Dr. Hasanuddin from the South Sulawesi Archaeological Center. Also present were the Head of the Archeology Department, FIB Unhas, Dr. Rosmawati, S.S., M.Sc., and the Vice-rector for Planning, Finance, and Infrastructure Unhas, Prof. Ir. Sumbangan Baja, M.Phil., Ph.D. This activity was also guided by Prof. Dr. Stephen Chia (Director of the USM Malaysia Center for Archaeological Research) as moderator.

In this activity, several important things were discussed, including the discovery of an ancient human skeleton which was later named Besse as a supporter of culture and a new understanding of the migration paths of Indonesian ancestors and will certainly have an impact on the writing of Indonesian history.

Prof. Adam explains that much is still unknown about the history of early modern human populations in Southeast Asia. The archaeological record is sparse and the tropical climate contradicts the preservation of ancient human DNA until now only two low-coverage pre-Neolithic human genomes have been sequenced, both originating from mainland Hoabinhian hunter-gatherer sites.

### UNHAS HELD WEBINAR TOP SCIENTIST DISCUSSING NEW VARIANT OF COVID-19 AND VACCINE EFFICACY



The Faculty of Medicine (FK) Universitas Hasanuddin held a webinar entitled "Top Scientist Webinar Series 19" under the theme "Covid-19 Variants and Vaccine Efficacy". The activity took place starting at 15.00 WITA online through the Zoom meeting application, Saturday (11/12). Attending as speakers were J.L (Jan) Nouwen, M.D., M.Sc., Ph.D., Assoc. Prof. Internist-Infectious Disease (Erasmus MCU Rotterdam, The Netherland) and Dr. dr. Vivi Setiawaty, M. Biomed (National Institute for Health Research and Development, Indonesia).

Starting the activity, the Dean of the Unhas Medical Faculty Prof. Dr. Budu, M.Med.Ed., SpM(K)., Ph.D., in his speech expressed his gratitude to the speakers. The themes discussed related to Covid-19 and vaccines are important to be known together, especially in the new normal era. Furthermore, Prof. Budu explained that the views of the speakers were expected to be a reference in handling and vaccination programs in Indonesia, especially in South Sulawesi. He hoped that the participants could gain new knowledge from the webinar.

The activity was officially opened by the Vice-Rector for Research, Innovation, and Partnerships, Prof. dr. Nasrum Massi, Sp.MK, Ph.D. In his remarks, he said that Unhas consistently supports activities that encourage various steps to achieve World Class University, including one of them in the internationalization process by involving many potential partners. "I believe the topics discussed will be very interesting, especially regarding the development of Covid-19, which is currently still a global problem," explained Prof. Nasrum.

The first material was delivered by Nouwen regarding "Covid-19: Vaccine Efficacy and Variants". In general, he explained several important points regarding Omicron as a new variant of Covid-19 which was first discovered in South Africa. This variant of quinine has spread to several countries, such as India, the United States, England, and the Netherlands. Furthermore, he said Omicron is a variant of SARS-CoV-2, a coronavirus that causes Covid-19. WHO said this variant needs to be watched out for. Therefore, vaccination is an available option. The effectiveness of the vaccine will decrease after six months after being given, the body's antibodies will drop by 15-20%. For this reason, a vaccine booster is needed to optimize vaccine administration at the 7th or 8th month after receiving the vaccine.

## FACULTY OF ECONOMICS & BUSINESS OF UNHAS HELD AN INTERNATIONAL CONFERENCE ICAME DISCUSSING ECONOMIC TRANSFORMATION IN THE NEW NORMAL ERA







### Discovering the Role of Digital Innovation during COVID-19 – Evidence from IDX firms

#### Dr. Arnold Japutra

Senior Lecturer – University of Western Australia

Digital Economy Fellow – Australia-Indonesia Centre

The Faculty of Economics and Business (FEB) of Universitas Hasanuddin held an international conference entitled "The 6th International Conference on Accounting, Management, and Economics (ICAME)" under the theme "Organizational Transformation Synergy in the New Normal Era". The activity took place virtually through the Zoom meeting application starting at 08.30 WITA on Wednesday (15/12).

Commencing the event, the Dean of FEB Unhas, Prof. Dr. Abdul Rahman Kadir, M.Si, CIPM., explained that the Covid-19 pandemic had affected various sectors, including the economy and new economic policies were established adapted to the new normal era, which generated significant impact. Thus, collaboration with various parties is needed to optimize the transformation of the economy in the current new normal era.

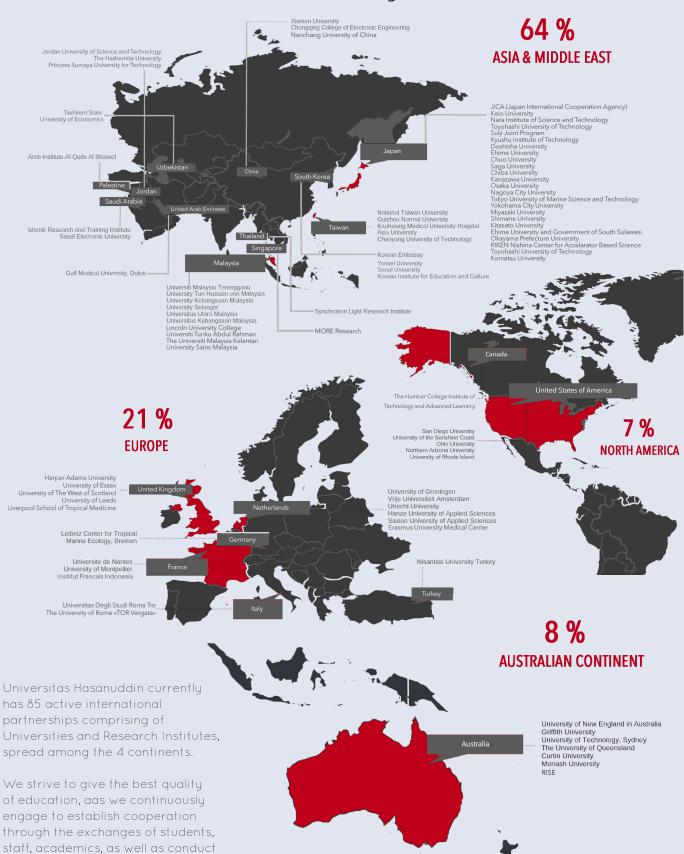
This conference presented keynote speakers, i.e. Arnold Jayaputra B.Sc., MBA., Ph.D. (The University of Western Australia), Ass. Prof. Desi Arisandi, Ph.D. (Singapore Institute of Technology), Prof. Ian Douglas Miles (University of Manchester, UK), dan Prof. Dr. Marzuki, DEA., Ph.D (UNHAS, Indonesia). The initial material was delivered by Ass. Prof. Desi Arisandi, Ph.D. on "Applied Research Showcase". He

provided an example of the application of management-based accounting. Credit Counseling Singapore (CCS), a charitable organization, helps people in Singapore pay off their unsecured debts through the Debt Management Program (DMP). The CCS is the only organization recognized by The Association of Banks in Singapore (ABS) for its commitment to helping individuals in debt cope with unsecured debt through counselling, education, and facilitating debt repayment arrangements.

Another material was also delivered by Arnold Jayaputra B.Sc., MBA., Ph.D., regarding "Discovering the Role of Digital Innovation during COVID-19-Evidence from IDX firms". He said, since the pandemic, there has been a decline in the global economy of approximately 3%. Indonesia experiences a drop of 2% recorded from 4.97% to 2.97%. Roughly 70% of Indonesian consumers have used at least one digital-based service during the pandemic, for example, the pattern of shopping behaviour. Data shows that 60% of consumer growth is purchasing online for most of the products they need.

#### **ACTIVE PARTNERSHIP**

#### as of February 2021



joint research and conferences.

FACULTY &

## STUDY PROGRAM

Universitas Hasanuddin consists of 15 Faculties covering wide varieties of majors in natural sciences, social sciences, engineering and many others.

- Faculty of Agriculture
- Faculty of Social & Political Sciences
- Faculty of Cultural Sciences
- Faculty of Mathematics & **Natural Sciences**
- Faculty of Economics & Business
- Faculty of Medicine
- Faculty of Law
- Faculty of Pharmacy
- Faculty of Dentistry
- Faculty of Forestry
- Faculty of Engineering
- Faculty of Animal Husbandry
- Faculty of Marine Sciences & **Fisheries**
- Faculty of Public Health
- Faculty of Nursing

Postgraduate Program at Unhas offers doctoral & master programs in wide range of majors including Health Sciences, Natural Science, Engineering and many others. Faculty of Postgraduate consists of 50 master study programs and 17 doctoral programs. The following lists are the master study program available at Unhas:

- Agricultural system
- Regional Planning and Development
- Environment management
- Resources economics
- Linguistics

- Economics Dev & Planning
- Dev. Administration
- Legal Science
- Agribusiness
- Chemistry
- Indonesian Language
- Urban Management
- Communication
- Bio Medic Science
- Sociology
- Financial Management
- Public Health
- Anthropology
- Gender and Development
- Master of Management
- Mechanical Engineering
- Civil Engineering
- Medical Specialist
- Pharmacy
- Master of Regional Finance
- Electrical Engineering
- Infrastructure Planning
- Transportation
- Agrotechnology
- Rural Planning & Dev.
- Agroindustry
- Geophysics
- Geology
- Marine Science
- Architecture
- Fisheries Science
- Accounting
- Mathematics

- Notary Affairs
- Forestry Science
- Food Science & Tech
- Agricultural Engineering
- Livestock Tech. & Science
- Plant PEST & Disease
- Nursing Science
- Political Science
- Midwifery
- Physics
- Biology
- English Language

The following lists are the doctorals available at Unhas:

- Agricultural Science
- Medical Science
- Linguistics
- Legal Science
- Economics
- Chemistry
- Civil Engineering
- Public Administration
- Public Health
- Anthropology
- Fisheries Science
- Architecture
- Mechanical Engineering
- Environmental & Geology
- Electrical Engineering
- Communication Science
- Pharmacy

#### STAY CONNECTED



Universitas Hasanuddin

☑ info@unhas.ac.id internationaloffice@unhas.ac.id f hasanuddin.university

@ hasanuddin univ

@ hasanuddin\_univ