

Let's ACHIEVE!

By SHIRLEY C. AGRUPIS



"We work hard to make MMSU a COVID-19-resilient university."

I cannot be prouder because amid all the threats and risks, we never stop innovating and working hard to make MMSU a COVID-19-resilient university.

I would like to thank the whole MMSU family for the unity it has shown since the start of this pandemic until today. This would not have been possible without our brave front-liners — the security personnel, health and wellness staff, food service and accommodation staff, and drivers, who provided strong support during these critical times; the Office of Student Affairs and Services (OSAS) for the innovative ways of helping our students; administrative personnel for making sure transactions were still efficient despite the setbacks brought about by the quarantine; our academic personnel for reaching out to our students against all odds and being productive working from home, and our administrators who have consistently reported for work to make sure we all ACHIEVE our targets. With such dedication, we can confidently declare that COVID-19 will not defeat the MMSU spirit of service.

Last July 6, the Civil Service Commission-Ilocos Norte awarded the *Gantimpala Agad* Award to the MMSU National Bioenergy Research and Innovation Center for its innovative efforts to help the community in our collective fight against the coronavirus. It is indeed an honor to be conferred this award, which is really unexpected on our part as we only did what we could, following our mandate and using our meager resources, to respond

to the call to band as one and heal as one from this pandemic.

We also had a consultation on the Implementing Rules and Regulations of the Higher Education Management act, and the most important thing, is the continuous activities for the crafting of the Land Use Development and Infrastructure Plan (LUDIP). In line with this, we sat down with the Department of Environment and Natural Resources in Ilocos Norte to help us settle our concern in our Dingras landholdings. I hope that we will clear all these things by the end of this month.

—o0o—

We will soon ink our memorandum of understanding with the University of Saskatchewan, the top university in Canada. We were also included in the Magic 7 state universities and colleges of the University, with the Commission of Higher Education as the leader in this partnership. We also had a separate webinar with the officials, faculty and researchers from the University of Saskatchewan, confirming our partnership for a five-year research and development program, focusing on the indigenous communities and smart agriculture.

This month, our instructors and professors from CAS, CAFSD, CBEA, CTE, CIT and CASAT also crafted the class syllabi and content designs for the new general elective subjects.

To our MMSU faculty, I know that you have persistently attended face-to-face and virtual seminars to prepare for the coming first semester. I would also love to believe that you have started preparing for your flexible learning materials to really gear up for the New Normal teaching and learning. I truly recognize that without

all of your efforts, we can never stand against COVID-19.

Indeed, MMSU is blessed to have you, our dear faculty members, who are always on-the-go to uphold academic excellence amid the pandemic.

—o0o—

The University has started the works to improve our infrastructure and facilities to address the needs of the New Normal academic environment. We have started for the establishment of a world-class Flexible Learning Hub and college learning centers to be equipped with the needed technological tools. We have also rolled out training series, both face-to-face and webinars, to strengthen our teaching capability in the New Normal.

We also conducted the pre-dispersal training for the MMSU Coordinated Agribusiness, Research, and Extension Strategies for Technology Transfer (CARES) Program Phase 2. This activity serves as our active step in sustaining the promotion of its science and technology-based rice production activities while establishing an adhesive link with our farmers-cooperators.

The Office of External Linkages and Partnerships and the University Manpower Development Program never stop looking for opportunities for our faculty. This year, we are going to send some of our faculty members for online international scholarships. I hope that more faculty will be given scholarships through our dynamic partnerships with international universities. 

MMSU-Nagbacsan site to become agro-industrial ecozone

By DANIEL P. TAPAOAN, JR.

The Nagbacsan site in Brgy. Tabug, City of Batac has started its journey to become an Agro-Industrial Economic Zone (AIEZ) of the Mariano Marcos State University (MMSU).

According to MMSU President Shirley C. Agrupis, the Nagbacsan site is envisioned to become an integrated area for instruction, research, and production. In the development site, the College of Veterinary Medicine, an Agribusiness Complex, and other establishments through Private Partnership Projects (PPPs) will rise by 2025.

“As an AIEZ, it shall be a major driver of the province’s economic growth through knowledge and technology generation and transfer, and heightened synergy among the university, government agencies, and private industries,” she said.

As a jumpstart, members of the university administrative council, chiefs of offices, and other environment enthusiasts participated in the Strategies for a Pandemic-Resilient MMSU seminar cum tree-planting at the site last July 24.



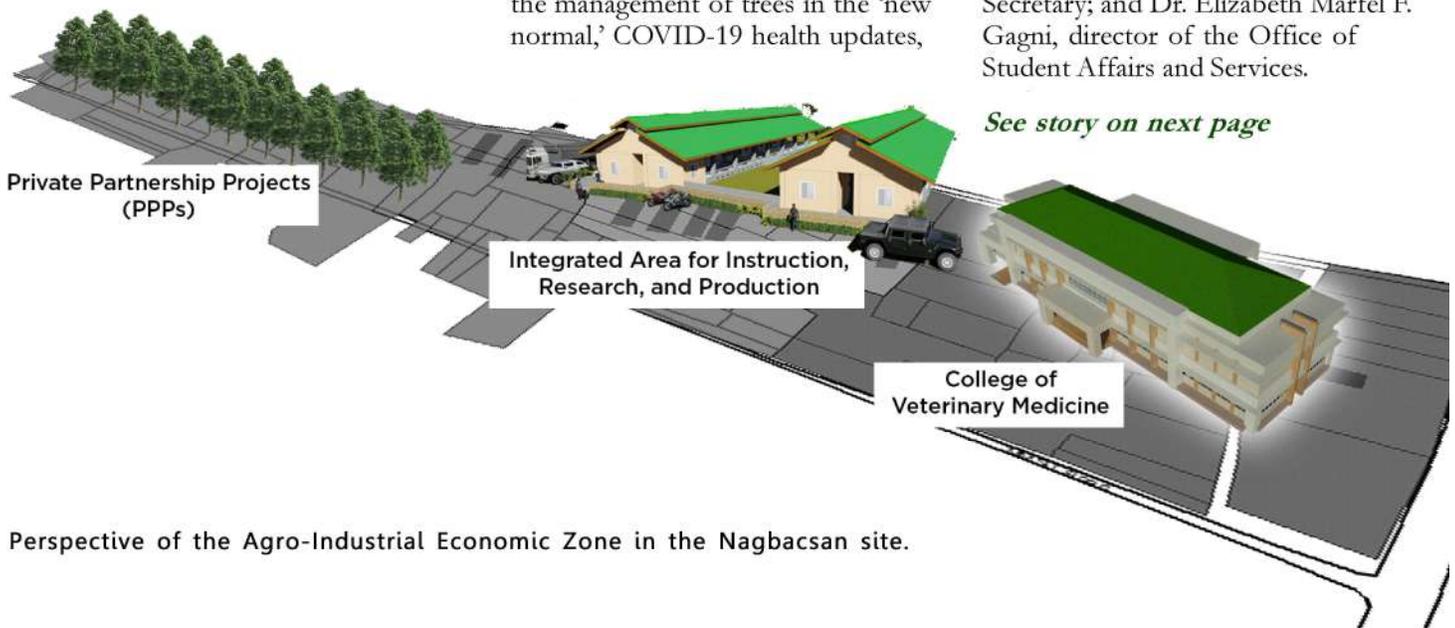
Led by Dr. Agrupis, the activity started with the planting of 274 tree seedlings of duhat, molave, mabolo, narra, and mango in the designated portion of the 11.81-hectare development site.

It was followed by a seminar on the management of trees in the ‘new normal,’ COVID-19 health updates,

use of ultraviolet lights against the virus, and the promotion of mental health.

These topics were discussed by the following experts, respectively: Dr. Joselito I. Rosario, CAFSD dean; Dr. Ricardo S. Guanzon, COM dean; Dr. James Patrick K. Peralta, COM Secretary; and Dr. Elizabeth Marfel F. Gagni, director of the Office of Student Affairs and Services.

See story on next page



Perspective of the Agro-Industrial Economic Zone in the Nagbacsan site.



From previous page

The event was participated in by Vice Mayor Windell Chua and the *Sangguniang Panlungsod* members of the City of Batac.

“We are recalibrating our dreams based on the demands of time,” Dr. Agrupis said as she thanked the university constituents for making the activity possible amid the limitations posed by the pandemic.

She emphasized that the transformation of the Nagbacsan site as an AIEZ is part of the MMSU’s Land Use Development and Infrastructure Plan (LUDIP), which serves as the university’s new compass in directing its vision.

Dubbed as “Sirmata 2040,” a team headed by Dr. Carmelo J. Esteban, vice president for planning and development, has already started developing the university’s land use plan by conducting planning workshops in each campus of the university and site visits. LUDIP is a requirement for state universities and colleges in accordance with the Republic Act 11396.

Aside from this, MMSU has also established a Special Economic Zone Institute (SEZI) in Region I, in partnership with the Philippine Economic Zone Authority (PEZA). It seeks to promote export-oriented investments and to increase productivity and income in the region.

Located at the MMSU National Bioenergy Research and Innovation Center (NBERIC) building, the SEZI envisions to develop the College of Aquatic Science and Applied Technology (CASAT) in Currimao town as an aquamarine zone and the

university’s forest reserve plantations in Brgy. Payao, City of Batac as an agroforestry zone. It also aims to establish the Knowledge, Innovation, Science and Technology Park inside the university main campus. 



(From L-R) Vice Mayor Windell D. Chua (1st) and the members of the Sangguniang Panglungsod in the City of Batac pose with the the following MMSU officials: President Shirley C. Agrupis (2nd); VP for administration and finance Ami Ruth Cocson (4th); and VP for academic affairs Prima Fe R. Franco (2nd, back). Former MMSU President Santiago R. Obien (3rd) also joins the city and university officials in the photo opportunity.

MMSU to champion flexible learning in Region 1



In transitioning to the 'New Normal' academic environment, MMSU conducts training-workshops on the use of virtual learning tools for faculty. It also conducted webinar sessions on strengthening their online teaching capabilities. With these efforts, the university is ready to extend its technologies and best instructional practices to other higher education institutions in the region.

By JOHN VINCENT B. TORIBIO

The Mariano Marcos State University (MMSU) will lead the state universities and colleges in Region I, and the private higher education institutions (HEIs) in Ilocos Norte, in capacitating their faculty members with the knowledge and skills on flexible learning ready for the first semester of the Academic Year 2020-2021.

With the approval of the Board of Regents (BOR), pending the nod of the Commission on Higher Education (CHED), MMSU is set to conduct a series of training workshops for this purpose.

Taking the Lead in the Region

The project, "Strengthening the Online Teaching Capability of Faculty Members of SUCs in Region 1 and Private HEIs in Ilocos Norte," aims to extend the current technologies and best instructional practices of the University to other HEIs in the Ilocos region, as instructors and professors face their college students under the New Normal academic environment.

Particularly, it aims to increase the participants' knowledge on the theoretical and conceptual underpinnings of flexible teaching and learning as bases for instructional delivery options and to instill in them a sense of appreciation on the applicability of flexible teaching and learning in higher education.

With both online (webinar and self-paced) and face-to-face sessions, the MMSU-led capacity-building shall target around 3,000 faculty members from the Don Mariano Marcos Memorial State University (DMMMSU), Ilocos Sur Polytechnic State College (ISPSC), North Luzon Philippines State College (NLPSC), Pangasinan State University (PSU), University of Northern Philippines (UNP) and private HEIs in Ilocos Norte.

The specific topics to be discussed will be the following: the concept of flexible teaching and learning; setting up an online course using an LMS; designing courses for flexible teaching and learning; developing learning packages for flexible teaching; and, using ICT tools for teaching.

The features of the MMSU Virtual Learning Environment (mVLE) will be essentially highlighted to showcase its utility and applicability to the contexts of the target HEIs.

The University Information and Technology Center (ITC) has significantly developed the mVLE as its Learning Management System (LMS) since 2013. MMSU teachers have been utilizing the LMS since then.

Prof. Wilben Christie R. Pagtaconan, ITC director and the project team leader, stressed that "the mVLE can serve as a relevant, viable, and sustainable tool to administer classes in a virtual classroom environment, thus, turning it and our other technologies and practices into an opportunity to band with other HEIs in the province is to promote our sense of Ilokano unity and harmony."

The ITC, together with the Department of Computer Science (DCS), and the College of Teacher Education (CTE), leads the facilitation of the said regional project. Faculty members of the DCS, College of

See Flexible Learning on page 7

MMSU, top Canada school to promote sci-tech-based indigenous communities



By JOHN VINCENT B. TORIBIO

To further facilitate development among the indigenous communities in the locality through science and technology, the Mariano Marcos State University (MMSU) partners with a top-Canada school to venture into a five-year research and development program.

MMSU has already started discussing with the University of Saskatchewan in Canada to pursue studies that would vitally promote and sustain the culture, food safety, health system, agricultural and environmental resource management of indigenous peoples and communities.

In an online teleconference, the Philippine University signified its bold proposal for collaboration to its Canadian counterpart titled, “Inclusive Sustainable Development through Science and Technology Innovations for Indigenous Community Development.

Essentially, the R&D project aims to ‘gear up the Filipino culture, indigenous peoples and communities in the 21st century through science and technology.’ To do so, the research shall focus on the contextualization of the

Ilocano culture in significantly exploring and documenting the diversity and dynamic characteristics of indigenous peoples.

Moreover, the project intends to institute a global platform for university-wide and comprehensive academic-research programs incorporating global trends and addressing socio-cultural, techno-economic and politico-environmental development.

Particularly, the two institutions shall collaboratively study on the following thematic areas: indigenous and cultural education, agri-food system, safety and security, disaster risk reduction, climate change and sustainable development, traditional health system and drug discoveries derived from Ilocano medicinal plants.

The faculty members involved in this collaborative project come from the different colleges of agriculture, food and sustainable development, arts and sciences, industrial technology, health sciences and medicine, teacher education and the researchers from the various research centers of the university. The involved personnel will be complemented by technical experts from the University of Saskatchewan in

developing, implementing and completing the project with commendable and joint publishable outputs.

Dr. Marlowe U. Aquino, chief for international programs, serves as the lead coordinator for this project. Accordingly, he pointed out that this project will be the basis for future collaborative academic-research partnerships with other Canadian universities. On the pipeline are the Dalhousie University, University of Alberta, and University of Prince Edward Island.

MMSU President Shirley C. Agrupis stressed that “this research project is a huge undertaking in promoting the lives of our brethren, which we have devotedly started and sustained many years back.”

The University maintains a center for and offers degrees on Ilocano studies, and has developed the Sanut Ilocano (a computer application that teaches Ilocano songs and numbers). Some other research initiatives were on traditional upland rice, indigenous food plants, native chicken, pig, and winemaking among the indigenous

See story on next page



From previous page

communities in Adams, Ilocos Norte. These are some University efforts that serve as a back support for the said R&D project.

Dr. Agrupis also highlighted that, “the overall project is to maximize the promises of the PhilCanEDUCON- Magic 7+.”

The Philippine-Canada Universities Education Consortium for International Collaborative Partnerships (PhilCanEDUCON – Magic 7+) involves Universities in the two countries in fostering academic and scholarly collaboration. Here, the University of Saskatchewan in Canada partners with seven Philippine Higher Education Institutions (HEIs) namely, Benguet State University, Central Luzon State University, Central Mindanao University, Don Mariano Marcos Memorial State University, Mountain Province Polytechnic State College, University of Southeastern Philippines and MMSU.

The MMSU is the lead institution for the indigenous knowledge system and cultural management (IKSCM) project of the PhilCanEDUCON- Magic 7+.

The project is supported by the execution of a Memorandum of Understanding (MOU) duly signed by the heads of the institutions.

With the MOU, various activities based upon principles of mutual respect, equality and reciprocity of benefits are anticipated. Some of these are exchanges and internships for

students, faculty and staff, introduction of new curricula, joint research and development projects, joint research and knowledge publication, exchange of knowledge products (including publications, instructional and training materials), and development of joint academic course or degree programs. 



MMSU administrators join the online meeting with the officials from the University of Saskatchewan in Canada.

Flexible Learning...from page 3

Industrial Technology (CIT) and College of Engineering (COE) will serve as trainers in the regional sessions.

With MMSU as a Center of Excellence in Teacher Education and Center of Development in Information Technology, University President Shirley C. Agrupis believes that “cascading our current technologies and best practices as an institution to our brothers and sisters in the region is no longer just a privilege, but a responsibility.”

“In taking the lead role in this endeavor, we make sure that we maintain a healthy and fluid transmission of knowledge and expertise, while we ensure that our MMSU faculty are fully geared up for this coming first semester.”

Continuing Excellence in the University

The University has also conducted series of face-to-face and virtual

training-workshops titled “Strengthening the Online Teaching Capability of MMSU Faculty Members.”

A face-to-face training workshop on the use of ICT tools in teaching was conducted from June 22 – 30 at the ITC and at the College of Industrial Technology (CIT). Three hundred fifty faculty members participated in the sessions in batches. Trainers were the faculty members from DCS, CIT and COE. The team assured that proper health protocols were strictly observed in the said session.

In addition, a Webinar Series was also streamed via Facebook among the academic workforce of the University. Experts from CTE and CIT were the trainers.

Dr. Byron Joseph A. Hallar, chief for distance learning, discussed ‘The Paradigm of Online Teaching and Learning’ (July 3), while Prof. Fe

Erlinda D. Ibalio, a curriculum development specialist, tackled ‘Designing Courses for Online Teaching and Learning’ (July 6). Also, ‘Designing Learning Activities for Online Teaching and Learning’ (July 8) was explained by Dr. Ronald Candy S. Lasaten, chief for instructional materials development.

Moreover, Prof. Melchor S. Castro, an information technology specialist, shared about ‘Selecting Open Educational Resources’ (July 10), while Prof. Gerry D. Abad taught ‘Preparing Assessment Tools’ (July 13).

Dr. Agrupis stressed that “these efforts reflect how we effectively and efficiently hurdle the obstacles of the New Normal academic environment, taking a step forward by extending our resources to the whole region.” 

DOST-PCAARRD okays P69.7-M SUSTAIN IP-TBM program for SUCs

By REYNALDO E. ANDRES

The Department of Science and Technology-Philippine Council for Agriculture, Aquatic and Natural Resources Research and Development (DOST-PCAARRD) has approved the Php 69.7 million fund for the implementation of the Phase 2 SUSTAIN IP-TBM program in the 30 state universities and colleges (SUCs) in the Philippines.

SUSTAIN IP-TBM stands for Support to the University's Strategies in Technology Acceleration Initiatives by Nurturing the Intellectual Property and Technology Business Management.

This program is composed of five mentor-SUCs: the Cavite State University (CvSU) as the program leader, Mariano Marcos State University (MMSU), Bicol University (BU), Capiz State University (CapSU) and University of Southern Philippines (USEP). Each university has five mentee-SUCs in their respective regions.

Dr. Dionisio S. Bucao, project leader and chief of the MMSU's

Innovation and Technology Support Office, said that the program, led by Dr. Teddy Teppora of CvSU, will reinforce PCAARRD's aim to sustain its initiatives on intellectual property and technology business management, which are imperative as the program hopes to further contribute in sustaining upward trend in the commercialization of agricultural-aquatic innovations in the country.

The kick-off program was held last January 30 at DOST-PCAARRD Innovation and Technology Center (DPITC) wherein 30 participating SUCs from Regions I, IV-A, VI, and XI signed the memorandum of agreement for the SUSTAIN IP-TBM program.

The program is also in collaboration with the Association of PAQE Professionals (APP) and the Intellectual Property Office of the Philippines (IPOPHL) for its implementation.

SUSTAIN IP-TBM Phase 2 will deal with the challenges of sustaining IP-TBM's initial efforts in protecting,

managing and commercializing intellectual properties.

It will implement a mentor-mentee regional approach, which will involve five mentor-agencies whose Project Leaders have embraced the responsibility of mentoring the IP-TBM offices of the 25 participating consortia member mentee-agencies under them.

Launched in 2017, IP-TBMs are technology transfer offices in various SUCs that are envisioned to mirror the initiatives of DPITC, which serves as a one-stop hub for technology owners and generators, investors, end-users, and other stakeholders within the agriculture, aquatic, and natural resources (AANR) innovation system.

Meanwhile, the DOST-PCAARRD, in cooperation with CvSU, launched online the 3rd IP Master Class last July 16.

MMSU conducted the IP Master Class for Region I on July 20-24. It was participated in by the researchers from the five SUCs in the region. *(See story on next page)* 



Representatives of the state universities and colleges (SUCs) in Region I join the signing of the memorandum of agreement (MOA) for the implementation of the SUSTAIN IP-TBM program, held at the DOST-PCAARRD Innovation and Technology Center.

MMSU trains Region I SUCs on protecting intellectual properties



By DANIEL P. TAPAOAN, JR.

The Mariano Marcos State University (MMSU) launched on July 20 the Intellectual Property (IP) Master Class for Region I as an initial step toward strengthening the capabilities of the state universities and colleges (SUCs) in technology protection and commercialization.

The virtual training-workshop was participated in by two researchers from each of the following SUCs in the Ilocos region, being the mentee-agencies: the University of Northern Philippines (UNP), Ilocos Sur Polytechnic State College (ISPSC), North Luzon Philippines State College (NLPSC), Don Mariano Marcos Memorial State University (DMMMSU), and Pangasinan State University (PSU).

Held last July 20-24, the training-workshop aimed to equip the participants the skills in preparing a patent document of a technology and in managing and commercializing protected technologies.

The IP Master Class is composed of five modules. The first two modules were discussed by MMSU focusing on the introduction of intellectual property (IP) management and prior art search.

The rest of the modules will be discussed by the Association of PAQE Professionals (APP) in collaboration with the Philippine Council for Agriculture, Aquatic, and Natural Resources Research and Development (PCAARRD).

The five-day training was under the program Support to the University's Strategies in Technology Acceleration Initiatives by Nurturing the Intellectual Property and Technology Business Management Offices of the Consortia Member-Agencies (SUSTAIN IP-TBM) Phase 2, which is funded by the PCAARRD.

During the online launching, Dr. Dionisio S. Bucao, the regional project leader and chief of MMSU Intellectual Property and Technology Business Management (IP-TBM) office, said that the university has pushed its efforts to become the mentor-agency in Region I which will further the training on IP protection and commercialization to various SUCs in this part of the country.

“As a mentor-agency, we create a ‘multiplier effect’ by allowing and challenging them to conduct a re-echo training-workshop in their respective SUCs, with our completed technology disclosure form and prior art search reports as evidences of their mindfulness of the intricacy of IP

protection and commercialization,” he stressed.

For her part, MMSU President Shirley C. Agrupis emphasized that the university embraces advancement in technology transfer and promotion as manifested by its various research outputs and generated technologies in various fields.

At present, MMSU has 47 knowledge products that were granted with IP protection, including three patents, one trademark, 28 utility models, 16 copyright materials, and 4 NSIC registered varieties that are ready for commercialization.

With these outputs and being a mentor-agency, Dr. Agrupis believes that MMSU is a ‘frontliner’ in promoting and commercializing intellectual properties in Region 1. In this endeavor, she looks forward to fruitful collaborations with other SUCs in the region.

In response, the SUC presidents pledged their support to the endeavor, hoping that the training will further strengthen their capabilities in translating results of government-funded researches into useful products, processes, and services that will benefit the communities.

Also present in the online event were Mr. Noel Catibog, office-in-charge of PCAARRD's Technology Transfer and Promotion Division; Dr. Teddy Tepora, overall program leader; Atty. Jerry Serapion, an APP member; and Dr. Armando Ganal, director of the Department of Science and Technology (DOST) Region I.

The SUSTAIN IP-TBM program involves 30 SUCs from Regions I, IV-A, VI, and XI, five of which are mentor-agencies while the rest are mentee-agencies. The mentor-agencies are the Cavite State University (CvSU), Bicol University (BU), Capiz State University (CapSU), University of Southern Philippines (US&P), and MMSU. 

Laboratory schools to pilot 1st virtual moving up, graduation ceremonies

By MARK IAN C. TAGAMI
and ERWARD O. ALMAZAN
Campus Correspondents

With the current quarantine restrictions on mass gatherings due to the COVID-19 pandemic, the MMSU Laboratory Schools in the cities of Laoag and Batac held their first-ever virtual moving up and graduation ceremonies.

The event was conducted last July 30 at 9:00 am for the Laboratory Elementary Schools (LES), and at 2:00 pm for the Laboratory High Schools (LHS). These were streamed live via the official Facebook page of the university (@MMSUofficial).

“We are greatly challenged to come up with the virtual ceremonies. The COVID-19 redirected our usual preparations, but we still hope that our movers and graduates take pride in always holding high the green and gold,” expressed Dr. Bert A. Gamiao, laboratory schools principal.



VALEDICTION
Thrixie Margret B. Reyes
With Highest Honors, LES-Laoag

VALEDICTION
Maximus R. De Los Reyes
With Highest Honors, LES-Batac

VALEDICTION
Alford Airon C. Velasco
With High Honors, LHS-Laoag

VALEDICTION
Sarah Sophia L. Santos
With High Honors, LHS-Batac

Leading this year’s movers and graduates are Stacey Jane R. Salvador and Eanah Ayesha M. Aguinaldo of LES Kindergarten; Thrixie Margret B. Reyes of LES Laoag, with highest honors; Maximus R. Delos Reyes of LES Batac, with high honors; Alford Airon C. Velasco of LHS Laoag, with high honors; and Sarah Sophia L. Santos of LHS Batac, with high honors.

The Class of 2020 is composed of 187 completers and 152 graduates. Of the 187 completers, 65 are Nursery and 48 are Kindergarten pupils of LES-Laoag, while 48 and 26 are Grade 10 students of LHS in Laoag and Batac, respectively.

Of the total graduates, 56 and 24 are graduates of LES in Laoag and Batac, respectively. Forty-one are graduates in LHS-Laoag, 27 of which are from the Science, Technology, Engineering, and Mathematics (STEM) strand and 14 are from the Accounting, Business, and Management (ABM) strand. There are also 31 STEM graduates from LHS-Batac.

The parents of the movers and graduates received their certificates of completion and diplomas, respectively, and their awards. 

Students qualify in online int’l learning

Seven students from the Mariano Marcos State University (MMSU) are currently participating in the University Mobility in Asia and the Pacific (UMAP) – Collaborative Online International Learning (COIL) Joint Program for Summer Term 2020.

Julianne Marie Albano (BS Tourism), Christian Barruga, (BS Hospitality Management), Andrea Nicole Cabanlit (AB in English Language), Dianne Joy Caluttung (BSHM), Andrei Beaver Fernandez (BS Nursing), Princess Sanata Juan (BSTM), and Maria Aurora Navarro (BSHM) were successfully accepted in the course titled “Striving Global Citizenry Competence in the VUCA World.”

This program is being initiated by the Institute for Innovative Global Education (IIGE) at Kansai University, Japan which promotes COIL. The institute started promoting international education since 2014, and ventured partnering with UMAP in 2019.

Running from July 27 to September 15, the course will discuss about global citizenship involving key contemporary social issues in both international and domestic lenses.

Here, the students will better understand themes on the United Nations Sustainable Development Goals, such as, foreign policy, international affairs, trade and finance, and defense and security.

Aspects of health and well-being, international approaches to education,

and business innovation and development are also to be taken up also.

This year, UMAP-COIL offers a new shape of international education as the course will be conducted purely online for free.

In joining the program, the MMSU students are expected to develop logical thinking skills, presentation skills, and inter-cultural understanding skills, while collaboratively learning with multi-cultural students.

While the seven students will fully avail of the learning in the program, other 33 MMSU students are given opportunity to attend the lectures in the program. --by **JVB Toribio** 

Teachers design GE syllabi in flexible learning mode



MMSU President Shirley C. Agrupis speaks before the faculty members during the training-workshop on syllabi and content design of GE subjects.

By DANIEL P. TAPAOAN, JR.

Faculty members of the Mariano Marcos State University (MMSU) convened in a training-workshop at the University Main Library, City of Batac on July 9-10 to design the syllabi and course contents of the new general elective (GE) subjects to be offered this First Semester, Academic Year 2020-2021.

Tailored for the flexible learning mode, these subjects are Environmental Science, People and the Earth's Ecosystem, Human Reproduction, Living in the IT Era, Philippine Indigenous Communities, Gender and Society, The Entrepreneurial Mind, Great Books, Philippine Popular Culture, Indigenous Creative Crafts, Reading Visual Arts, and Intensive English.

Initiated by the Office of the Vice President for Academic Affairs, College of Arts and Sciences (CAS), and Extension Directorate (ED), the workshop was in response to the full implementation of the Commission on Higher Education (CHED) memorandum order no. 20, s. 2013, also known as the GE Curriculum: Holistic Understandings, Intellectual and Civic Competencies.

MMSU has already revised the curricula of its various undergraduate programs recently which included the offering of these new electives. Thus, the departments handling the subjects needed to develop the syllabi of these subjects.

Further, the course contents had to be harmonized, subject to enrichment by university teachers, to ensure that these subjects contribute to the attainment of the MMSU institutional outcomes.

Some 200 faculty members from various colleges participated in the activity. They are from the CAS, College of Agriculture, Food and Sustainable Development (CAFSD), College of Business, Economics and Accountancy (CBEA), College of Industrial Technology (CIT), and College of Aquatic Sciences and Applied Technology (CASAT).

Dr. Marivic M. Alimbuyugen, CAS dean, said while their college takes the responsibility of offering the GE subjects in the Batac campus, faculty members from the other colleges were also tapped to teach the subjects because of their related areas of specialization.

Dr. Aris Reynold V. Cajigal, ED director, discussed the principles of

See GE subject on page 15

US Embassy, MMSU renew tie-up for AC Batac

By MARIA CRISTETA R. LLACUNA
ULS Correspondent

The US Embassy in the Philippines and the Mariano Marcos State University (MMSU) have renewed their partnership for the implementation and maintenance of the American Corner (AC) located at the University Main Library, City of Batac.

US Embassy Counselor for Public Affairs Philip Roskamp and MMSU President Shirley C. Agrupis signed a memorandum of understanding (MOU) for this purpose last July 15.

With the MOU, the US Embassy – Public Affairs Section (PAS) commits to provide the MMSU-AC with basic print library and electronic internet-based resources about US, and to further supplement this collection.

It also plans to conduct speaker programs, cultural events, educational exchange programs and other US programs' alumni activities at the AC. Also, the section shall constantly inform MMSU about other Embassy-sponsored activities.

Meanwhile, MMSU has agreed to provide support for the maintenance and operation of the AC and to allow the Corner to conduct regular public activities such as group discussions, virtual/online programs, lectures and cultural presentations.

Further, the University shall allow the American Corner to distribute promotional and information materials for the enhancement of mutual understanding and engagement between Filipinos and Americans.

University Library System (ULS) Director Eliza Villarín said the MMSU-AC has a distinct role which cannot be duplicated by any institution or agency in the local information environment. 

MMSU-NBERIC receives CSC Gantimpala Agad Award



The NBERIC personnel receive the Gantimpala Agad Award given by CSC-Ilocos Norte Director Rex R. Ami.

By DANIEL P. TAPAOAN, JR.

The National Bioenergy Research and Innovation Center (NBERIC) of the Mariano Marcos State University (MMSU) officially received the prestigious Gantimpala Agad Award (GAA) bestowed by the Civil Service Commission (CSC) in a simple ceremony held at the Ferdinand E. Marcos (FEM) Hall on July 6.

The NBERIC first received the award via electronic mail last May because of the region-wide implementation of the General Community Quarantine (GCQ).

The MMSU-NBERIC was commended “for its initiative and innovation efforts in helping the government address the dwindling supply of 70 percent alcohol in Ilocos Norte in order to fight the spread of the corona virus disease 2019 (COVID-19).”

Now that Ilocos Norte is under the Modified General Community Quarantine (MGCQ), CSC Ilocos Norte Director Atty. Rex R. Ami personally bestowed the award to MMSU President Shirley C. Agrupis and the NBERIC personnel during the flag-raising ceremony in front of the

FEM Hall, which was attended by several members of the Administrative Council.

Ami said the CSC is happy to personally bestow the award to MMSU-NBERIC, saying that this gesture “shows that there are still deserving officials and employees in Ilocos Norte who exhibit exemplary performance of public service.”

According to Ami, the MMSU is the second recipient of the award in Ilocos Norte, emphasizing that the CSC rarely gives such kind of award (to government agencies).

For her part, MMSU President Shirley C. Agrupis thanked the CSC for recognizing the university’s humble effort to help communities fight against the coronavirus.

“It is indeed an honor to receive this award, which we did not expect since we only did what is necessary to fulfill our mandate using our meager resources and to respond to the government’s call to heal as one during this pandemic crisis,” she said.

Since March, the MMSU-NBERIC continuously produced and supplied free Nipahol (alcohol from nipa) to local government units (LGUs),

hospitals, checkpoints, government agencies, churches, banks, and other front-liners in northern Luzon, as well as the Philippine General Hospital (PGH), Mariano Marcos Memorial Hospital and Medical Center (MMM-HMC), and other COVID-19 referral hospitals.

Agrupis has credited this milestone to the NBERIC team “who put their lives on the line to produce alcohol” and lauded the whole MMSU family “for the unity we have shown at the start of this pandemic crisis.”

Aside from producing alcohol, the university also produced personal protective equipment (PPE) and provided free medical, food, and accommodation services to front-liners; helped the MMSU stranded students via donation drives; and conducted relief operations to communities.

“With such dedication, we can confidently declare that COVID will not defeat the MMSU spirit of service,” she stressed.

Further, the university president believes that the award “is a reminder that we have to be fast, to act immediately, and to be responsive to the needs of our stakeholders especially in times of emergency.” 

MMSU, DepEd to implement rehabilitation project in Vintar school

By DANIEL P. TAPAOAN, JR.

The Mariano Marcos State University (MMSU) and the Department of Education (DepEd)-Schools Division of Ilocos Norte have agreed to implement a community-based rehabilitation project among the differently-abled children of the Florentino Camaquin Integrated School (FCIS) in Vintar, Ilocos Norte.

This project, dubbed “Care, Build, and Reach (CBR) Vintar,” aims to provide rehabilitation and physical therapy services to the students enrolled at the Special Education Resource Center of the FCIS.

This extension project was formally launched last July 22 at FCIS through a memorandum of agreement (MOA) signed by Schools Division Superintendent Joann A. Corpuz and MMSU President Shirley C. Agrupis who was represented by Dr. Aris Reynold V. Cajigal, university’s extension director.

Spearheaded by the Department of Physical Therapy of the MMSU College of Health Sciences (CHS), the CBR Vintar project also includes health and wellness promotion strategies, and disability inclusive activities.

The FCIS is home to 17 differently-abled children. Of this number, seven have cerebral palsy, some are medically diagnosed, and some are assumed to have cerebral palsy based on their clinical presentations. All of the seven are wheelchair-bound and have been going to the Stimulation and Therapeutic Center (STAC) in Laoag City. With the long distance and travel, difficult transportation, and other expenses the children and parents have to endure for their treatment sessions, the FCIS requested for partnership with the PT department to provide rehabilitation services to the children.

Through this initial step in making their initiative and concern more visible to the community, the PT department hopes and aims for a more inclusive and transformative extension program to help CWDs achieve optimal health through easier access to health care and rehabilitation, thus making them more active members of the school and their communities. Part of the program will be rehabilitation services with free physiatrist consultation, provision of interns for free physical therapy services, and referral to other health or medical services.

In the MOA, the MMSU shall provide the manpower and expertise for the implementation of the activities at the FCIS resource center. It shall also create a committee that will manage the project; and develop a system for the referral of students with disabilities to the proper service, organization, or professionals.

On the other hand, the DepEd-Ilocos Norte, through the FCIS, shall shoulder the funding of the venue for the project site, transportation, consumable and non-consumable supplies and materials, equipment for the audio-visual presentations, as well as food and beverages.

It shall also help in organizing the list of beneficiaries in the local government unit of Vintar by order of priority through the municipal social welfare and development office, and help in the dissemination of information regarding the services offered by the project.

The program launching was witnessed by Arnel C. Sabuco Jr, FCIS principal; Vintar Mayor Larisa C. Foronda; Dr. Cheryl Didi Nellie N. Obra, leader of the CBR project; the faculty members of the MMSU-PT department and the FCIS.

The CBR Program of the PT Department has already established a satellite clinic in the Municipal Health Clinic of the Local Government of San Nicolas catering differently-abled individuals in the municipality and nearby municipalities. In another round of effort, another satellite clinic will soon be inked with the City Government of Batac.

This program aims to reach the differently-abled individuals in the rural communities for their needed help and assistance. It aims to create a more unified community to help them maximize their potentials through the principles of inclusion, participation, empowerment, sustainability, and self-advocacy.--with reports from KS Miguel and MR

Gaño 



Dr. Joann A. Corpuz, DepEd Schools Division Superintendent (left) and Dr. Aris Reynold V. Cajigal, director of MMSU Extension Directorate (right) sign the memorandum of agreement for the Community-Based Rehabilitation program in the Florentino Camaquin Integrated School in Vintar, Ilocos Norte.

2 profs featured in US Embassy webinar

By DANIEL P. TAPAOAN, JR.

Two professors of the Mariano Marcos State University (MMSU) served as speakers in the second episode of the Philippine-American Friendship Month Webinar Series that was organized by the American Spaces Philippines this July.

On July 20, Prof. Leslie Kay Rivera-Corpuz and Dr. Jan Rich Guira of the MMSU College of Arts and Sciences (CAS) delivered a lecture that revolved on the topic: “United States-Philippines Shared History, Courage, and Friendship in World War II Through the Lens of the City of Batac.”

This virtual session was streamed via Zoom webinar and was seen live in the Facebook pages of the American Spaces Philippines and MMSU.

The lecture was part of the US Embassy Talks: Virtual Speaker Program which was composed of three episodes.

The topic was related to one of the research studies of Corpuz, a professor in History at the CAS Department of Social Sciences. Her

study unfolded the stories of courage and cooperation of Filipinos and Americans during the World War II and the Guerilla Operations in the old town of Batac.

“Researches on World War II should be given more wholesome attention to preserve the shared history and long-standing friendships between the two nations,” Corpuz concluded after the presentation.

Meanwhile, Guira presented his journey as a scholar under the Fulbright Foreign Language Teaching Assistant (FLTA) program and shared his experiences in some educational exchanges that transpired between the university and US-based schools and organizations.

These internationalization initiatives include the launching of the MMSU International Alumni Network and the partnership forged between MMSU, the University of California – Riverside, and the San Diego County Metropolitan Lions Club.

In these partnerships, MMSU received a Recognition of Outstanding Excellence from the US Embassy in the

Philippines (EducationUSA) for its continuous efforts and commitment to promoting access to international education in the US.

Guira said these efforts of MMSU has resulted in the sending of some of its faculty to various scholarship programs and its students to the Massive Open Online Courses sponsored by the US Embassy.

He also presented the activities of MMSU and the American Corner (AC) in Batac City such as the speaker programs, cultural events, and educational exchange programs, among other US programs’ alumni activities.

Recently, MMSU and the US Embassy – Public Affairs Section renewed their partnership for the maintenance of the AC located at the University Main Library.

With this, MMSU President Shirley C. Agrupis thanked the Embassy for always choosing to collaborate with the university, saying that the university vows to persistently partner with them to promote the well-being of its constituents. 



U.S. EMBASSY TALKS
VIRTUAL SPEAKER PROGRAM

U.S.-Philippines Shared History, Courage, and Friendship in WWII Through the Lens of the City of Batac

JULY 20, 2020
2 p.m. - 3 p.m.
Facebook Live Webinar
@ American Spaces Philippines
RSVP at bit.ly/USEmbTalks-July20

#AmSpacesAtHome
#USEmbTalks
#FriendsPartnersAllies
#AlliesForFreedom

Prof. Leslie Kay Rivera Corpuz
Assistant Professor
Department of Social Sciences,
College of Arts and Sciences
Mariano Marcos State University

Dr. Jan Rich Guira
Professor and Chief,
Student Development
Mariano Marcos State University,
Fulbright Alumnus

Batac farmers expect higher rice yield this year

By **KIMBERLY S. MIGUEL**
Extension Correspondent

Ninety farmers from Barangay Quiling Sur in the City of Batac are expecting higher rice yield this coming season as they undergone rice pre-dispersal training in the Mariano Marcos State University (MMSU) last July 10 in order to equip them the proper method to handle high quality rice seedlings and improve their palay harvest.

These farmers are beneficiaries of the MMSU's Coordinated Agribusiness, Research and Extension Strategies on Technology Promotion (CARES) Phase I Project.

The CARES is a newly-established development program of MMSU that involved technology promotions, utilization, and transfer of modern farm technologies to farmers for increased productivity.

"The activity is an active step of the university's CARES project in sustaining the promotion of its science and technology-based rice production activities while establishing an adhesive link with its farmers-cooperators," said Engr. Michael Duldulao, in-charge of CARES project.

"It also aimed to provide the farmer-cooperators an overall picture on how to increase their rice yield at lower production cost," he added.

The pre-dispersal training presented the overview and monitoring of MMSU CARES project, the project's yield performance last year, updates on rice production technologies suited on the lowlands like those in Ilocos Norte, and how to avail of the government's crop insurance program.

Aside from Duldulao, resource persons in the activity were Dr. Sherlyn Nicolas, chief for MMSU's monitoring and evaluation unit; Dr. Sosima Demandante, chief for technology demonstration; Mr. Raymond Rahon, in-charge of Seednet Production



Dr. Carmelo J. Esteban, OIC of the Office of the VP for Research, Extension and Business (standing), addresses the farmers from Brgy. Quiling Sur, City of Batac during the pre-dispersal training for MMSU CARES Project Phase 1 held at the University Covered Court on July 10.

Project; and Ms. Tricia Cabuyadao, a representative from the Philippine Crop Insurance Corporation (PCIC).

MMSU President Shirley C. Agrupis thanked the farmers for cooperating with the university for the CARES project, assuring that the university will continue to assist them in increasing their productivity through modern farming practices.

In just one year after its implementation, the MMSU-CARES

produced 26,621 kilos of fresh palay from 88 farmers, an impressive production debut to help sustain Ilocos Norte's sufficiency in rice. This acquired share was translated into a milling recovery of 320 bags of rice that amounted to PHP560,000.

Palay shares of the university come from the four clusters of farmers who are planting four high-yielding rice varieties — PSB Rc 82, PSB Rc 18, NSIC Rc 214, and NSIC Rc 358. 

GE subjects...from page 11

syllabus preparation during the two-day workshop.

Meanwhile, MMSU President Shirley C. Agrupis commended the faculty members who are always 'on-the-go' to uphold academic excellence amid the pandemic.

"The university is blessed to have a strong instructional workforce which gallops over any obstacle on the track of delivering quality education," she stressed.

Aside from creating the syllabus and contents of the new GE subjects,

the university has also started establishing the Flexible Learning Hub and rolled out training series – both face-to-face and webinars – to strengthen the faculty members' teaching capability in the New Normal academic environment.

"This transition is laborious and tedious, but with our synergy and efforts, we are able to see the direction of our racetrack more clearly. As one MMSU team, we are winning the race," Dr. Agrupis said. 



Ilocos farmers may try these early-maturing rice varieties for next cropping season

Farmers in lowland areas like those in Regions 1 and 2 who are looking for early-maturing varieties (EMVs) of rice to plant this season may try the six varieties being recommended by the Philippine Rice Research Institute (PhilRice) in Batac City.

PhilRice-Batac is one of the 19 member-agencies that comprised the Ilocos Agriculture, Aquatic and Natural Resources Research and Development Consortium (ILAARRDEC), which headquarters located in the main campus of the Mariano Marcos State University (MMSU).

The varieties are PSB Rc82, NSIC Rc12, NSIC Rc146, NSIC Rc158, PSB Rc80, and NSIC Rc192. These varieties are high-yielding and are resistant to drought. Of these varieties, PSB Rc80 and NSIC Rc192 have the least number

of days to mature, which is only 97 and 92 days after sowing (DAS), respectively. On the other hand, PSB Rc82 matures at 107 DAS, NSIC Rc12 and NSIC Rc158 mature at 108 DAS, and NSIC Rc146 matures at 104 DAS.

PhilRice researchers said EMVs are better than the traditional varieties for some reasons. First, farmers can save on irrigation cost which is one of the limiting factors in rice production in the semi-arid condition of lowland farms like those in Ilocos Norte. Second, farmers will have more time to use their farm for other dry season crops after rice.

In case farmers will get low *palay* yield, they would still have chances of getting substantial income from the harvest of the other crops that they plant after rice. In Ilocos Norte, for instance, farmers who plant EMVs can

plant vegetables and other high value commercial crops at 15 days earlier than those who plant the usual rice varieties that mature in 120 DAS.

But the researchers warned that although the EMVs possess good agronomic characteristics, they are still susceptible to stemborers and rice bugs that are rampant in the lowlands during wet and dry seasons. These pests can cause whitehead and deadheart diseases and are known to reduce *palay* yield to about 30 to 40 percent if not properly controlled.

In field trials they conducted in various ricefields in Region 1, PhilRice researchers found out that the average days to maturity of these varieties are not longer than 106 DAS. In fact, when they planted PSB Rc80 and NSIC Rc192 in farmers' fields in Brgy. Quiling Sur in Batac City during the wet season, PSB Rc80 matured at 97 DAS, while NSIC Rc192 matured at 92 DAS. That was one to two weeks earlier than the traditional varieties of farmers in this city.

Grains of PSB Rc80 and NSIC Rc192 are heavier than those of PSB Rc82. The 1,000 grains of the two varieties weigh 22 grams, while those of PSB Rc82 weigh only 18 grams.

That's not all. Panicle length of PSB Rc80 averages to 22.3 cm, while that of NSIC Rc92 is about 21 cm. PSB Rc82,

See story on next page





PHOTO COURTESY OF OURWORLD.ORG/EDU

From previous page

NSIC Rc112, NSIC Rc146, and NSIC Rc158 have average panicle lengths of 19.6 cm, 21.3 cm, 20.4 cm, and 21.4 cm, respectively. This means that these varieties produce more grains than those other varieties planted by farmers.

These varieties can be planted through broadcast, direct seeding, and transplanting methods. If transplanted in arid farms, PSB Rc82 can still give a yield of 2.2 tons (44 cavans) or more per hectare. If it is planted through broadcast method, it can yield 2.7 tons (54 cavans).

PSB Rc80, NSIC Rc112, NSIC Rc146, and NSIC Rc192 can also give these yields if they are planted in the same weather and soil condition. These yields are still higher than those derived from the upland varieties.

When NSIC Rc158 was tried in a farmer's field, it gave the highest yield of 2.5 tons per hectare when it was transplanted, and about 3 tons per hectare when it was broadcast. Farmers who may want to plant PSB Rc80 and NSIC Rc192 can ask help from PhilRice offices in Batac City. They only need 20 to 40 kilos of certified seeds of these varieties for a one-hectare rice field.

Using the right amount of seeds will result in healthier seedlings which make them recover faster after transplanting. And because these varieties are resistant to drought, farmers can plant them at the start of the second cropping cycle.

Recommended practices

To get the maximum yield potential of these varieties, PhilRice researchers recommend the following cultural management practices suited for the crop in lowland areas:

Prepare the seedbed by applying any organic fertilizer such as processed chicken manure (PCM) or any decomposed animal manure. If not, a farmer can use any commercial organic or inorganic fertilizer.

For smooth-textured seedbed that measures 400 square meters, apply 15 bags of organic fertilizer, or 3 to 4 bags of commercial organic fertilizer such as compost, or decomposed animal manure or rice straws.

If farmers would prefer to follow the direct seeding method, they should prepare the land completely so that there would be uniform distribution of irrigation water which will control the

emergence of weeds and cause the uniform growth of the plants.

But if farmers would prefer the transplanting method, they should prepare the land at 3 to 4 weeks before transplanting. Plow the field at 15 cm deep to incorporate the weeds and other plant debris so that these will be decomposed into organic fertilizer. If the land is prepared completely, bad elements in the soil will be removed, and the plants will produce stronger and deeper roots.

Clean and fix the small canals near the ditches so that water can flow easily and maintain a 15 cm width of the ditches. Harrow the land twice a week to pulverize the soil and construct furrows at one week after land preparation.

For direct wet-seeded rice varieties that are planted in moist farm, construct small canals at the center of the field or at the sides close to the ditches. These would serve as water impounding areas for golden snails so that farmers would find it easier to collect them.

If there would be excess seeds, these should be planted at the vacant portion of the field so that farmers would use them later to replant missing hills. 

ILAARRDEC, MMSU launch biodiversity conservation nursery

By LORD IAN R. GALANO
Contributor



University officials join the launching of the PSCA Biodiversity Conservation Nursery located at the CRL complex.

The Ilocos Agriculture, Aquatic and Natural Resources Research and Development Consortium (ILAARRDEC), MMSU Research Directorate, and the National Bioenergy Research and Innovation Center (NBERIC) launched the Biodiversity Conservation Nursery at the university’s Crops Research Laboratory (CRL) complex last July 24.

The launching was attended by Dr. Shirley C. Agrupis, University President and ILAARRDEC Regional R&D Coordinating Council (RRDCC) Chair; Dr. Epifania O. Agustin, Interim ILAARRDEC Director; researchers, extensionists, and other university staff.

The conservation nursery, dubbed as “Plant, Save, Conserve and Act (PSCA): Biodiversity Conservation Nursery,” features a small collection of

palm species. Other plant genetic resources will also be considered in succeeding activities.

“As the base agency of ILAARRDEC, this is one of MMSU’s plans to bring the consortium’s integral mandate for the preservation of agriculture, aquatic, and natural resources,” Dr. Agustin said.

The PSCA Biodiversity Conservation Nursery displays 15 palm species from the combined collection of MMSU researchers and from voluntary seed/seedling donors as starting germplasm. Among the species being exhibited at the nursery are Bottle palm, Lipstick palm, Fish Tail palm, Christmas palm, Parlor palm, Licuala palm, Fan palm, Dwarf Date palm, Rattan, Macarthur palm, Champagne palm, and Coconut palm.

For her part, Dr. Agrupis thanked the researchers and staff of ILAARRDEC and NBERIC who started the project and donated seeds/seedlings of different palm species.

She also challenged the MMSU research team to continue developing the conservation nursery and reproduce the species donated for the nursery.

Meanwhile, ILAARRDEC developed a brochure highlighting the various palm species being featured at the nursery. 

Faculty, staff, students plant 300 tree seedlings in Dingras campus

Faculty members, staff, and students of the MMSU College of Agriculture, Food and Sustainable Development (CAFSD) in Dingras town planted 300 fruit and non-fruit-bearing tree seedlings in the scattered 4-hectare vacant lot of the campus last July 24.

Headed by Dr. Jocelyn Bernabe, campus program coordinator, the CAFSD community planted seedlings of Bugnay (40), Guyabano (50), Kalamansi (25), Rambutan (10), Sweet Tamarind (50), Narra (25), Duhat (50), Mandarin (25), and Cocoa (25).

The tree seedlings came from the Department of Environment and Natural

Resources-Ilocos Norte, as requested by University President Shirley C. Agrupis.

The activity aims to help achieve the goal of the national government, “to help tackle climate change and build a

greener environment for the next generation.” The tree-planting was also dedicated to the blessed 56th birthday of the university president.

In 2019, various species of plumeria were planted in the Dingras campus as a jumpstart to its transformation as a Kalachuchi campus.

—by DP Tapaoan Jr. 



CAFSD students join the tree-planting activity in Dingras campus.



MMM&MC OPD CONTACT NUMBERS & FACEBOOK ACCOUNTS



DEPARTMENT OF FAMILY MEDICINE

☎ :0951-352-8701

📘 :Family Medicine Clinic-MMMH&MC



DEPARTMENT OF PEDIATRICS

☎ :0977-155-1340

📘 :Pedia Mariano Marcos



DEPARTMENT OF INTERNAL MEDICINE

☎ :0945-114-0155

📘 :Internal Medicine Clinic-MMMH&MC



DEPARTMENT OF OPHTHALMOLOGY

☎ :0906-463-1715

📘 :Ophtha Clinic-MMMH&MC



DEPARTMENT OF SURGERY

☎ :0917-578-0021

📘 :Surgery Clinic-MMMH&MC



DEPARTMENT OF ENT HEAD AND NECK SURGERY

☎ :0931-061-2216

📘 :ENTHNS Mariano



ACUTE PSYCHIATRIC UNIT

☎ :0927-152-9030 / 0951 -722-6162

📘 :MentalHealth Mariano



DENTAL DEPARTMENT

☎ :0917-168-8291

📘 :Dental MMMH&MC



DEPARTMENT OF OBSTETRICS & GYNECOLOGY

☎ :0927-153-3533

📘 :OB-Gyne Clinic-MMMH&MC



ONCOLOGY UNIT

☎ :0998-220-2082



ORTHOPEDIC DEPARTMENT

☎ :0932-857-4346

HOSPITAL HOTLINE NUMBER: (077) - 600 - 8000

PAANO MAGPA-APPOINTMENT SA OUT-PATIENT DEPARTMENT?



1

Pumunta sa FB page ng OPD Clinic kung saan ka magpapakonsulta o sa MMMH&MC OPD e-Clinic.



2

Tumawag o i-text ang OPD Clinic kung saan ka magpa-pakonsulta.



3

Bibigyan ka ng Appointment Schedule at pumunta sa itinakdang araw at oras na pag-konsulta sa OPD.



PAALALA! Mangyaring skedyul ang inyong Appointment ng Konsultasyon sa OPD sa oras na 8AM to 5PM, Monday to Friday.



(077) 600-8000



MMM&MC HEPO/PUBLIC HEALTH

“

Indeed, MMSU is blessed to have a strong instructional workforce which gallops over any obstacle on the track of delivering quality education.

To frame where we are now, let me share you that the University has started the works to improve our infrastructure and facilities to address the needs of the New Normal academic environment. We have started for the establishment of a world-class Center for Flexible Learning and college learning centers equipped with the needed technological tools. We have also rolled out training series, both face-to-face and webinars, to strengthen our teaching capability in the New Normal. Also, we created our class syllabi and content designs for the new general elective subjects. Now, we are sharing our technologies and practices to other HEIs so that we can really ‘heal as one.’

The transition is laborious and tedious, and requires a lot of ‘*dugo at pawis*,’ but, with our synergy and efforts, we are able to see the direction of our race track more clearly. As one MMSU Family, we are winning the race.

”

-DR. SHIRLEY C. AGRUPIS
University President

On MMSU’s transition to the New Normal Academic Environment

EDITORIAL BOARD

MMSU
Chronicle

Official in-house publication of the
 Mariano Marcos State University
 City of Batac, Ilocos Norte
 Website: www.mmsu.edu.ph
 Email: mmsu.stratcom@gmail.com

John Vincent B. Toribio
Editor-in-Chief

Ryan Roi B. Domingo
Circulation Manager

Kimberly S. Miguel
Mark Ian C. Tagami

Daniel P. Tapaon Jr.
Associate Editor

Renzie A. Aguada
Sharon L. Cadavona
Graphics and Layout Artists

In this Issue
Mercy R. Gaño
Edward O. Almazan
Correspondents

Reynaldo E. Andres
Editorial Director

Shirley C. Agrupis
Editorial Adviser and Consultant

Procopio B. Dafun Jr.
Managing Editor

Marco Leo A. Magno
Photo Editor

Ma. Cristeta R. Llacuna
Lord Ian R. Galano



Published by the
Office for Strategic Communication
 Office of the President
 FEM Building
 City of Batac 2906 Ilocos Norte