





# THE PARK vol. 30

- Success Stories of MFU
- International Collaboration and Collaborative Activities
- Internationalization and Students Activities









#### **Mae Fah Luang University**

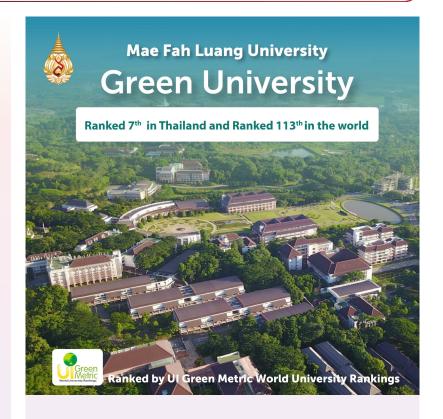
Ranked 1st in Thailand for the 3rd consecutive year

by THE World University Rankings 2022

Thailand's Top in Citations and International Outlook

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# 23 Years of Excellence:

Implementing Digital
Transformation to Become
a Leading University in ASEAN
with International Recognition



• The President of MFU, Assoc.Prof.Dr. Chayaporn Wattanasiri

On 25 September 2021, Mae Fah Luang University celebrated its 23<sup>rd</sup> anniversary for myriad achievements in promoting teaching, research, academic services, and arts and culture conservation via the online platform.

As a result of its continued efforts, Mae Fah Luang University ranked 1st with highest score in the research citation and international outlook categories in Thailand in Times Higher Education World University Rankings for the 3rd consecutive year.

Assoc.Prof.Dr. Chayaporn Wattanasiri, The President of MFU, said that according to the COVID-19 situation, MFU has adapted to online teaching and learning with modern pedagogy. The University established the technical and innovative support unit called "MFU Learning Innovation Institute (MLII)" and has developed the "MFU Academy", a learning platform for public learners, to help students acquire knowledge and essential 21st century skills and be ready to work.

In the last year, 289 research papers of MFU have been published in the international journals in the fields of Science and Technology, Health Science and Humanities and Social Science. MFU also received a score of 94.96, equivalent to A level in the Integrity and Transparency Assessment (ITA) organised by the Office of the National Anti - Corruption Commission (ONACC).

Driven by the determination and effort of everyone in MFU community, MFU will maintain its national academic leadership status and enhance the research capacity, research standard and collaboration with private sector and international partners focusing on community development. As a result, MFU has already been clusted as "Global and Frontier Research University" by the Ministry of Higher Education, Sciences, Research and Innovation (MHESI), Thailand.

#### **HIGHLIGHTS**

Chiang Rai Tea Product
Wins the Grand Gold Prize
in the World Green Tea Contest 2021
with Support from
the Tea and Coffee Institute of MFU



Mae Fah Luang University would like to congratulate Wang Put Tan Tea Plantation, Doi Mae Salong, Chiang Rai province for winning the Grand Gold Prize for its tea product "Khiri Black Tea" in the World Green Tea Contest 2021, held by the World Green Tea Association on 18 - 19 August in Japan. Out of 79 tea products from tea producing countries around the world such as Japan, China and Korea, the Khiri Black Tea was one of the Grand Gold Prize winners decided from the viewpoints of marketability and quality.

Asst.Prof.Dr. Piyaporn Chueamchaitrakun The Director of the Tea and Coffee Institute of MFU, stated that last year Thailand won the Gold Prizes for two tea products in the World Green Tea Contest 2020 which have built confidence in Thai entrepreneurs. Therefore, Thailand had decided to participate in the contest for the second time. Asst.Prof.Dr. Piyaporn Chueamchaitrakun added that before participation, the President of the Japanese Chamber of Commerce and the Tea and Coffee Institute tasted teas at Doi Mae Salong and found that the black tea has mellow taste and a unique aroma. With distinctive characteristics of Khiri Black Tea, the Tea and Coffee Institute was very confident for the competition.

The World Green Tea Contest is a competitive exhibition to propose innovative products that point to the future of green tea. All entries included samples for evaluation and display. Entry categories include loose leaf, tea bag, granule, beverage and others. The categories for evaluation and scoring include packaging (concept and naming, packaging design and cost effective) and quality of liquor (aroma and taste). The awards are Grand Gold Medal, Gold Medal, Packaged Award and Consolation Prize.

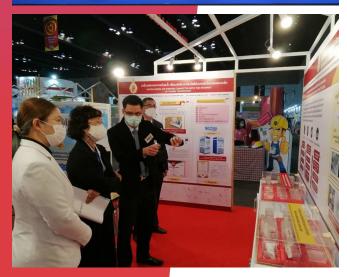


• Photo from Thai PBS News

## SUCCESS STORIES OF MFU







#### Mae Fah Luang University Wins the Platinum Award in Thailand Research Expo 2021

On 22 – 26 November 2021, MFU showcased current research projects and won the Platinum Award for "The Development of Disease-Free Turmeric Cultivation Technology and High Essence with Substrate Culture System" receiving a Royal Trophy from Her Royal Highness Princess Maha Chakri Sirindhorn, a certificate and prize money of 120,000 baht alongside Silpakorn University in the 16<sup>th</sup> Thailand Research Expo 2021 at Centara Grand & Bangkok Convention Centre at Central World, Bangkok.

The 16<sup>th</sup> Thailand Research Expo 2021 was held by the National Research Council of Thailand (NRCT), the Ministry of Higher Education, Science and Innovation in collaboration with public and private research networks in Thailand on the theme "Research for Thailand's development of security, prosperity and sustainability". This expo was a national stage where researchers and students present their quality research works, technologies and innovations.

This year, Mae Fah Luang University submitted four research works under a concept of 'MFU: Medical and Medicinal Innovation for Sustainable Development' including: 1) The Development of Substrate Culture System for Enhancing Root Rot Resistance and High Curcuminoids of Turmeric Planting by Asst.Prof. Dr. Rawiwan Charoensup; 2) Water-based Air Purifier Connected with the Internet of Things Technology by Asst.Prof. Arnon Jumlongkul, M.D.; 3) Innovative Implanted Medical Device from Thai Para by Assoc.Prof. Sittiporn Punyanitya, M.D.; and 4) Rice-cow Bone Based Anchor Bolt by Assoc.Prof. Sittiporn Punyanitya, M.D.

## Asst.Prof.Dr. Orawan Suwantong Wins L'Oréal Thailand's 'For Women in Science 2021'

Asst.Prof.Dr. Orawan Suwantong, a lecturer of the Applied Chemistry programme, the School of Science, won the L'Oréal Thailand's 'For Women in Science 2021' award for her research on "Development of cellulose sponges containing curcumin-β-cyclodextrin inclusion complex and chitosan for the treatment of chronic wound".

On 17 December 2021, L'Oréal (Thailand) Ltd. announced five outstanding Thai female researchers as the recipients of fellowship grants from L'Oréal Thailand's 'For Women in Science 2021' in two categories which are physical sciences and life sciences. Each recipient received a 250,000 thb research fund. The For Women in Science programmes was initiated in 1998 by UNESCO and the Fondation L'Oréal aiming to help empower more women scientists to achieve scientific excellence and participate equally in solving the great challenges facing humanity. For L'Oréal Thailand, this year was the 19th year of its support for outstanding female scientists. Moreover, there were 76 women from 20 institutions in Thailand who have been given the awards.





# Six MFU Lecturers Ranked in the World's Top 2% Scientists by Stanford University

Six MFU lecturers have been named in the global list of the top 2% of scientists created by Stanford University. The list identifies the top scholars in 22 scientific fields and 176 sub-fields by assessing their career-long impact until the end of 2020 and citation impact during the single calendar year 2020.



#### MFU Lecturer Wins an Award in the Innovation Week IWA 2021

Arnon Jumlongkul, M.D., a lecturer of the School of Medicine received the Gold certificate for his invention "Water-Based Air Purifier Connected with the Internet of Things Technology" in the online edition of the Innovation Week IWA 2021 organised in Morocco by OFEED under the Patronage of the International Federation of Inventors' Associations (IFIA) and main international partners including the Oxford Business Group, the Patent Magazine, PQAI American Initiative and Sharjah Research Technology and Innovation Park (SRTIP) from 8 - 12 September 2021.



#### MFU Students Win Prize in the International Triathlon: Ironguides Draft Legal Race 2021

Mr. Kenshin Mizushima, a second-year student from the Sports and Health Science programme, the School of Health Science showed the outstanding performance and won the 1st Place Overall Awards for Sprint Distance. Moreover, Mr. Chinnakrit Soongpankhao, a second-year student from the English programme, the School of Liberal Arts won the 6th place for Olympic Distance and the 11th place for Sprint Distance in the Ironguides Draft Legal Race 2021 held in Prachuap Khiri Khan province on 20-21 November 2021.





#### MFU Alumnus and Students Awarded 1.5 Million Baht from the Youth Startup Fund 2021

MFU alumnus and students from the School of Cosmetic Science, the School of Sinology and the School of Social Innovation was awarded 1.5 million baht from the Youth Startup Fund 2021, the Office of the Permanent Secretary (OPS), Ministry of Higher Education, Science, Research and Innovation for supporting their project "MUSE MASTER: the platform providing sound backing tracks for Youtubers, singers and musicians".



#### Applied Chemistry Student Wins the Bronze Prize Young Rising Stars of Science Award 2021

Ms. Phanawat Charoensuk, a student from the Applied Chemistry programme won the Bronze Prize Young Rising Stars of Science Award 2021 in the 47<sup>th</sup> International Congress on Science, Technology and Technology-based Innovation held online on 5 - 7 October 2021.





# MFU Environmental Health Lecturer Represents Thailand in an Interactive Dialogue with Nobel Laureates

Dr.Vivat Keawdounglek, a lecturer of the Environmental Health programme, the School of Health Science was selected and funded by the Thailand Science Research and Innovation (TRSI) to be the representative of Thailand in the STS Forum Young Leaders Programme held online on 30 September 2021. The "Young Leaders Programme" was an interactive and productive discussions about the development of the next generation of promising researchers between young leaders and Nobel Laureates. The programme was held by the Japan Science and Technology Agency (JST) and the Science and Technology in Society forum (STS forum) as a part of the STS forum: the 18th Annual Meeting, a platform for the world leaders to gather and discuss various issues related to science and technology.

# MFU Student Awarded the Global Undergraduate Exchange Program (Global UGRAD)

Ms.Artinuch Ketchaichana from the Logistics and Supply Chain Management programme, the School of Management has been one of nine Thai students receiving scholarships from the 2021 - 2022 Global Undergraduate Exchange Program to participate in the exchange programme at the Bridgewater State University in Bridewater, Massachusettes, the United States for one semesters from January to May 2022.



#### MFU Students Participate and Win Awards in the "Virtual AIMS Student Forum 2021"

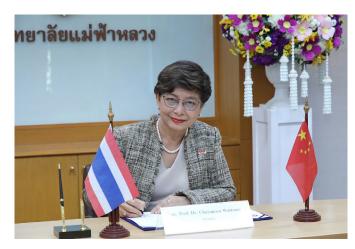
Seven MFU students were selected to participate as MFU SDGs Ambassadors in the "Virtual AIMS Student Forum 2021: SDG and I Impact, Inclusion and Innovation" held by Universiti Taknologi MARA (UiTM), Malaysia on 27 July - 28 August 2021. During this forum, MFU students were assigned to work on the project with 40 participants from AIMS participating universities. Each group needed to create a TikTok video to spread knowledge and awareness of the Sustainable Development Goals among the public.



# INTERNATIONAL COLLABORATION AND COLLABORATIVE ACTIVITIES



# MFU Joins the Virtual MOU Signing Ceremony in the 3<sup>rd</sup> Forum on China-Thailand Higher Education Cooperation & 2021 ACTU Assembly



On 24 September 2021, , Assoc.Prof.Dr. Chayaporn Wattanasiri, the President of MFU signed a Memorandum of Understanding (MoU) on Academic Cooperation and Exchange with Guizhou University of Finance and Economics, the People's Republic of China. Also, Mae Fah Laung University signed an Intercollegiate Cooperation Agreement with Guizhou University, the People's Republic of China.

The virtual MoU signing ceremonies were parts of the 3<sup>rd</sup> Forum on China-Thailand Higher Education Cooperation & 2021 Alliance of China-Thailand Universities (ACTU) Assembly. Moreover, in the University Presidents' Forum, the Vice President of Mae Fah Luang University, Assoc.Prof.Dr. Nantana Gajaseni gave the keynote speech on "New Cooperation of Thai-Sino Universities towards Belt & Road Initiative (BRI) in a New Normal."

### A Visit from the Ambassador of France to Thailand

On 22 November 2021, H.E. Mr. Thierry Mathou and the delegates from the Embassy of France in Bangkok paid an introductory visit to MFU to strengthen relationship and discuss further academic cooperation between France and MFU particularly with the School of Agro-industry and the School of Cosmetic Science.



#### MFU Executives Give Inspirational Talks in the EDUtech Thailand 2021

On 14 September 2021, Assoc.Prof.Dr. Chayaporn Wattanasiri, the President of Mae Fah Luang University participated in the live panel of the EDUtech Thailand 2021 supported by the Ministry of Education, Thailand on the topic of "Transforming Higher Education into Digital Education: Strategy for Change" along with Prof. Banchong Mahaisavariya, M.D., the President of Mahidol University; Assoc.Prof.Dr. Jirapon Sunkhpo, the Vice President on Information Technology, Thammasat University; and Mr. Prakun Laohakittikul, the Country Manager, Aruba, a Hewlett Packard Enterprise Company.

Moreover, Assoc.Prof.Dr. Nantana Gajaseni, the Vice President of Mae Fah Luang University joined the fireside chat session with Prof.Dr. Kulthida Tuamsuk, the Director of the Smart Learning Innovation Research Center, Khon Kaen University on the topic of "Instilling a Culture of Digital Innovation in Higher Education Insinuations."



## The Online MOU Signing Ceremony Between MFU and GUCM

On 7 December 2021, Assoc. Prof Dr. Chayaporn Wattanasiri, the President of Mae Fah Luang University and the Rector of Gansu University of Chinese Medicine, China, Dr. Zhao Jirong signed a Memorandum of Understanding (MoU) for academic collaboration between the two universities in the field of Traditional Chinese Medicine via online platform.



#### A Dinner Meeting with the Australian Ambassador to Thailand

On 25 October 2021, the Ambassador of Australia to Thailand, H.E. Mr. Allan McKinnon PSM hosted a dinner meeting with the President of MFU, Assoc.Prof.Dr. Chayaporn Wattanasiri; Vice Presidents, Assoc.Prof.Dr. Nantana Gajaseni and Prof.Dr. Sujitra Wongjasemjit at Le Méridien Chiang Rai Resort. The purposes of this meeting were to exchange ideas and discuss further academic cooperation between MFU and Australia.



#### **MFU International Collaborations**

#### **September - December 2021**

•	2 Sep 2021	Gender Equality Office of Kobe University, Japan	
•	24 Sep 2021	Guizhou University of Finance and Economics, China	4:1
•	27 Sep 2021	College of Information and Electrical Engineering, Asia University, ROC (Taiwan)	
•	23 Oct 2021	Center for Global Field Study, University of Washington, United States	
•	30 Oct 2021	Instituto Nacional de Technologia Agropecuaria, Argentina	
•	16 Dec 2021	Universiti Tunku Abdul Rahman (UTAR) Student Exchange Agreement, Malaysia	

#### **International Visiting Scholars**

#### **September - December 2021**

•	Assoc.Prof. Gao Bingliang, Ph.D. Rungtiwa Phookamsak, Ph.D. Prof. Chun Bai, Ph.D. Assoc.Prof. Dongmei Li, Ph.D.	Huaqiao University, China Kunming Institute of Botany, China academy of Science, China Beijing Foreign Studies University, China Julin University, China	MA
•	Assoc.Prof. Takayoshi Maki, Ph.D. Assoc.Prof. Yukiko Takeuchi, Ph.D. Assoc.Prof. Yukiharu Ogawa, Ph.D.	Hiroshima University, Japan Kumamoto University, Japan Chiba University, Japan	0
•	Ms. Erein Therse Balolong Acer Felina Penas Espique, Ph.D.	San Pedro College, Philippines Saint Louis University, Philippines	
•	Prof. Eyad H A Elyan Mr. Michael Intal Magcamit, Ph.D.	Robert Gordon University, United Kingdom University of Leicester, United Kingdom	
•	Asst.Prof. Shah Hussain, Ph.D Asst.Prof. Arooj Naseer, Ph.D	University of Swat, Pakistan University of the Punjab, Pakistan	
•	Heru Fahlevi, Ph.D.	Syiah Kuala University, Indonesia	Mary A
•	Assoc.Prof. Chen-Yeon CHU	Feng Chia University, ROC (Taiwan)	
•	Mr. Aaron Tung Wei Jia, Ph.D.	Woodside Energy, Australia	
•	Assoc.Prof. Mousa Najafiniya, Ph.D.	Iranian Research Institution of Plants Protection (IRIPP) Plant Protection Research Department, Iran	
•	Prof. Christine Germaine Le Scanff, Ph.D.	Paris-Saclay University, France	
•	Prof. Murali Raman, Ph.D.	University of Technology and Innovation Country, Malaysia	
•	Prof. Azizuddin Khan, Ph.D.	Indian Institute of Technology Bombay, India	
•	Prof. Andrew Chi Kin Law	Royal College of Surgeons in Ireland & University College Dublin, Ireland	
•	Assoc.Prof. Mikio Oishi, Ph.D.	Asian University for Women, Bangladesh	

#### **Internationalization and Student Activities**

#### The Virtual Dinner with Thai Buddies

On 3 September 2021, the Global Relations Division arranged the Virtual Dinner X Buddy activity for new international students to share their dinners while interact with Thai buddies and friends from other Schools. 50 full-time and exchange international students from China, Korea, Nigeria, Bhutan, Myanmar, Germany, Czech Republic participated this event both online and on campus.





#### **Happy Bags for You**

On 27 September 2021, the Vice President of MFU, Assoc.Prof.Dr. Nantana Gajaseni and the Global Relations Division (GRD) provided the welcome gifts, "Happy Bag for You" containing essential items such as mask, hand sanitiser gels, water bottles and snacks to new international students who are staying in both on-campus dormitories and off-campus dormitories. Specially, GRD also gave the birthday cakes to students born in September for celebrating their birthday.

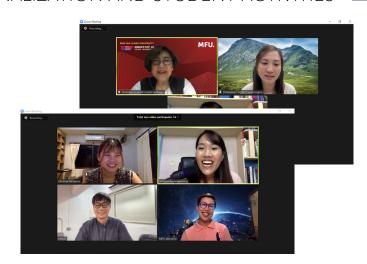
#### City Tour Activity: Exploring Chiang Rai While Making New Friends

On 19 September 2021, 30 new international students got to know each other and learned about Northern Thailand's way of life and culture through an exciting one-day trip to local attractions in the Chiang Rai province such as the White Temple, Singha Park, and Choui Fong tea plantation.



#### **MFU Go Global Fair 2021**

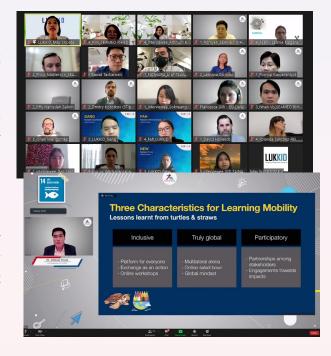
On 2 - 16 October 2021, the Global Relations Division held 'MFU Go Global Fair 2021', a series of talks under the themes of 'Let me share with you, I went to...' presented by MFU alumni who went to study in Finland and Korea; and 'Once upon a time, when I was...in' presented by MFU lecturers who went to study in Japan, Taiwan, the UK and the USA via online platforms to provide an exclusive opportunity for MFU students to learn more about studying abroad and be inspired by the alumni's stories.



#### MFU Student Shares Ideas in the ASEM Workshop on Youth Learners' Mobility in an Agile World

On 24 September 2021, Ms. Artinuch Ketchaichana, a fourth-year student of the Logistics and Supply Chain Management programme, the School of Management participated as one of youth leaders from Asia and Europe in the ASEM Workshop on Youth Learners' Mobility in an Agile World an SDG 14 "Life Below Water" Learning Programme as Case Study hosted by the Ministry of Education; the Ministry of Higher Education, Science, Research and Innovation; the Department of European Affairs, the Ministry of Foreign Affairs; SEAMEO RIHED; the ASEM Education Secretariat; the British Embassy to Thailand.

As the representative of young people who are the key stakeholders in this new learning mobility, she shared her ideas and viewpoints from her experience about the differences between physical mobility and virtual mobility. The discussion contributed to a concrete example of the SDG Virtual Mobility Learning Programme which can be applied to other SDGs or other topics of interest.



#### Law Lecturer Delivers Statement in the 64<sup>th</sup> Session of the United Nations Committee on the Peaceful Uses of Outer Space (UN COPUOS)

On 26 August 2021, Mr. Suwijak Chandaphan, a lecturer of the School of Law delivered the Statement of Thailand on Agenda Item 5: "Ways and Means of Maintaining Outer Space for Peaceful Purposes" in the 64<sup>th</sup> Session of the United Nations Committee on the Peaceful Uses of Outer Space (UN COPUOS) which was held in hybrid format from 25 August - 3 September 2021.



#### MFU Vice President Gives Speech in the UBD Global Perspectives

On 23 November 2021, MFU Vice President and the Interim Director of MFU Learning Innovation Institute (MLii), Assoc.Prof.Dr. Nantana Gajaseni was invited to be a speaker for a topic of "Paradigm Shift of Eductaion Transformation in Teaching and Learning Pedagogies in the New Normal: How to ensure the learning outcomes achievement" in the UBD Global Perspectives Webinar: "Redefining Teaching and Learning Pedagogies in the New Normal" organised by Universiti Brunei Darussalam (UBD) via Zoom Meeting platform.







#### Being Ready to Be ASEAN Young Leaders: MFU Students Join the Temasek Foundation-NUS Leadership Enrichment and Regional Networking Young Asian Leaders Initiative (TF-NUS LEARN YALI)

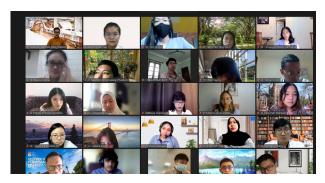


Prof. Tan Eng Chye, President of the National University of Singapore (NUS) inspired ASEAN participants who would be the future ASEAN Leader.

#### MFU Vice President Gives Speech in the 2021 International Conference on Decision Aid Sciences and Applications (DASA'21)

On 8 December 2021, MFU Vice President and the Interim Director of MFU Learning Innovation Institute (MLii), Assoc.Prof.Dr. Nantana Gajaseni was invited to be a speaker for a topic of "Innovative T&L in the New Normal: Equality, Accessibility and Quality are Mattered" in the 2021 International Conference on Decision Aid Sciences and Applications (DASA'21) via online platform along with a professor at NEOMA BS, Rouen Campus, France, Dr. Fouad Ben Abdelaziz; and the Vice President of International Activities at INFORMS, USA, Ms. Sue Merchant.

On 6 September – 16 November 2021, Mae Fah Luang University students received scholarship for participating in the online Temasek Foundation-NUS Leadership Enrichment and Regional Networking Young Asian Leaders Initiative (TF-NUS LEaRN YALI) with 120 undergraduates from 18 ASEAN universities.



#### COVID-19 MEASURES

#### MFU Offers 100,000 Capsules of Green Chiretta to the Chiang Rai Provincial Health Office

On 10 September 2021, Assoc.Prof.Dr. Chayaporn Wattanasiri the President of MFU and MFU executives offered 100,000 capsules of Green Chiretta or Fah Thalai Jone (Andrographis paniculata) under the brand "Cha Khun Van" (herbal products originated from MFU's research and manufactured from the MFU Herbal Medicine Laboratory) to the Chiang Rai Provincial Health Office for medical use on occasion of 23<sup>rd</sup> anniversary of MFU's establishment.





#### **COVID-19 Treatment and Vaccination at the MFU Medical Centre Hospital**

To support local community, the MFU Medical Center Hospital has offered 200 cohort ward beds on the 8<sup>th</sup> and 9<sup>th</sup> floor for COVID-19 patients. Since 18 April 2021, the MFU Medical Centre Hospital has provided not only treatment for 1,515 COVID-19 patients but also the COVID-19 vaccination for 21,599 people (as of 25 September 2021).



#### MFU Gets Ready to Welcome Students Back to Campus for 2/2021

The teaching of all courses of the second semester, academic year 2021 will be held at Mae Fah Luang University, using station rotation model with social distancing in order to prevent the spread of disease, from 5 January 2021 onwards.

With the new semester approaching, MFU is continuing to implement preventive measures to reduce the COVID-19 risks and make sure students can study and socialise safely. The University has created the website "covid19.mfu.ac.th" reporting the latest news and information regarding COVID-19 situation, travelling to Thailand, dormitories and other necessary information. Additionally, MFU will launch "MFU START Application" that consists of several functions including entry registration, self-assessment, vaccine profile, classrooms/laboratories/facilities check-in and check-out, and the real-time information of campus electric vehicles.

MFU also encourage students to have received at least one dose of COVID-19 vaccine in order to live on campus, attend classrooms, participate in activities and utilise services. If students have not received any vaccine, MFU will provide vaccination service at the MFU Medical Centre Hospital.

# Driving to Become a Leading University in ASEAN with International Recognition

#### THE PARK vol. 30



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