

Gazette

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Leading
MINDANAO
to the **WORLD**



Letter from the Editor

Dear Readers,

It is with great pleasure that we bring you the latest edition of the Gazette, filled with stories of remarkable achievements and endeavors. This time, our focus is on the internationalization efforts of MSU-IIT.

Throughout the years, MSU-IIT has made great strides in establishing itself as a leading institution on the global stage. By fostering a culture of inclusivity and diversity, MSU-IIT has successfully attracted students and faculty from various corners of the world, enriching the academic environment and providing an international perspective in its curriculum.

From building strong international partnerships to hosting visiting professorship programs, MSU-IIT has embraced the world and allowed its students to experience global cultures firsthand. Through these initiatives, MSU-IIT has expanded its horizons, opening doors for its graduates to thrive in an increasingly interconnected world.

However, the remarkable aspect of MSU-IIT's journey lies in its unwavering commitment to its local community. While pursuing its global aspirations, MSU-IIT has simultaneously worked towards strengthening its ties with the community through various programs and projects that directly benefit the people.

From conducting research to address local issues to providing skill development programs for the society, MSU-IIT has exemplified the true meaning of an institution embedded in its community. By leveraging its resources and expertise, the university has become a catalyst for positive change, nurturing the growth and development of the region it calls home.

In this edition of the Gazette, we bring you inspiring stories highlighting MSU-IIT's internationalization efforts and its dedication to community engagement.

It is an honor for us to feature the remarkable work of MSU-IIT, as it continues to break barriers and create a harmonious blend of global and local engagement. We hope that these stories inspire you to explore the possibilities of internationalization and community engagement in your own lives.

As always, we appreciate your continued support and encourage you to share your thoughts and feedback with us. Let us celebrate the accomplishments of MSU-IIT in both the global and local spheres, and acknowledge the power of education in transforming lives and societies.

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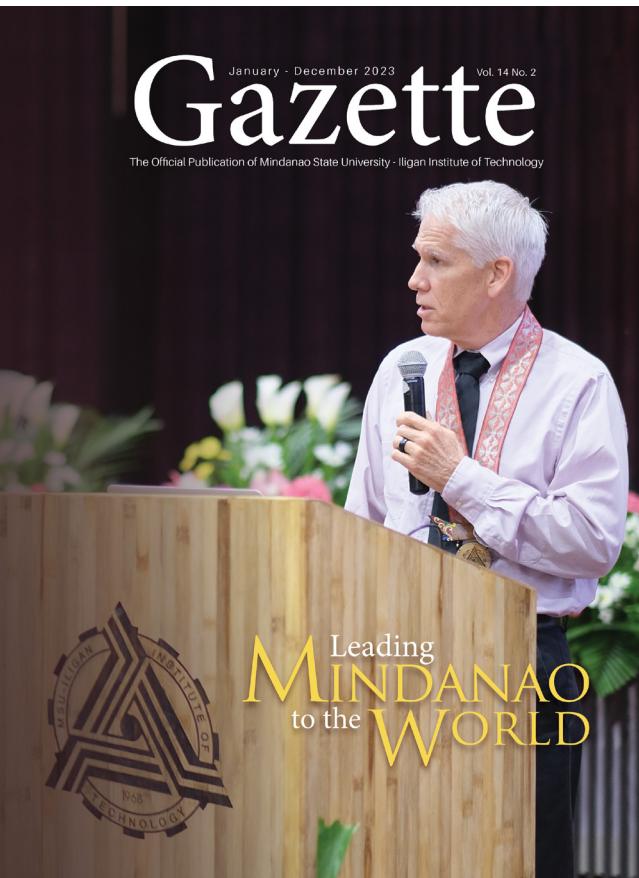
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David Eberhard, Ethnologue General Editor and Senior Sociolinguistics Consultant, SILInternational, gave the opening keynote speech during the 5th Linguistics Society of the Philippines International Conference held on April 27-29, 2023 at the MSU-IIT Gymnasium. Read the news about this on page 9.



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Opinions expressed here do not necessarily reflect those of the Editor or the University Administration.

Contributions are welcome. Send articles written in simple, correct English; photos with captions to: opi@g.msuit.edu.ph

Photos and caption must be separated from text. The Editors reserve the right to choose the articles and photos that appear in Gazette.

Leading Mindanao to the World

Read the remarkable highlights of the University's internationalization efforts in 2023, as MSU-IIT leads Mindanao to the world and influences the future. MSU-IIT's faculty and students showcased their expertise through engaging discussions and paper presentations, advancing their fields and providing invaluable learning opportunities for the global community. Through successful partnerships with international universities, MSU-IIT transformed Mindanao into a thriving center of knowledge and innovation.

Guided by our internationalization mantra, MSU-IIT is at the forefront of shaping the future of Mindanao and beyond. The University is committed to fostering a global perspective, exemplified by hosting distinguished visiting professors who bring fresh insights and diverse perspectives. Their impact extends beyond the classroom, inspiring IITians to aim for academic excellence and make a lasting impression on the world.

By hosting international conferences, MSU-IIT strengthens the global network of scholars and creates opportunities for fruitful collaborations. These events serve as vibrant platforms for academic exchange, empowering researchers from various countries to share findings, spark intellectual discussions, and forge partnerships that shape the future of their fields.

Through MSU-IIT's active participation in internationalization efforts, it aims to elevate Mindanao's position on the global stage, bolstering our University's reputation and influence. MSU-IIT provides invaluable experiences for its faculty and students to expand their horizons, fostering a dynamic environment that nurtures global perspectives, creativity, and innovation.

Mindanao, led by MSU-IIT, is dedicated to breaking down geographical barriers and fostering a vibrant, inclusive, and collaborative global academic community. MSU-IIT is influencing the future; its influence reaches far and wide, making a positive impact on the world.





CEBA taps Indonesian academic partner UMY to deliver Islamic business-related courses

by: Safa Manala-O | Mar 13 2023



Three faculty members from the academic partner of MSU-IIT in Indonesia, Universitas Muhammadiyah Yogyakarta (UMY), were invited as visiting professors of CEBA for this second semester. Selected based on their expertise in the subject matter, these faculty included the Dean of the Faculty of Economics and Business, Prof. Dr. Rizal Yaya M.Sc. Ak. CA. who will handle ACT160 Islamic Accounting, Dr. Dimas Bagus Wiranatakusuma for ACT159 Islamic Finance, and Dr. Radyan Dananjoyo for MKT108 Halal Marketing. Both Dr. Yaya and Dr. Wiranatakusuma were invited by the Department of Accountancy, while Dr. Dananjoyo was invited by the Department of Marketing.

In commitment of the University to advance Islamic business studies in Mindanao, this activity is in line with the collaborative teaching program agreed by both parties intended to capacitate CEBA faculty members handling the said courses and also expose students to an international teaching experience.

Consequently, Assoc. Prof. Safa D. Manala-o, Asst. Prof. Genevieve G. Panerio, and Assoc. Prof. Jessa Mae S. Banse were assigned as the counterparts of the UMY faculty members. The said faculty counterparts arrange the online meetings in various CEBA hybrid classrooms and monitor the students' performance in these courses.

IDS Students win in int'l STEM Project Competition in Bangkok

by Lucian Khylle G. Unabia | Mar 17 2023

A team of Grade 9 students from MSU-IIT's Integrated Developmental School (IDS) were among the 30 winning teams in a STEM (Science, Technology, Engineering, Mathematics) Project Competition held during the 2023 Southeast Asia STEM Fair and

Exposition in Bangkok, Thailand, last March 10-11, 2023.

The fair and expo, which was organized by the Southeast Asian Ministers of Education Organization Regional Centre for STEM Education (SEAMEO STEM Ed), was held at the Pullman Bangkok King Power Hotel.

The SEAMEO STEM Education Centre hosted the event to give young learners from member countries a platform to compete in projects that illustrate the application of STEM learning to solve problems or challenges in their daily lives or communities. One hundred seventy (170) finalists were picked from 370 project submissions, and 30 winners were chosen.

Project TIBACRU, created by four (4) IDS Junior High School students, Ricah Mey Dela Cruz, Ahmad Nur Barambangan, Rachelle Kayeleen Tiu, and Jeca Ayesha Chua, was one of these exceptional projects.

Their initiative aimed to potentially solve food poverty by developing a far more efficient and labor-intensive aquaponics design that could be utilized to cultivate vegetables while raising fish in urban areas. The team was able to develop a fund sufficient, replicable, and waste and energy efficient solution by performing laboratory activities to better engineer their design, collaborating with STEM partner institutions, viewing several videos and documentaries to help them understand the problem, and interacting with various poverty-stricken communities.

The IDS team was led throughout the project development by Mr. Gilden Maecah M. Migalang, who was also a parallel session speaker at the aforementioned event.

The judges were impressed with the team's concept due to its simplicity, affordability, and potential impact. As the only team from Mindanao to get to the final round, the team traveled to Bangkok, Thailand and showcased their solution. The team intends to continue working on their initiative and hopes that one day they become a significant contributor to ending hunger.



Comp Sci Prof Llantos presents study in SOCIALEZ international workshop

Apr 06 2023

Professor Orven E. Llantos, Ph.D., from the Department of Computer Science of the College of Computer Studies, presented his study on “Conceptualization of an Algorithm for Social Learning Management Systems to Promote Learning Interactions” at the international workshop on Social and Cultural Integration with Personalized Interfaces (SOCIALEZ). The workshop was held from March 27-31, 2023, at the University of Technology Sydney in Australia.

In his presentation, Prof. Llantos discussed the utilization of centrality measures to develop an algorithm that promotes learning interactions in a social learning management system called my.eskwela. His paper on this topic has been published and indexed in CEUR Workshop Proceedings (Volume: 3359, ISSN: 1613-0073).

The SOCIALEZ workshop aims to foster the social and cultural inclusion of a broad range of users through the development of interactive techniques. Attendees from various countries, including Italy, Belgium, Switzerland, the United States of America, and The Netherlands, participated in the event, with Prof. Llantos being the only Filipino presenter.

The workshop was held in conjunction with the 28th International ACM Conference on Intelligent User Interfaces (ACM IUI 2023), which was attended by industry leaders such as Google, IBM, Microsoft, NASA, Meta (Facebook Company), UC Berkeley, and other prominent industries and universities who shared their research outputs.

The University, through the Office of the Vice Chancellor for Research and Enterprise, in cooperation with DOST-X under the Local Grant-In-Aid Program, supported Prof. Llantos's attendance at the workshop and conference.



MSU-IIT and OUM formalizes partnership through MOU

by Michelle Jeanne Caracut | Apr 06 2023



On March 14, 2023, MSU-IIT and Open University Malaysia (OUM) formally established a partnership to create an inclusive and equitable learning environment. This partnership was the result of a series of meetings between the two institutions, culminating in the signing of an agreement for collaboration and partnership on several academic and research initiatives.

Representing MSU-IIT during the formalization of the partnership were Chancellor Alizedney M. Ditucalan and Prof. Cenie V. Malabanan, Director of the Center for Pedagogical Innovations. On the other hand, OUM was represented by Prof. Datuk Dr. Mohd Tajudin Md Ninggal, Vice President (Academic & Research), Dr. Aliza Ali, Dean of the Faculty of Education, and Dr. Harvinder Kaur Dharam Singh, also from the Faculty of Education. Together, they signed the agreement and solidified their commitment to the collaboration's academic and research initiatives.

Chancellor Ditucalan expressed his optimism about the partnership, citing OUM's experience as a leading Online Distance Learning (ODL) institution and its potential to enhance MSU-IIT's online learning environment. The MOU outlines the collaboration's goal of improving the material, physical, and intellectual development of students, faculty, and staff at both institutions.

In addition to formalizing its partnership with OUM, Chancellor Ditucalan and Prof. Malabanan attended the BUKA Project meeting hosted by OUM. The project meeting discussed several key agenda including evaluation of the quality of BUKA pilot projects, review of the project handbook, planning of the conference in Penang, and on the extension of the project.

While in Malaysia, Chancellor Ditucalan visited the Nanotechnology and Catalysis Research Center at the University of Malaya.

According to Chancellor Ditucalan in his tweet, he was thankful to Prof. Dr. Rafi and his team for welcoming him to the university. He also said that the visit will greatly benefit the current plan of developing a research degree (MS/Ph.D.) in nanotechnology in MSU-IIT.

These international activities reflect MSU-IIT's commitment to strengthening its research capabilities and developing partnerships with other universities in the ASEAN region.

Physics Grad selected for postdoctoral fellowship to work on non-equilibrium statistical Physics in Germany

by Michelle Jeanne Caracut | Apr 19 2023



Michael Jade Y. Jerez, PhD Physics graduate, was recently selected for a prestigious and competitive postdoctoral position in the esteemed research group of Prof. Dr. Clemens Bechinger. Prof. Bechin ger (<https://www.bechinger.uni-konstanz.de/>) is a renowned scientist with a global reputation as a leading expert in the field of non-equilibrium statistical Physics, making this a significant achievement for Jerez.

Among all applicants around the world, Jerez was selected to fill the only slot to work on non-equilibrium statistical Physics, specifically on the non-equilibrium behavior of colloidal systems at the University of Konstanz, Konstanz in Germany under the supervision of Prof. Bechinger. He will be in charge of doing experimental and numerical investigations.

Jerez will travel to Germany in May and will do his postdoctoral fellowship for two years.

What sets Jerez apart is that he was accepted as a postdoctoral fellow before defending his final dissertation.

"This was a very happy moment for us in our laboratory group knowing that we will now export our expertise globally,

and at the same time, we now have an affirmation that what we are doing is on par with them," said Jerez, beaming with pride.

During the screening process, Jerez was asked to deliver a seminar about his doctoral research work at MSU-IIT, where he had been conducting research in non-equilibrium statistical Physics. Prof. Bechinger was captivated by the fact that there was a laboratory group outside of Japan working diligently and making notable progress in this field of study.

Jerez took his bachelor's, master's, and doctorate degrees in Physics at MSU-IIT, where he worked as a research assistant at the Soft Matter and Biophysics Laboratory in the Premiere Research Institute of Science and Mathematics under the advisorship of Prof. Mark Nolan Confesor.

According to Confesor, he is very proud of Jerez. Confesor had been grooming his students to become well-rounded physicists, and he was extremely happy when he learned of the news.

Before working as a research assistant at MSU-IIT, Jerez taught for two years at Medina College in Ozamis City, and at the University of Science and Mathematics, Cagayan de Oro from February - June 2022.

He presented papers in international conferences and has published his research papers in journals where Nobel prize winners publish. For his publications, you may read them in the following journals:

- Non – equilibrium tracer dynamics in oscillating active gel, *Physica A: Statistical Mechanics and its Applications* 603, 127812 (2022), DOI: [10.1016/j.physa.2022.127812](https://doi.org/10.1016/j.physa.2022.127812)
- Reversibility in nonequilibrium steady states as measure of distance from equilibrium, *Phys. Rev. E* 104, 044609 (2021), DOI: [10.1103/PhysRevE.104.044609](https://doi.org/10.1103/PhysRevE.104.044609)
- Dynamics of a ratchet gear powered by an active granular bath, *Physical Review E* 101, 022604 (2020), DOI:[10.1103/PhysRevE.101.022604](https://doi.org/10.1103/PhysRevE.101.022604)
- Anomalous diffusion of a probe particle in a bath of active granular chains, *AIP Conference Proceedings* 1871 (1):050004 (2017), DOI: [10.1063/1.4996528](https://doi.org/10.1063/1.4996528)

Jerez's appointment to Prof. Bechinger's research group is a testament to his expertise in, and dedication to, advancing the field of non-equilibrium statistical Physics, as well as the work that they do at the Physics Department. This opportunity provides Jerez with a unique chance to collaborate with one of the foremost experts in the field and contribute to cutting-edge research that has the potential to shape the future of Physics. Jerez's future prospects in academia are bright, and his achievements highlight the increasing globalization and diversity of scientific research in the field of Physics.

Mamaug awarded Best Oral Paper Presenter in ISCN 2023

by Karen R. Veloso, CHS | Apr 21 2023

Dr. Minnie B. Mamaug of the College of Health Sciences was awarded one of the best oral paper presenters in the recently concluded International Scientific Conference in Nursing (ISCN) 2023 at the Rizal Park Hotel, Manila.

It was organized by the University of the Philippines College of Nursing, the Philippine General Hospital Department of Nursing, the University of the Philippines Nursing Alumni Association, and the University of the Philippines International Healthcare Forum. MSU-IIT was a co-host of the said conference, along with 15 other institutions.

Dr. Mamaug presented the paper "Development and Assessment on the Readiness to Retirement Program among Faculty and Staff: A Foundation to Healthy Aging" for the session on Reinforcing the Future of Nursing. The research revealed significant findings which called attention to the value of pre-retirement preparations. As a nurse gerontologist, Dr. Mamaug is a staunch advocate for healthy aging.

Other sessions were on Strengthening the Roles of Nurses in Various Healthcare Settings and Supporting the Practice and Education in Nursing with their respective best presenters as well.

The main theme for this year's conference was "The Future of Nursing" and attended by over 400 nursing practitioners and advocates from the Philippines and other countries. It was conducted with the aim of establishing the future directions of nursing education, research, and public service. In addition, this event was a highlight in the celebration of UP Manila College of Nursing's 75th foundation anniversary. The conference included 39 poster presentations and 38 oral paper presentations in concurrent sessions.

In his keynote speech, Mr. Lluis Vinyals Torres, coordinator for Health Policy and Services Design of the World Health Organization (Western Pacific Regional Office), stated that the training of Filipino nurses is much admired abroad and this is an asset which must be strengthened through the engagement of Filipino nurses in the decision making processes of the national healthcare system. He further emphasized that such a strategy can produce highly competent Filipino nurses who are inspired to perform their jobs.

Meanwhile, Department of Health Officer-in-Charge Maria Rosario Singh-Vergeire enumerated some initiatives to not only boost the Nursing profession in the country but also to look into the welfare of local healthcare professionals. Anchored on the National Human Resources for Health Master Plan 2020 – 2040, she mentioned improving the quality and culture of nursing education, expanding career opportunities and capacities

in clinical practice to promote retention, and the reintegration of nurses returning from overseas through specialty centers positions and mentoring initiatives for capacity building.

The six panel discussions in the conference focused on Nursing Education, Research, and Practice in the era of Universal Health Care and on responding to the issues affecting the future of Nursing.

Dr. Carmelita Divinagracia of the Board of Nursing recognized the rapid, constant evolution of nursing education and recommended the harmonization and humanization of the processes in the current nursing education in the country to match the health care needs of the community. She likewise encouraged making the best use of health information technology to further health promotion and disease prevention.

Professor Rita Villanueva-Tamse highlighted succession planning and psychological safety assurance, elements crucial to building healthy working environments in the clinical setting.

Dr. Fely Marilyn Lorenzo stressed the necessity for nurses to be involved in health policy and health policy research while also discussing factors determining the future of Nursing in the Philippines and urging collaboration among nurse leaders and policy makers.

Professor Rosemarie Gadioma recognized the key role of the nurse practitioner who is the first contact of the patient and provider of continuity of care within the healthcare system. She spoke in favor of substantial clinical experience and post graduate education and/or training which should also capacitate the nurse to enhance quality of care.

Active, internet-driven, and digital teaching strategies were strongly endorsed by Professor Minerva Salinas Guttman. She said nurse educators must adapt modern learning tools to facilitate achievement of learning outcomes. The need for stronger, actionable, and collective solutions from the nursing community in response to the heightening migration of Filipino nurses from the Philippines was the plea of Mr. Melvin Miranda, president of the Philippine Nurses Association.



Polish Prof visits MSU-IIT CEBA

by Irah Marie A. Mananggit | May 04 2023

Prof. Maciej Kozlowski, a faculty member from the University of Lodz in Poland, visited the MSU-IIT College of Economics, Business and Accountancy last April 18-21, 2023 as part of the Erasmus+ Faculty Exchange Program.

The Erasmus+ Faculty Exchange Program facilitates teaching placements at higher education institutions worldwide, and functions by delivering open movement and education exchange between registered universities and institutions. MSU-IIT, being one of the registered universities in the program, had been given the opportunity to host an esteemed and well-published Polish professor.

During his four-day visit, Prof. Kozlowski delivered two lectures on Investment Decision and Company's Financial Strategies, as well as Strategy Management, attended by students from various departments. He also had a courtesy call with Chancellor Alizedney M. Ditucalan and Vice Chancellor for International Affairs Joey Genevieve T. Martinez.

The Polish professor also shared his insights during the Faculty Research Mentorship Program where he discussed tips on publication, research, and instruction development.

On the last day of his visit, CEBA held a closing program where Vice Chancellor Martinez expressed his appreciation for the visiting professor and mentioned the possibilities of deploying CEBA's faculty to teach abroad.

According to Martinez, MSU-IIT's participation in the Erasmus+ Faculty Exchange Program is a significant step towards the betterment of the university's education ecosystem.



MSU-IIT hosts 5th LSPIC 2023

by Cecile Antonette O. Lim, CASS | May 04 2023

Linguists, scholars, researchers, educators, and students gathered at MSU-IIT on April 27 – 29 for the 5th Linguistics Society of the Philippines International Conference, a collaboration of LSP, the Department of English and the Department of Filipino and Other Languages. This year's conference theme is "Decentering, Decolonizing, and Deconstructing Languages in New Paradigms and Discourses."

The conference aimed to create a platform where language research practices can be shared and to showcase methodologies that challenge how knowledge is obtained, presented and disseminated.



David Eberhard, current Ethnologue General Editor and Senior Sociolinguistics Consultant, SILInternational, gave the opening keynote speech. Plenary speakers included Kornwipa Poonpon (Khon Kaen University), Steven Patrick 'Tibo' Fernandez (MSU-IIT), and James McLellan (Universiti Brunei Darussalam). The closing keynote speech was given by the AILA (Association Internationale de Linguistique Appliquée) President, Azirah Hashim.

The three-day event featured keynote speeches, plenary sessions, paper presentations, and panel discussions covering a wide range of topics related to the conference theme. These topics included among others language development, language documentation, corpus linguistics, translanguaging, stylistics, discourse analysis, grammatical analysis of Philippine languages, multilingualism, culture studies, neologism and register, crisis communication, language and peace, and languaging power and politics.

The LSP is a professional organization that aims to promote and advance the study and practice of linguistics in the Philippines. The organization has been conducting conferences, seminars, and other activities since its establishment.

With the international conference, the LSP and the Departments of English and Filipino and Other Languages of MSU-IIT hope to contribute to the ongoing efforts to promote linguistic diversity, equity, and inclusion and to generate new knowledge and insights.

Pol Sci students win Best Paper Award in FEU Global 2023 International Research Conference

by Michelle Jeanne Caracut | May 05 2023



Political Science students won best paper award during the FEU Global 2023 International Research Conference.

Their paper entitled Implementation of R.A. 9262 otherwise known as the “Anti-Violence Against Women and their Children Act of 2004” at the Time of Pandemic: The Case of Philippine National Police, Iligan City won first place. This paper is a collective work by Danica Kaye S. David, Janida B. Gulam, Krizsa Mae D. Ongy and Nichole L. Simblante, with Dr. Elaine M. Baulete, as the adviser; Atty. Felicidad C. Gadiano and Dr. Euclil Hussien as panel members.

Third place in the Best Paper category went to Alshadat B. Sabal, a graduate student of PhD in Public Policy and Governance (PPG) of the Political Science Department, whose paper was on Citizenship and the Risk of Statelessness: The Reasons for the Non-Registration of the Sama Dilaut to the Civil Registry Office in the Province of Tawi-Tawi, which is co-authored by Dr. Baulete.

Held on April 27-28, 2023 at Far Eastern University in Quezon City, the conference featured keynote speakers, Dr. Darwis Khudori from University of Le Havre, France and H.E.

Nebojsa Koharovic, Ambassador of the Republic of Croatia to the Philippines.

Roundtable discussions, special lectures, and parallel sessions on topics anchored on the conference theme “Disruption and (Re)-Construction on Contemporary Development Issues in the Asia-Pacific” took place.

The two-day conference is hosted by FEU and co-organized by MSU-IIT, Cavite State University, Visayas State University, Universitas Ciputra Surabaya in Indonesia, and University of Zagreb in Croatia.

The MSU-IIT delegation (in-person participants) was comprised of five faculty members and 20 students (19 BA Political Science and 1 PhD in PPG). The faculty members served as round table discussants and parallel session moderators, while the students were paper presenters. As the conference was held in hybrid set-up, one research team from MSU-IIT joined as online participants, totaling to 24 student presenters.

MSU-IIT joins Ge4 Network, attends annual Global Education Summit

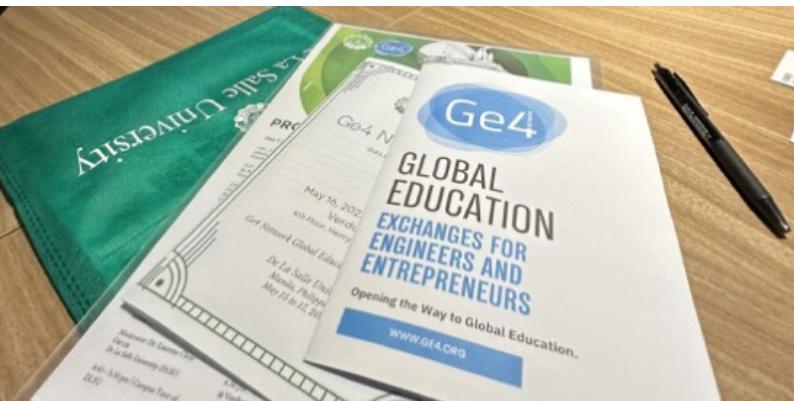
by Michelle Jeanne Caracut | May 15 2023

MSU-IIT recently became a member of the Ge4 Network, a non-profit consortium comprising more than 40 engineering and technology universities worldwide. Registered in France, the network's primary objective is to provide competent global education and study-abroad experiences to higher education institutions, including students, faculty, and staff.

For over two decades, the Ge4 Network has been instrumental in fostering sustainable professional and personal growth for outstanding students by connecting them with top universities across the globe. The network's immersive and cost-effective study-abroad experiences, internship, and research attachment programs span over 15 countries across four continents, paving the way for global education.

Among the network's flagship programs are: Global Education and Exchange (GEE) Programme, Seminars and Capacity-Building Courses, and an Annual Ge4 Global Education Summit.

This year, the Ge4 Global Summit is hosted by the Philippines specifically organized by De La Salle University (DLSU). The summit serves as an annual gathering where members convene to discuss the latest developments in global education and higher education as a whole. It includes a general meeting to chart the network's future direction, as well as campus visits and cultural events aimed at fostering networking and



collaboration. Past locations for the summit have included Brazil, Austria, Spain, Malaysia, and France.

MSU-IIT delegation is led by Chancellor Alizedney M. Ditucalan who introduced the University to the other member universities.

The theme of this year's summit revolved around the transformative potential of artificial intelligence in higher education. MSU-IIT's Vice Chancellor for Research and Enterprise, Gaudencio C. Petalcorin, Jr., was invited to share insightful perspectives on the topic "The Impact of Artificial Intelligence on the Future of Learning and Internationalization."

It is noteworthy that only three Philippine universities are members of the Ge4 Network, namely Saint Louis University, MSU-IIT, and DLSU. This distinction emphasizes the exceptional caliber of MSU-IIT and its commitment to global education and collaboration within the engineering and technology sectors.

DPE hosts Visiting Lecturers Program 2023

by Johnlenon N. Aliser | May 31 2023

The Department of Physical Education (DPE) of the College of Education (CED) successfully hosted this year's Visiting Lecturers Program held from May 17 to 20, 2023 at the campus.

The program was attended by Indonesian speakers from Universitas Wahid Hasyim (UNWAHAS), Prof. Muhlisin M.Pd., Chairperson of the Department of Physical Education, and Prof. Lusiana M.Pd., Dean of the College of Physical Education, Health and Recreation. Both professors shared their in-depth knowledge about sports management and dance. The program kicked off on May 17 with an opening program at the CED Amphitheater.

On May 18, 2023, Prof. Muhlisin discussed sports policy and management in Central Java and shared best practices in sports management at UNWAHAS. This lecture was attended by

Bachelor of Physical Education (BPED) students.

On the third day of their visit, Prof. Lusiana introduced and demonstrated the popular Indonesian dances "Poco Poco" and "Senam Bhineka Tunggal Ika", which were both entertaining and educational. Participants in the said lecture demonstration were high school students from the Integrated Developmental School and BPED students.

The program culminated in the International Dance Workshop at the CASSalida Theater on May 20, 2023. The dance workshop featured "Poco Poco" and "Tari Denok Gaya Semarangan". This was attended by high school teachers in Iligan City.

The Visiting Lecturers Program is one of the highly sought-after collaborative activities between MSU-IIT and UNWAHAS. This year's program is chaired by Asst. Prof. Vienna Lou Carbonell.



CED attends 10th ISET 2023, bags Best Presenter awards

by Angeline P. Dinoro and J-Roel Semilla | Jun 06 2023

Fifteen faculty members and 13 graduate students of the Department of Science and Mathematics Education, headed by College of Education (CED) Dean, Dr. Monera Salic-Hairulla presented research papers at the 10th International Conference for Science Educators and Teachers (ISET) 2023 held in Duangjitt Resort, Patong Phuket, Thailand on May 13-14, 2023.

Hosted by Phuket Rajabhat University and co-hosted by various universities in Asia together with MSU-IIT, the ISET this year was conducted with the theme, Science Education 2013-Need for New Solutions in A Rapid Changing World: Rethinking our Future Together. It aimed to provide an opportunity for researchers, scholars, educational personnel and teachers from different countries--to present valuable research, to exchange and discuss their experiences and point of views, and to initiate a strong network of cooperation.

Moreover, ISET is pushing the frontier and re-engineering the landscape of teaching and learning, and science education especially in the ASEAN context. During the said international conference, 40 papers were presented and 10 researchers were awarded Best Presenters.

PRESENTER & PAPERS PRESENTED

Teacher Representations of Pedagogical Content Knowledge (PCK) in Biology Classroom (Authors: Erniel Ghrizcer G. Ecle and Manuel B. Barquilla) Development and designing of Asynchronous Video Lecture (AVL) with Online Learning Simulators (OLS) in Cell Division (Authors: Erniel Ghrizcer G. Ecle and Manuel B. Barquilla) Development of Filter Paper for Biology Laboratory Activities Prelude to STEM Education Designing (Authors: Ilyn W. Lanaja and Manuel B. Barquilla)

- DR. MANUEL B. BARQUILLA

Assessment of Students' Awareness and Attitude after attending Gender Sensitivity Training

- ASST. PROFESSOR KAYCE MAYE MICHELLE D. CASAS

Blended Learning Model: Effect on Performance and Quality of Learning Experiences Sustaining Engagement in a Blended Learning Modality

- DR. ROXAN CONSOLACION

Assessment of the Reading Curriculum in the Philippine Basic Education Improving Elementary Learners' Reading Skills through Teacher capacitization: An Evaluative Study Assessment of Alternative Learning System in the Philippine Rural Areas

- DR. ANGELINE P. DINORO

GAD Awareness Level of Parents in Selected Elementary Schools of Iligan City: Basis for Gender Sensitization Training Activities

- INST. FELIX GAVIOLA, JR.

Developing Basic Protective Kit Utilizing Contextualized STEM-Online Learning for Grade 10 Learners

- DR. MONERA SALIC-HAIRULLA LEA AGAD

Determining the Gender Issues in the Agricultural Sector in Iligan: Basis for a Proposed Gender Mainstreaming Policy to Address the Issues

- ASST. PROF. JAN VINCENT H. LEUTERIO

The Learning Skills and Level of Understanding of Grade 9 Students on Mathematics Lesson: Sequence and Series

- ASSOC. PROF. MARY JOY F. LUGA

Online Learning: Its Effect on the Student's Performance and Misconceptions in Organic Chemistry Selected Topics (Authors: Alnahar S. Kunting and Edna B. Nabua)

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Teaching collaboration and creativity through Design Based STEM Education in Home Economics Courses

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Learning Barriers of the Grade 10 Students and Its Correlation to Their Mathematics Conceptual Understanding Across Sex (Co-Author: Edna B. Nabua, PhD)

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Biology's Least-Mastered Competencies: Basis for Pedagogical Intervention (Co-Author: Edna B. Nabua, PhD)

- MIRASOL L. BAGUIO

Cognitive Levels and Difficulty Index Based on General Biology Competencies (Co-Author: Edna B. Nabua, PhD)

- JOAN M. BENENOSO

Conceptual Understanding of Biology Grade 10 Learners: Its Relationship to Self-Efficacy (Co-Author: Edna B.

Nabua, PhD)

- ANGEL M. BONTILAO

Mastery Level of the Biology Tenth Graders: Basis for Remedial Instruction (Co-Author: Edna B. Nabua, PhD)

- GASPAR S. CANTERE JR.

Learners' Least and Most Learned Biological Learning Competencies in High School (Co-Author: Edna B. Nabua, PhD)

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Utilizing 21CLD Rubrics to Improve Student's Performance in Earth and Space Science (Co-Authors: Joy Magsayo, Jun Karen Caparoso, Rica Mae Guarin, Elesar Malicoban)

- GERLETT GRACE NALLANO

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Knowledge (PCK) in Biology Classroom

- DR. MANUEL B. BARQUILLA

Developing Basic Protective Kit Utilizing Contextualized STEM-Online Learning for Grade 10 Learners

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While in Phuket, the MSU-IIT CED delegates visited Kasetsart University, particularly at the Faculty of Education and Faculty of Agriculture on May 15-16, 2023. The two-day visit fulfilled the aim to discuss the strengthening of cross-country collaboration in research, community service, possible student and faculty exchange programs, and other educational or academic exchanges.

The academic meeting provided an avenue for MSU-IIT delegates to meet the Associate Dean and the important personnel of the university such as the head of International Affairs, the head of the Laboratory Schools, the Library Head, Dr. Sonchai Ungsonkid, the Chair of the Department of Science Education, and Dr. Narumon Saratapan, a representative from the Department of Vocational Education Teaching Home Economics Education.

Dr. Sasithep Pitiporntrapin, faculty of KU, stressed that the visit ultimately strengthened collaboration. "This is also a perfect



opportunity to publish your research project in Kasetsart University Journal," explained Dr. Pitipornapin.

Associate Professor Dr. Sowatree Nathalang, the editor-in-chief of Kasetsart Journal of Social Sciences (KJSS) discussed the process of submitting paper articles to be accepted for publication. KJSS is a peer-reviewed, Scopus-indexed, ASEAN Citation Index, Science Direct, and Q3 journal that publishes four issues annually, both research and review articles.

The delegates were also given a tour around the University Learning Center that houses the library, the learning and publication facilities which include an Edu-entertainment Center where students can come to watch Netflix movies or play board games, and provides group, individual, and even private study areas for users.

The delegates also visited the STEM Outdoor Learning Hub of Baan Suan Ajarn Pete Farm which showed how Dr. Sasithee transformed his farm into a STEM Education learning avenue. The said farm utilizes Phra Khanong Canal as a water source of the fishpond where students conduct outdoor STEM activities like fish food formulation, bicycle water sprayer, boat carrier making, and plant watering system. Aside from engaging students in fun outdoor activities, they also apply STEM education in real-life contexts.

UMY's Dr. Radyan Dananjoyo delivers inspiring lectures at CEBA, MSU-IIT

by Louise Joy S. De Los Reyes po and April Joy S. Saranillo | Jun 07 2023

The College of Economics, Business, and Accountancy (CEBA) of Mindanao State University - Iligan Institute of Technology (MSU IIT) hosted the Academic Visit of Dr. Radyan Dananjoyo, a faculty member from the Faculty of Economics and Business (FEB) Universitas Muhammadiyah Yogyakarta (UMY), on May 29, 2023 to June 2, 2023. This is part of the collaborative teaching arrangement between CEBA and FEB.

Dr. Radyan Dananjoyo kicked off his academic visit by delivering insightful sessions about emerging trends and challenges in the global economy, particularly in the realms of Islamic marketing, tourism, and finance on May 29, 2023 at the PRISM. The students from the Department of Marketing and Department of Hospitality and Tourism Management attended the lecture on Emerging Research on Islamic Marketing and Tourism in the Global Economy. Dr. Dananjoyo emphasized the importance of Islamic Marketing and Tourism banking on the rise of the number of Muslims. This presents an opportunity for business as a viable segment.

The afternoon session proved equally stimulating as Dr. Dananjoyo explored the intricacies of the Indonesian economy and its connection to Islamic financial technology. Titled "Business Trends and Challenges in Indonesian Economy and Islamic Financial Technology," the lecture shed light to the students from the Department of Accountancy and Department of Economics on the current economic landscape of Indonesia, discussing the various trends and challenges faced by businesses and the innovative solutions offered by Islamic financial technology.

Dr. Radyan Dananjoyo also convened with CEBA faculty members to foster an exchange of ideas, promote interdisciplinary research, and explore potential areas of collaboration between Dr. Dananjoyo and the esteemed CEBA faculty members. He also conducted research mentorship to CEBA graduate students.

This visitation of Dr. Radyan Dananjoyo to MSU IIT serves as a testament to the university's commitment to providing students and scholars with access to exceptional educational opportunities. The opportunity to learn from a distinguished expert in the field not only enriches academic discourse but also inspires future generations to explore new frontiers and contribute meaningfully to society.



Zamayla joins University of Tennessee in Knoxville, USA as Visiting Researcher

by Michelle Jeanne C. Caracut | Jun 21 2023



Asst. Prof. Arnel Zamayla, faculty member of the College of Engineering and Director of the MSU-IIT Fab Lab Mindanao has been selected as Visiting Researcher at the University of Tennessee (UT) in Knoxville, USA.

According to Zamayla, whose contract runs from August 2023 until January 2024, will conduct research on AI Application in 3D printing of polymers and advanced biomaterials, and on the development of armor for personnel and homeland security. He said that this research holds immense promise for transforming multiple industries and pushing the boundaries of technological innovation.

Out of the sixty (60) pre-screened applicants who applied all over the country, Zamayla was chosen as the lone grantee in Mindanao to represent MSU-IIT and Fab Lab Mindanao abroad. The screening process included an oral exam, submission of a research proposal, and an evaluation from a highly-trained technical Committee. Among the applicants were researchers, project leaders, and faculty from the Department of Science and Technology (DOST) regional offices, S&T government offices, and private and public HEIs like De La Salle University, Ateneo de Manila University, University of the Philippines-Diliman, and Philippine Space Agency.

While at UT, Zamayla will also undergo specialized training in additive manufacturing, harnessing the power of machine learning and artificial intelligence. This training will equip him with the computational techniques necessary to optimize the additive manufacturing process, improve material selection, enhance quality control, optimize designs, and enable predictive maintenance. By merging advanced technologies, these applications will unlock the full potential of additive manufacturing, propelling it to new heights. While undergoing training at UT he

will also have access to Oakridge National Laboratory (ORNL) which is a National Laboratory in the US.

Zamayla will be supervised by his program lead, Rigoberto Advincula, Ph.D., UT-ORNL Governor's Chair of Advanced and Nanostructured Materials, who is a leading figure in the field of advanced materials, polymers, and nanomaterials.

Zamayla is receiving funding support from the DOST in this endeavor. The Advanced Manufacturing Center of the Philippines (AMCen) will be providing Zamayla access to its state-of-the-art equipment during the research implementation.

MSU-IIT's Martin and Elias participate in ATU-Net International Staff Week 2023

by Dani G. Ortega, CHS | Jul 16 2023



MSU-IIT's College of Health Sciences's (CHS) Dr. Neil M. Martin and Office of the Vice Chancellor for International Affairs's (OVCIA) Ahmad Yusop Elias last month represented MSU-IIT as delegates to the Asia Technological University Network (ATU-Net) annual signature program, the ATU-Net International Staff Week 2023 (ATU-Net ISW2023), held from June 13 to June 15, 2023 in Jakarta, Indonesia.

Hosted by Atma Jaya Catholic University of Indonesia (AJCUI), this year's program was attended by around 40 participants from different countries and had the theme, "International Office 2.0: From Support to Initiator".

The three-day program highlighted Plenary Sessions by renowned speakers, Breakout Sessions and Participant Presentation Sessions within the International office and had the following program objectives (i) to enhance skills and competencies and managing international office, (ii) to nurture intercultural competencies and international understanding,

and (iii) to share best practices in various areas related to international relations and activities.

Inaugurated in 2019, ATU-Net annually organizes events for member institutions to strengthen the partnerships and forecasting potential collaborations within the network, and to better equip participants with the necessary skills through exchange of ideas and knowledge.

As a member of the ATU-Net, MSU-IIT's participation is essential as it remains steadfast in maintaining good relations with international partners in its pursuit towards internationalization.

CCS, CSM present papers at ISICO 2023 held in Bali, Indonesia

Aug 10, 2023

Faculty members from the College of Computer Studies (CCS) and College of Science and Mathematics (CSM) presented their papers at the 7th Information Systems International Conference (ISICO) 2023 in Sanur, Bali, Indonesia.

The ISICO is an affiliated conference of the Association for Information Systems (AIS) Indonesia Chapter (AISINDO). It received paper submissions mostly from Asia and has an acceptance rate of 69%. This year's conference had the theme, "Breakthrough Information Systems Innovations Toward Digital Resilience, Reinvention, and Transformation".

Authors of the papers presented are also collaborating with other departments and external authors from other



universities. The list below contains the titles and authors of accepted papers:

Department of Mathematics and Statistics

High-dimensional sparse predictive modeling applied to varied correlation structure via generalized additive model

1. Prof. Bernadette F. Tubo

Department of Computer Applications

Department of Information Systems/Technology

Design and Development of a University Outdoor Air Quality Monitoring System

1. Paul Rodolf P. Castor
2. Michael A. Nabua
3. Paul B. Bokingkito, Jr.
4. Apple Rose B. Alce
5. Adrian P. Galido

Department of Computer Applications

Department of Information Systems/Technology

Automated Safe AWD Rice Irrigation Scheduling using Low-Power WAN Technology

1. Apple Rose B. Alce
2. Michael A. Nabua
3. Adrian P. Galido

Department of Computer Science

Solving the Binary Puzzle with Genetic Algorithm

1. Orven E. LLantos, PhD
2. Rachelle Ann B. Balagbis

Department of Information Systems/Technology

Performance Analysis Of Artificial Neural Network Models in Water Level Forecasting

1. Emily S. Tabanao
2. Lemuel Clark Velasco
3. John Frail Bongat
4. Ched Castillon
5. Jezreil Laurente
6. Floremie Apdian

Department of Computer Science

Detecting Rice Weevils in Stored Grains using MFCC and CNN

1. Jennifer Joyce M. Montemayor
2. Glen Paolo G. Escudra
3. Mark Angelo G. Nambatac
4. Dindo T. Tenoria

Department of Information Technology

1. Gerald Karl S. Avila
2. Lemuel Clark P. Velasco

Mercy Community Hospital

3. Armando T. Isla Jr.

Zamboanga City Medical Center

4. Rentor Y. Cafino

Integrated Developmental School

5. Kristine Mae P. Escanillan-Galera

Technology Adoption of Digital Otoscope in Tele-otology: A Structured Review

Department of Information Technology

Senior Citizen User Experience for a Medicine Delivery Service Application

1. Marlou Xerkxex D. Rentucan
2. Rafael Luke B. Leyco
3. Hanifa S. AbdulrasidMelyn B. Pines
4. Lemuel Clark P. Velasco

Department of Information Technology

A web-based market validation tool for the modified Startup Business Company Validation Methodology

1. Lemuel Clark P. Velasco
2. Marlou Xerkxex D. Rentucan
3. Jay Joshua M. Largo
4. Niño Adam M. Racaza

Department of Mathematics and Statistics

1. Daisy Lou Polestico
2. Art Louie Bangcale

Information Technology Department

3. Lemuel Clark Velasco

Forecasting Implementation of Hybrid Time Series and Artificial Neural Network Models

Department Information Technology

1. Lemuel Clark Velasco
2. Alyssa Jenn Estose
3. Melcris Opon

Department of Computer Science

4. Emily Tabanao
5. Floremie Apdian (MSU-Naawan)

Performance Evaluation of Support Vector Regression Machine Models in Water Level Forecasting

Department of Information Technology

1. January F.Naga
2. Mia Amor C. Tinam-isan

Exploring the Influence of Personality Traits on Students' Information Security Risk-Taking Behaviors: A BFI Assessment

Department of Information Technology

1. Junil P. Rarugal
2. Nieva Louwah Sermona (USTP)

Development and Evaluation of Remote Learning Management System using Intranet Network for Hinterland Schools

Papers presented at the conference will also be published in Elsevier's Procedia Computer Science, which in turn will be indexed by Scopus (a gold standard indexing database for published research papers). This will greatly contribute to the Scopus-indexed research productivity of the University, which is useful for the recognition of MSU-IIT for Time's Higher Education and QS World Ranking.

MSU-IIT students triumph at ATU-NET Hackathon 2023 in Malaysia

Sep 02 2023



MSU-IIT students from the College of Economics, Business, and Accountancy (CEBA) and the College of Computer Studies (CCS) emerged victorious, along with their teammates from other Southeast Asian universities from Indonesia, Malaysia, and Vietnam at the Asia Technological University Network (ATU-NET) Hackathon 2023 held on August 28-30, 2023 at Johor Bahru, Malaysia.

The event was hosted at the University of Teknologi Malaysia (UTM) and was jointly organized by UTM International and the UTM Center for Student Innovation & Technology Entrepreneurship (UTM XCITE) with the theme: "Harnessing Innovation to Combat Climate Change."

John Dexter Callao and Jade Dungog from the College of Economics, Business and Accountancy (CEBA) were declared champions, along with their teammates Grace Angelica Nadapdap from Universitas Sebelas Maret, Indonesia; Fellyca Effendi from Universitas Multi Data Palembang, Indonesia; and Ebrahim Abdullah Ahmed Alnuzalli from the University of Technology Malaysia.

The group's project named "GreenGenius" analyzes and determines various soil types and generates tailored-fit tree recommendations, particularly endemic species suitable among ASEAN countries. Additionally, this is complemented with cutting-edge hardware that detects soil fertility, expediting tree planting, reforestation, and restoration initiatives across the region, harmonizing technological innovation and environmental sustainability.

Zaidbren A. Macabato, from the College of Computer Studies (CCS), and her teammates from the University Malaysia Pahang, Universitas Sebelas Maret, and Phenikaa University placed 1st runner-up. Integrating intelligent sensors into an IoT

hydroponic device, their project “Farmsense” monitors plant fertilizer levels precisely. Local communities and households will be equipped with this technology under the team’s vision of sustainable growth.

Asked about his impression of participating in an international competition for the first time, Macabato shared that it “extended beyond the event itself.”

“Connecting with fellow competitors and industry professionals broadened my network and presented unique learning opportunities. Securing the second place was a stepping stone in my journey, teaching me the value of continuous improvement and the significance of embracing both successes and setbacks”, Macabato added.

Another group that included Laurence Troy Sambaan Valdez, another student from CCS, won 2nd runner-up for their innovative creation, “Energauge,” which is a smart electricity socket equipped with an LCD screen providing real-time voltage and total energy consumption data. Other members of the team were Gabriel Gan Yi Shane from UTM, Maxvallecia Frikandy from Universitas Sebelas Maret in Indonesia, and Sudersen Lekshmikanth from Universiti Malaysia Terengganu.

From a mere contest to a comprehensive learning platform, the ATU-NET Hackathon soared. The endorsement by UTM and the Asian Technological University Network underscored the critical importance of student ingenuity in tackling the urgent challenge of climate change.

Dr. Joey Genevieve Martinez, Vice Chancellor for International Affairs, and Assoc. Prof. Lemuel Clark P. Velasco from CCS accompanied the students to the event.

MSU-IIT CHS receives National Excellence Achievement Award

by Dani G. Ortega | Sep 19 2023

The MSU-Iligan Institute of Technology’s College of Health Sciences (CHS) recently received the National Excellence Achievement Award by the TOPRANK Review Academy on September 16, 2023. CHS Dean, Assoc. Prof. Abdullah Junior S. Mangarun, received the award during the Official Ceremony held at the Centennial Hall B of The Manila Hotel.

The pioneering award, “Gawad Galing – Global Award of Excellence in Nursing,” was presented by TOPRANK Review Academy, a multi-awarded educational institution that offers quality review programs for professional licensure examinations in allied health, to commemorate their 10th Year Anniversary Celebration.

Some of the other awardees were Senator Francis Tolentino for the Top Public Health Servant Award, St. Luke’s Medical Center for the Innovation in Clinical Care Award, The Department of Health for the Outstanding Government Agency Award, STIKES TELECOREJO of Indonesia for the International Service Learning Award, Philippine Nurses Association for the Outstanding Nursing Organization Award, Pinoy MD (Host: Ms. Connie Sison) for the Exceptional Public Health Service Program Award, Dr. Kilimanguru (Dr. Winston Tiwaquen) for the Excellent Online Educator Award, and Dr. Josie Q. Udan for the Distinguished Nurse Award.



These prestigious awards is given to International Institutions, Universities, Colleges, Government agencies, Government officials, Hospitals, nurses, healthcare professionals, and other health advocates from the different sectors in recognition of their exceptional performances in the various fields of Nursing and Health Promotion.

Exploring Science and Culture: MSU-IIT Physics Faculty and Grad Students in Sakura Science Exchange Program 2023 at Tokyo University of Science

by Department of Physics | Sep 19 2023

In a unique academic and research opportunity, two esteemed faculty members and two graduate students from the Physics Department at Mindanao State University - Iligan Institute of Technology (MSU-IIT) were selected as recipients of the prestigious 2023 Sakura Science Exchange Program (SSEP). This program, hosted by Prof. Kazuo Umemura at Tokyo University of Science in Kagurazaka Campus, Tokyo, Japan, took place from September 5-16, 2023, and was generously funded by the Japan Science and Technology Agency.

The four individuals who represented MSU-IIT in this remarkable exchange were Prof. Rosario L. Reserva, Associate Prof. Sheila G. Gonzales, and two MS Physics students, Gladys G.



Edilo and Maria Theresa Mae M. Micompal. Their participation in SSEP marks another chapter in the long-standing collaboration between TUS in Japan and MSU-IIT, which has been ongoing since 2015. This collaboration offers faculty and students the invaluable opportunity to explore Japan's cutting-edge science and technology, as well as its rich culture. Other participants of 2023 SSEP include three from Vietnam National University, three from Vellore Institute of Technology in India, and students of the host university, Tokyo University of Science.

The overarching objectives of the Sakura Science Exchange Program align perfectly with its name, "sakura" being the Japanese word for cherry blossom, symbolizing the fleeting beauty of life and knowledge. These objectives include:

Supporting the Development of Talented Human Resources: SSEP aims to nurture talented individuals from overseas who possess the potential to make significant contributions to innovation in science and technology. By exposing participants to Japan's advanced research and development, the program helps them harness their skills and knowledge for the greater good.

Promoting Collaboration and Interaction: SSEP fosters continuous collaboration, cooperation, and interaction between Japanese research universities and their counterparts from overseas. This exchange of ideas and expertise enhances the global scientific community.

Strengthening Diplomatic Relations: The program plays a crucial role in strengthening diplomatic ties between Japan and other countries and regions. By fostering goodwill and cooperation in the field of science and technology, it contributes to international diplomacy efforts.

The 12-day Sakura Science Exchange Program offered a wealth of experience in research and cultural experiences. Participants engaged in various activities, including diatoms sampling in Chiba Prefecture, immersing themselves in state-of-the-art equipment at laboratories, visiting the Miraican-Museum

for Tomorrow in Odaiba, and exploring the carbon nano tubes industrial facility in Yokohama City. These experiences allowed them to witness firsthand Japan's commitment to scientific advancement and technological innovation.

With the aim to be updated with the status and commitment of the research collaboration, Prof. Reserva actively organized the exit conference of the e-Asia Joint Research Program. This collaborative research initiative involved researchers from Universitas Islam Indonesia, Vietnam National University, Tokyo University of Science, and MSU-IIT. The latter group is still in its third year of implementation of the project with a collective focus on the development of nano-biodevices utilizing endemic plants from Southeast Asia. This research exemplifies the global impact of scientific cooperation and collaboration among scholars from different regions.

MSU-IIT collaborates with 2 foreign universities in pioneering microencapsulation-hybrid jig separation technique

by Department of Research | Oct 05 2023



A collaborative research team composed of Dr. Carlito B. Tabelin from MSU-IIT's Department of Materials and Resources Engineering Technology and RIEIT, Dr. Theerayut Phengsaart's research group from Chulalongkorn University in Thailand, and Prof. Mayumi Ito's laboratory at Hokkaido University in Japan pioneered a process called microencapsulation-hybrid jig separation technique, significantly improving the separation efficiency of coal and pyrite. This method combines gravity concentration and encapsulation techniques to reduce bubble attachment, achieving nearly 100% separation.

In addition to enhancing efficiency, this novel approach also passivated pyrite, thus, limiting acid mine drainage (AMD) formation in tailings/rejects. It holds considerable promise as a new standard for clean coal technology, transforming how coal is processed and reducing its environmental footprint.

The findings were published in the Energies Journal. The full article can be accessed at <https://doi.org/10.3390/en16052432>

MSU-IIT hosts ACES 2023

by Annagil A. Beloy, Injelhanna S. Manalundong, Archie B. Bermejo, Jhastein G. Roda | Nov 10 2023

MSU-Iligan Institute of Technology hosted, for the first time, the 11th Annual International Conference on Environmental Sciences (ACES) from November 8-10, 2023.

The event was co-organized by the Philippine Environmental Science Association (PESA), the Institute of Environmental Science and Meteorology at the College of Science, University of the Philippines Diliman, and the Association of IIT Alumni Foundation, Inc. The conference provides an avenue for



the exchange of ideas and dissemination of research findings in environmental science, as well as affiliated fields.

In line with the theme of this year's conference, "Environmental Justice and Peace: Environmental Science as a Catalyst for Change and Innovations," as it welcomes scientists, researchers, policymakers, and participants to discuss and engage in discourses, ACES remains committed to promoting environmental justice and peace by emphasizing the important role of environmental research as a catalyst for groundbreaking

change and innovation.

In his opening message, MSU-IIT Chancellor Alizedney M. Ditucalan encouraged the need for knowledge and solutions for environmental challenges that humanity faced.

"It is clear that we are dealing with matters of planetary importance. Just last night, four barangays in the city were severely affected by sudden flooding due to heavy downpour," he said.

With that, the Chancellor called for both active participation and cooperation.

"Our shared responsibility towards the environment demands our dedication. Our commitment to environmental preservation is both a duty and a privilege. The focus of this conference is not just on the relationship between the academe and the environment, but also on what should be the specific role of environmental science as a catalyst for change and innovation," he added.

In order to cement this plan, a ceremonial Memorandum of Agreement (MOA) was signed by Chancellor Ditucalan, PESA President Prof. Decibel V. Faustino Eslava, Director of the Institute of Environmental Science and Meteorology Prof. Cherry L. Rigor, and IPDM Director and Representative of the Association of IIT Goodlife Foundation Prof. Mark Anthony J. Torres. The signing was witnessed by Vice Chancellor for Research and Enterprise Gaudencio C. Petalcorin Jr. and College of Science and Mathematics (CSM) Dean Prof. Jan Mickell Maratas.

The conference's keynote speaker, Prof. Carlos Primo David, Undersecretary for Integrated Environmental Science, Department of Environment and Natural Resources (DENR), discussed the role of DENR as an organization that manages the environment. His primary concern while at DENR is the most important environmental issue and its possible solutions. Prof. David shared the establishment of a new office in the DENR called the Geospatial and Database Office (GDO), which is tasked with looking at new technologies in order to manage the environment. He also emphasized the accomplishments of that office since its establishment in January 2023.

"In May of this year, through satellite, we were able to catch illegal mining happening just to get ore, and nobody in the municipality knew that there was a Chinese firm operating," Prof. David shared.

The ACES 2023 international conference took place from November 8 to 10 and covered a wide range of topics as seen in its plenary sessions that included topics on environmental justice and peace, biodiversity and conservation, pollution, and climate change.

CED's Silor present papers in Barcelona

by CED | Nov 22 2023

Dr. Adelfa C. Silor, a faculty of the MSU-IIT College of Education and a GAD TWG member, and her daughter Faith Stephanny C. Silor presented papers at The 4th Barcelona Conference on Education (BCE 2023) held in partnership with the IAFOR Research Centre at the Osaka School of International Public Policy at Osaka University, Japan. The Conference was held on September 19-23, 2023 in Barcelona, Spain.

Dr. Silor presented her internally funded research entitled "Effects of Synchronous and Asynchronous Instruction on Learners' Reading Motivation During COVID-19 Pandemic." The study revealed that learners were interested and motivated while attending synchronous and asynchronous classes during the pandemic. Reading motivation was also seen as a strong indicator of reading ability using both synchronous and asynchronous instruction.



Ms. Silor, on the other hand, presented a study on "Gender Inequality in STEM Education: Basis for Gender Sensitization Program," which suggested that gender sensitization training programs be integrated into STEM Education to promote gender equality among students.

The Conference served as a catalyst for building both professional and personal relationships, fostering an environment where individuals from around the world engage in mutual learning. It also stood as a testament to open collaboration, inviting participants to share their insights and expertise in a spirit of intellectual camaraderie.

The Conference also offered an unparalleled setting for academics and scholars of diverse ages and backgrounds becoming a hub for the exchange of cutting-edge ideas, allowing participants to enrich their perspectives through the lens of various cultural and disciplinary backgrounds. In this unique convergence, attendees found a rich tapestry of knowledge exchange, creating a dynamic space where the latest research and experiences intersect.

MSU-IIT welcomes Universitas Muhammadiyah Yogyakarta officials

by Hazel D. Jovita-Olvez, CASS | Nov 23 2023



Universitas Muhammadiyah Yogyakarta's (UMY) Vice-Rector for Internationalization and Cooperation Prof. Dr. Achmad Nurmandi and UMY's Director for E-government and Sustainability Prof. Dr. Eko Priyo Purnomo visited MSU-IIT on September 11-17, 2023, to discuss the status of existing institutional collaborations, explore additional collaborations with other programs, and conduct international seminars and workshops. MSU-IIT officials welcomed guests on September 12, 2023.

MSU-IIT Chancellor Alizedney Ditucalan acknowledged the strong collaboration between universities since 2011. From organizing the International Conference in Public Organizations (ICONPO), today, both universities have jointly offered the dual-degree program in Master of Public Administration (MSU-IIT's MPA) and Master of Government Affairs and Administration (UMY's MGAA) since 2016. Faculty members of both universities are currently doing collaborative research and joint publications.

The welcome program was followed by meetings with the Department of Political Science, department chairpersons, and the internationalization committee of the College of Arts and Social Sciences (CASS) and the College of Economics and

Business Administration (CEBA).

On September 13, Prof. Dr. Nurmandi and Prof Purnomo served as resource speakers during the international seminar on ICT and Public Policy and



environmental sustainability in Indonesia. Prof. Dr. Nurmandi shared the current developments in digital governance in Indonesia while Prof. Dr. Purnomo highlighted the environmental challenges that Indonesia is currently facing and the strategies adopted to achieve sustainable development in the country.

In the afternoon, a lecture-workshop on publication in the social sciences was conducted. The focus of the lecture-workshop was bibliometric analysis using tools such as dimensions, Mendeley, and others in generating and analyzing data. A similar lecture-workshop on research methodology was conducted with graduate students of the Department on September 16 and 17. The lecture-workshop was part of the regular activities of the Department to assist and improve the capacity of graduate students in writing and publication.

Faculty members of the Department of Political Science also served as co-supervisor and external examiners of PhD Candidate Herman Lawelai who is enrolled in the PhD program of the Department of Public Administration of the Universitas Muhammadiyah Yogyakarta, Indonesia.

Six researchers from the Russian Academy of Sciences visit MSU-IIT

by OVCIA | Nov 29 2023



Six researchers from the Severtsov Institute of Ecology and Evolution (SIEE) of the Russian Academy of Sciences (RAS) visit Mindanao State University – Iligan Institute of Technology (MSU-IIT) to investigate extensively nematodes (roundworms) in Iligan City and its surrounding municipalities from November 24 to November 30, 2023.

Their areas of interest include nematodes from agricultural areas and marine ecosystems, as well as those that infect animals, such as goats, cows, and others. The seven-day visit is facilitated by the Office of the Vice-Chancellor for International Affairs (OVCIA) in coordination with the Department of Biological Sciences (DBS).

The research team is composed of Dr. Alexey Tiunov, Deputy Director of SIEE; Dr. Sergei Spiridonov, Head of the Parasitology Center; Dr. Mikhail Pridannikov, Head of the Phytoparasitology Laboratory; Boris Efeykin, a specialist in the molecular studies of parasites; Ivan Sotnikov, a specialist in soil fauna; and Vladimir Krapivin, a specialist in trematodes.

RAS inked an agreement with MSU-IIT in 2014 that paved the way to the discovery of nematode species from earthworms. This year, the MOU between RAS and MSU-IIT was renewed under the leadership of Chancellor Alizedney M. Ditucalan. With this current undertaking, the nematology research group of MSU-IIT headed by Prof. Dr. Nanette Hope Sumaya and Prof. Dr. Joey Genevieve Martinez hopes to contribute to the overall scientific productivity through journal publications.

MSU-IIT and Institut Teknologi Sepuluh Nopember, Indonesia co-teach Special Topics in Information Systems

by CCS | Dec 02 2023

The MSU-IIT College of Computer Studies (CCS) has implemented an international collaboration with the Department of Information Systems of the Institut Teknologi Sepuluh (ITS) Nopember based in Surabaya, Indonesia for the first semester of AY 2023-2024. ITS is ranked 128 in the 2024 QS Asia University Rankings, 621-630 in the 2024 World University Rankings, and 1201-1500 in the 2024 THE World University Rankings.

The academic collaboration involves a co-teaching engagement with two faculty members from the two universities handling specialized research topics in information systems. These two faculty members are Assoc. Prof. Lemuel Clark Velasco of MSU-IIT and Prof. Mahendrawathi ER of ITS. They co-teach ISY116-Special Topics in Information Systems, a subject offered by the BS Information Systems program of MSU-IIT.

Prof. Mahendrawathi ER who finished her PhD in Manufacturing Engineering and Operations Management from the University of Nottingham, UK, is a Professor of Business Process Management from the ITS Enterprise Systems Laboratory and is actively involved in the Information Systems International Conference (ISICO), a biennial event that has been constantly participated by the faculty of the MSU-IIT CCS.

With a Memorandum of Understanding that was originally signed in 2020 between MSU-IIT and ITS, the co-teaching engagement which was formalized in a separate Memorandum of Agreement aims to equip the 43 third-year students of the BS Information Systems program in the development of systematic reviews which can be the basis for the undergraduate thesis of the students.

During the final planning meeting of the semester-wide engagement held last September 6, 2023, Vice Chancellor for International Affairs Prof. Joey Genevieve T. Martinez welcomed Prof. Mahendrawathi to the MSU-IIT family.

CCS Dean Assoc. Prof. Rabby Q. Lavilles shared that this will be the first of the many international co-teaching engagements that will be undertaken by CCS. He further expressed that Prof. Mahendrawathi's engagement with CCS will not only elevate the quality of instruction and research of the University's Information Systems Program

but will also aid in the maturity of the Information Systems discipline in the Philippines.

Through co-teaching engagements with international collaborators, MSU-IIT aims to elevate not just its internationalization engagements but also the quality of instruction and research.



Prof. Lavilla wins 2nd place for Best Poster Presentation at ICDDTM 2023

by CSM | Dec 11 2023



Prof. Charlie A. Lavilla Jr. of the College of Science and Mathematics won 2nd place for Best Poster Presentation at the International Conference on Drug Discovery and Translational Medicine (ICDDTM) held on December 5-6, 2023 at Mines Beach

Resort, Seri Kembangan, Selangor, Malaysia.

Prof. Lavilla presented his research entitled, "Selected Mindananoan Medicinal Plants as Potential Agents to Improve Insulin Resistance in Skeletal Muscles Under Metabolic Stress."

The said study was co-authored by Heisen Jane L. Esdicul (undergraduate student), Charles Klein M. Gorit, Francis N. Limbag (Research Assistants), and Prof. Mylene M. Uy

Prof. Lavilla's graduate students, namely Michael Angelo Circulado (MS Candidate), Jessa Marielle Paulines (MS Graduate), and Richemae Lebosada (PhD student) also presented their respective projects.

ICDDTM '23 aims to bring together academicians, health industry players, researchers, clinician scientists, medical doctors, nurses, pharmacists, nutritionists, other healthcare personnel, policymakers, graduate students, and postdoctoral fellows from all parts of the world to discuss the current progress of drug discovery and translational medicine.

MSU-IIT takes the lead in enhancing internationalization of PHEIs

by Michelle Jeanne C. Caracut, OC | Dec 19 2023

In a significant development for Philippine higher education, the Commission on Higher Education (CHED) has selected the Mindanao State University – Iligan Institute of Technology (MSU-IIT) to spearhead the ANTENA 2 project, aimed at enhancing the internationalization of higher education in the country.

This project, funded by CHED and the University of Alicante in Spain, follows the success of the previous Capacity Building project, ANTENA 1, which was co-financed by the European Commission through the Erasmus+ Programme.

While ANTENA 1 played a crucial role in strengthening the International Relations Offices (IROs) of selected Higher Education Institutions (HEIs) in the Philippines, ANTENA 2 aims to extend its impact to both existing and new HEI partners.

CHED has identified 16 State Universities and Colleges (SUCs) for ANTENA 2, representing each region and are categorized based on their maturity levels in internationalization practices and institutional culture—



beginners, intermediate, and advanced—to participate in training programs, leveraging the lessons learned from ANTENA 1. The project is scheduled to commence in March 2024 and conclude in August 2025.

Under the leadership of MSU-IIT, ANTENA 2 focuses on capitalizing on the successful internationalization activities and strategies of Philippine HEIs. The key objectives include supporting capacity-building programs for staff in IROs, crafting internationalization strategies adhering to global standards, and fortifying the Philippine International Network (PHL In-Net) by enhancing intercultural awareness, ultimately aiming to create a network of proficient individuals championing internationalization in the Philippines.

With an 18-month duration and a budget of 14M pesos, ANTENA 2 is hoped to shape the international landscape of Philippine higher education and foster a more globally connected academic community.

Chancellor Alizedney M. Ditucalan's Internationalization Leadership

This section highlights Chancellor Alizedney M. Ditucalan's participation in ten different events where he represented MSU-IIT as a keynote speaker, plenary speaker, and Philippine delegate.

Chancellor Ditucalan was highly regarded as a plenary speaker in international conferences. His presence and ability to communicate effectively captivated the audience. With his insightful ideas and expertise, he gained recognition as a respected authority in his field. His contributions sparked important discussions and brought about positive changes in global higher education.

As a representative of MSU-IIT, Chancellor Ditucalan delivered impactful speeches as a keynote speaker. His passion for internationalization and unwavering commitment to excellence shone through as he shared his valuable experiences and visionary perspectives.

Furthermore, Chancellor Ditucalan played a significant role in showcasing MSU-IIT's dedication to internationalization. As a respected delegate, his active participation in the 2023 Times Higher Education (THE) World Academic Summit, THE Asia Universities Summit, 11th ATU-Net Board Meeting, and in the 2nd Universiti Teknologi Brunei-University Presidents' Forum enhanced the university's global presence. This strengthened MSU-IIT's position as a leading institution, contributing to the future development of higher education not just in the Philippines, but on an international scale.

Through his international engagements, Chancellor Ditucalan solidified himself as a trusted global leader, highlighting MSU-IIT as a champion for internationalization.







Ditucalan keynotes 2023 IBEC

by Michelle Jeanne Casiple Caracut

On November 24, 2023, Chancellor Alizedney M. Ditucalan delivered his keynote for the 2nd International Business and Economics Conference (IBEC) 2023 hosted by the Eka Prasetya School of Business and Economics (STIE). The conference was held at the Le Polonia Hotel at Kec. Medan Polonia, Kota Medan in Sumatera Utara., with the theme Regional Economic Development and Business Transformation in The Digital Era.

Unable to travel to Sumatera Utara, Chancellor Ditucalan delivered his address via Zoom. During the program, Chancellor Ditucalan provided a comprehensive overview of the intersection between emerging technologies, higher education, and regional economic development and business transformation, shaping a roadmap for success in today's rapidly evolving world.

ChanZed's presentation specifically focused on the topic of "Emerging Technologies and the Role of Higher Education in Economic Development and Business Transformation." He began by discussing the current context of regional economic development and business transformation, highlighting the growth potential of Asia-Pacific and ASEAN regions. The impact and challenges faced by ASEAN are examined, along with the need for change within higher education institutions to adapt to the demands of the technology-driven future.

His presentation also explored the transformative power of emerging technologies such as AI, Phygital Convergence, Sustainable Technology, Cyber Resilience, and Quantum Computing. These technologies are poised to revolutionize various sectors and industries, but according to ChanZed, caution must be exercised

to address potential societal inequalities and ethical concerns.

The role of higher education institutions in regional economic development and business transformation was also emphasized in his talk, encompassing aspects such as research, skilled workforce development, entrepreneurship, innovation, collaboration, and knowledge diffusion. Key initiatives for higher education institutions, including microcredentials, industry-academia collaboration, interdisciplinary approaches, and alignment with Sustainable Development Goals (SDGs) were proposed.

Moreover, he saw strengthening Science, Technology, and Innovation (STI) governance as pivotal in driving economic development and business transformation, with a focus on increasing R&D investment, building capacity, comprehensive planning, policy coherence, stakeholder engagement, transparent decision-making, and fostering an enterprise ecosystem.

His presentation concluded by highlighting the need for higher education institutions to embrace Industry 5.0 and Society 5.0, incorporating STEM and Arts fusion for human-machine collaboration, sustainability, and ethical considerations. He underscored as well the importance of rethinking the firm, leveraging AI, implementing effective leadership mandates, and establishing AI governance for a brighter and more prosperous future.

Faculty members of the College of Economics, Business and Accountancy presented their papers at the conference.



Chancellor Ditucalan talks on impact of academic policies on MSU-IIT's programs and ELT at the 3rd ICETLI

by Michelle Jeanne C. Caracut | Aug 23 2023



Chancellor Alizedney M. Ditucalan took the spotlight at the 3rd International Conference on English Teaching and Learning Issues (ICETLI) held on August 22, 2023, shedding light on the impact of academic policy-making on MSU-IIT's program offerings and the landscape of English language instruction.

Conducted in hybrid set-up, the 3rd ICETLI is organized by the Department of Tadris Bahasa Inggris, Institut Agama Islam Negeri Kudus of Indonesia and co-organized by MSU-IIT through the College of Education.

Framing his presentation entitled The Role of the Academe in English Language Education: Perspectives from Multicultural Contexts within the context of the English Language Teaching paradigm, Ditucalan delved into how academic policies reverberate within MSU-IIT, shaping the University's academic trajectory. His discourse extended to the socio-linguistic landscapes of Mindanao, where MSU-IIT is located, highlighting the university's makeup and its ties to how English is taught.

Ditucalan also underscored the linguistic hurdles faced by learners when grappling with English.

"The study of English as an entirely different grammatical system posed a difficult challenge to our learners. You will see how our students who spoke at least two Philippine languages at home before they learn English will have a unique experience in learning English," he pointed out.

He explained that because English has many features that are very different from the languages students first learn, they often make mistakes due to

these differences.

The professor of law then proceeded to discuss language research, program design on English studies, institutional policies and support, and reflections on the lingering impact of colonialism on the Philippines. He also talked about the university's goal to move beyond the past and bring new ideas to education.

In closing, Ditucalan emphasized the academe's pivotal role in unlocking new perspectives and in understanding society better through the lens of language.

After his plenary talk, a 10-minute Q and A took place.

Chancellor Ditucalan delivers keynote address on STI Governance during the IAMSTEM 2023 in Cambodia

by Michelle Jeanne C. Caracut, OC | Sep 17 2023



Phnom Penh, Cambodia - In his keynote address delivered during the 6th Annual International Meeting on STEM Education (IAMSTEM 2023) held in Phnom Penh, Cambodia, MSU-IIT Chancellor Alizedney M. Ditucalan emphasized the critical role of Science, Technology, and Innovation (STI) governance in influencing the future.

Chancellor Ditucalan's keynote address, titled "Influencing the Future: The STI Governance of MSU-IIT," provided the audience insights into the need for good STI governance, its benefits, and the challenges it entails.

Chancellor Ditucalan introduced the topic by relating it to MSU-IIT's journey. He provided an overview of MSU-IIT's approach to STI governance and discussed the key pillars of the university's STI governance framework.

Throughout his address, ChanZed emphasized the

importance of flexibility in STI governance to accommodate evolving trends, emerging technologies, and changing research needs. He highlighted the role of administrative support in facilitating seamless research operations. "Administrative support ensures that researchers can focus on their work without undue administrative burdens," he said.

He also mentioned the necessity of an incentivization or reward system to promote excellence in STI. According to the professor of law, by providing incentives such as research grants, awards, promotions, and recognition for achievements in STI, institutions can motivate faculty and researchers to actively pursue innovative and impactful research. "This system acknowledges and rewards research productivity, quality of publications, successful technology transfers, and societal impact achieved through STI," he added.

Chancellor Ditucalan delved into MSU-IIT's specific context, detailing the university's evolution, growth in funding, and its achievements in various programs and initiatives. He discussed the university's strategic goals, alignment with national plans, and the key elements of policy formulation, including the identification of research priorities.

He then elaborated on the pillars of STI governance, offering a comprehensive overview that encompassed policy and strategy development, investment and resources allocation, teacher professional development, curriculum and pedagogy enhancement, collaboration and partnerships, inclusivity and equity promotion, evaluation and monitoring mechanisms, and ethical considerations.

In his discussion of each pillar, Chancellor Ditucalan incorporated MSU-IIT's experiences and practices, providing examples of how the university has excelled in these areas. He highlighted the institution's achievements in research, its advanced laboratories, industry-academia collaboration, and its commitment to inclusivity and diversity.

Chancellor Ditucalan also touched on the challenges faced by the university in implementing effective STI governance, including institutional barriers, limited resources, compliance and integrity concerns, wastage of resources, unproductive faculty, complex procurement processes, and multi-layered decision-making. He emphasized the need for universities to address these challenges through administrative revisions, capacity building, and fostering an innovative culture.

Chancellor Ditucalan concluded his address by underscoring the importance of interdisciplinary collaboration in STI governance, its role in addressing global challenges, and its contribution to sustainable development. He cited the connection between STI governance and the United Nations' Sustainable Development Goals (SDGs), emphasizing the importance of responsible and inclusive STI practices in achieving these goals.

For his final note, Chancellor Ditucalan told the participants

that STI governance is dynamic, and constantly evolving to meet the demands of changing times.

"STI governance is not static; it evolves with the times, and so must we. The benefits are limitless, extending beyond economic growth to an improved quality of life for all. It is influencing our future."

The IAMSTEM 2023 is jointly hosted by MSU-IIT with the Ministry of Education, Youth and Sport, Cambodia; Science Education Association of Thailand (SEAT); ASEAN Comparative Educational Research Network (ACER-N); Khon Kaen University, Surindra Rajabhat University, Yala Rajabhat University, Thailand; Universiti Kebangsaan Malaysia, State University of Malang, Galuh University, Indonesia; Thai Nguyen University of Education, Vietnam; National Taiwan Normal University (NTNU), Taiwan; and Curtin University, Australia.

MSU-IIT explores int'l collaboration with two Australian universities

by Michelle Jeanne C. Caracut, OC | Oct 08 2023

Mindanao State University-Iligan Institute of Technology (MSU-IIT) explored international collaboration to advance education and research with two Australian universities: The University of Adelaide and Curtin University.

Chancellor Alizedney M. Ditucalan and Vice Chancellor for Research and Enterprise Gaudencio C. Petalcorin, Jr. met with counterparts from the two universities on October 2-6, 2023 in a collaboration session. Its goal is to find ways to combine research efforts in relation to the Research Excellence Program in collaboration with the Commission on Higher Education, as well as explore potential academic engagements and student opportunities.

Chancellor Ditucalan and Vice Chancellor



Petalcorin met with Prof. Peter Hoj, the Vice-Chancellor and President of The University of Adelaide, Prof. Jessica Gallagher, the Deputy Vice-Chancellor for External Engagement, and faculty representatives from Faculty of Sciences, Engineering, and Technology; Faculty of Arts, Business, Law, and Economics; and Faculty of Health and Medical Sciences. They discussed various potential areas of collaboration between MSU-IIT and The University of Adelaide, including joint supervision of graduate students and research collaborations.

Sharing further details, Chancellor Ditucalan said, "Following the meeting with the faculty representatives and the director of the Graduate Research School, we also had a discussion with the Professional and Continuing Education department to explore opportunities for a research excellence project. We also explored how they can assist us in developing microcredentials."

At Curtin University, Chancellor Ditucalan and Vice Chancellor Petalcorin met Prof. Xiaotian Zhang, the Deputy Vice-Chancellor for Global; Prof. Steven Reddy, the Dean of Research; Prof. Mark Buntine, Dean of Faculty of Science; Prof. Vishnu Pareek, Dean of Faculty of Engineering; and Assoc. Prof. Dimple Quyn, Dean of Teaching and Learning. The group discussed the strategic directions of the partnership of the two universities.

During their visit, the MSU-IIT delegation toured the campus and visited Curtin University's newly renovated library, shared laboratory, and the Hub for Immersive Visualization and eResearch (HIVE). While in Curtin, the two MSU-IIT officials met MSU-IIT's outstanding alumnus, Dr. Richard Alorro (Class of 2002), who is a faculty member at Curtin University.

Prior to the visit to the two universities, Chancellor Ditucalan and Vice Chancellor Petalcorin attended the 2023 Times Higher Education (THE) World Academic Summit at The University of Sydney on September 26-28. Chancellor Ditucalan joined academic leaders from all over the world in the summit's Presidents' Forum organized by THE and The University of Sydney.

The forum was a pre-summit event where presidents and chancellors of invited universities shared their views on important issues such as freedom of speech, historical legacies, and

challenges in partnering with industry, community, and government.

"It was an exciting opportunity to engage in conversations among university leaders, something that has not been done before at a World Academic Summit event. The theme of the discussion, "University leadership in an age of distrust," was thought-provoking and highly relevant," said the Chancellor in his Facebook post.

Chancellor Ditucalan, upon his return, plans to strengthen the ties with the two universities as the collaboration meetings promise to empower students and promote academic and research excellence on an international scale.

Chancellor Ditucalan urges universities to adapt and lead as Industry 5.0 and Society 5.0 loom large during UTB-UPF 2023

by Michelle Jeanne C. Caracut, OC | Nov 05 2023



"As we stand on the precipice of Industry 5.0 and Society 5.0, it is incumbent upon our universities to adapt, innovate, and lead in this era of transformation," emphasized Chancellor Alizedney M. Ditucalan during the 2nd Universiti Teknologi Brunei-University Presidents' Forum (UTB-UPF 2023).

Ditucalan participated as one of the panelists for the session on Higher Education Milestones of the said forum held on October 24 at the International Convention Centre, Berakas, Brunei Darussalam.

During the forum, Ditucalan highlighted the importance of discussions like this in shaping the future and maintaining human control in the face of AI and technology. He also highlighted the substantial impact of the global pandemic on higher education, including the shift to remote learning and the need for innovation. According to him, the pandemic led to three pivotal developments: digital transformation, the emergence of new business models, and the growing need for flexible lifelong learning.

"But if there is anything that we had also gained from the pandemic is

how it accelerated the digital transformation across the entire spectrum of education, not just in higher education. We are confronting the reality of “hyper-digital” futures, a landscape marked by the pervasive use of cutting-edge technologies,” said Ditucalan.

The chancellor pressed on, underscoring the rapid advancements in technology, including AI, cloud computing, big data, IoT, and virtual reality, and their impact on education. He pointed out that while digitalization has brought many benefits, it has also introduced challenges related to social interactions, equity, data privacy, and control.

“While the benefits of digitalisation are plentiful, these challenges remind us that its integration into education should be done thoughtfully, inclusively, and with careful consideration of its impact on society as a whole,” he said.

Ditucalan stressed the need to prepare students for an uncertain future, emphasizing the development of curiosity, imagination, resilience, and other essential skills.

Towards the end of his discussion, he posed two crucial questions for the participants to ponder: whether to revert to pre-pandemic initiatives or embrace digital advancements as the way forward.

He urged academic leaders present in the forum to adapt, innovate, and lead in the era of transformation, by incorporating technology, particularly AI and cognitive computing, into curricula, and developing soft skills in students to thrive in an age defined by smart machines.

“Indeed, universities’ ability to future-proof themselves will stem from their agility to respond to an ever-evolving landscape and their capability to remain at the forefront of knowledge generation and application. In this context, harnessing the power of technology is a critical factor. Emphasizing cognitive computing, AI, and other digital advancements in curricula are stages in this journey. But most importantly, building a robust platform for soft skills, such as creativity, emotional intelligence, and critical thinking, will equip the leaders of tomorrow to thrive in an age defined by smart machines,” Ditucalan concluded.

The UTB-UPF 2023 is a featured event of the first biennial congress organized by UTB, the UTB Science, Technology and Engineering Connect (UTB-STE Connect 2023). It featured two other events namely the 11th ATU-Net Board Meeting, attended by ATU-Net members (with MSU-IIT being one of the founding members) and 2nd UTB University Presidents’ Forum and Women Leadership Forum.

The overarching theme of UTB-STE Connect 2023,

“Rethinking Education Amidst Global Uncertainties,” was explored at the UTB-UPF 2023. This gathering aimed to reflect on the milestones achieved in a Volatile, Uncertain, Complex, and Ambiguous (VUCA) world, which necessitates macro-level strategic reforms. It sought to illuminate the way forward in higher education, envisioning advancements in human interest, societal goals, and better living and working communities.

MSU-IIT, Université de Limoges of France continue relations with signing of MOA on Erasmus+ Mobility

by Michelle Jeanne C. Caracut, OC | Nov 24 2023

Mindanao State University-Iligan Institute of Technology (MSU-IIT) and the Université de Limoges of France signed a Memorandum of Agreement (MOA) on November 15, 2023 to further develop their long-standing relationship through the Erasmus+ Mobility project.

Chancellor Alizedney M. Ditucalan, representing MSU-IIT, and Prof. Isabelle Klock-Fontanille, President of Université de Limoges, affixed their signatures to this seven-year commitment, symbolizing a strengthened collaboration under the said project.

This MOA solidifies the commitment of both universities to fostering collaboration in student and staff exchange programs within the framework of the Erasmus+ programme. The agreement underscores the principles of sound and transparent fund management allocated to the institutions through Erasmus+, with a dedicated focus on upholding the quality requirements set forth in the Erasmus Charter for Higher Education.

Noteworthy in the signing ceremony, held at the



Institut de Recherche sur les Céramiques (IRCER) in Limoges, was the shared dedication to data protection. Both universities pledged to exchange mobility-related data in accordance with the principles outlined in the General Data Protection Regulation.

Furthermore, they expressed their commitment to adhering to the technical standards of the European Student Card Initiative, particularly in the context of international mobility involving third countries not directly associated with the Erasmus+ Programme.

"This collaboration marks a significant step towards fostering global academic excellence and cultural understanding. It reflects our commitment to providing enriching opportunities for our students and faculty, transcending geographical boundaries," said Chancellor Ditucalan during an interview.

Since 2014, MSU-IIT and Université de Limoges have been officially collaborating as partners (initial partnership started in 2013), engaging in various initiatives such as professorial visits, sending faculty members from the Physics Department to pursue PhD degrees under the French Government Scholarship, and currently, on a student specific PhD dual-degree program (cotutelle).

The Erasmus+ Mobility Project is championed by Director Philippe Thomas, alongside Romain Lucas-Roper of IRCER. Additionally, Professors Jinky B. Bornales and Rolando T. Candidato, Jr., from MSU-IIT's Physics Department of the College of Science and Mathematics, play pivotal roles in driving the success of these collaborative endeavors.

With this MOA, MSU-IIT and Université de Limoges continued a collaboration for enrichment, cultural exchange, and international cooperation, setting a standard for collaborative

initiatives in higher education.

A renewal of a Memorandum of Understanding between the two universities is slated to take place sometime in February or March 2024.

Ditucalan, Kwan present paper on Legislation and Policy for Promoting Tourism Industry in the 19th ALIN General Meeting & International Conference

by Michelle Jeanne Casiple Caracut

At the 19th Asia Legal Information Network (ALIN) General Meeting and International Conference, Chancellor Alizedney M. Ditucalan and Atty. Audrey Michelle Kwan, legal assistant at the Office of the Chancellor, discussed the vital role of legislation and policies in reigniting tourism in Asia. Their paper, entitled "Re-Blooming of Tourism in Asia: Legislation and Policy for Promoting Tourism Industry," highlighted the efforts of the Philippine government to develop and promote the tourism industry, emphasizing the need for sustainability and inclusivity.

Held in Taipei, Taiwan on September 4-6, 2023, the conference, which was hosted by the National Taiwan University-College of Law, brought together legal experts, policymakers, and researchers to discuss and address the challenges faced by Asia's tourism industry amidst the ongoing COVID-19 pandemic. Chancellor Ditucalan and Atty. Kwan's paper stood out as an analytical and forward-looking perspective on promoting tourism as a driver of socio-economic growth and cultural affirmation.

Atty. Kwan, who was the co-presenter, expressed her insights on the impact of the pandemic on the Philippine tourism sector. "The COVID-19 pandemic prompted the Philippines' tourism sector towards resilience, sustainability, and inclusivity. Effective policy implementation is paramount for ensuring long-term sustainability. As policymakers navigate these challenges, they must address systemic weaknesses and proactively prepare for future shocks while steadfastly promoting sustainable growth," she said.

During their presentation and Q and A, Chancellor Ditucalan and Atty. Kwan highlighted the comprehensive efforts of the Philippine government at both national and local levels to mitigate the effects of the crisis and revitalize tourism. Their analysis covered policies planned and executed before, during, and after the pandemic, focusing on their crucial role in navigating through the challenges posed by the crisis.



The paper stressed the importance of multi-level governance and collaboration between various stakeholders, including governments, the private sector, communities, and tourists themselves. Chancellor Ditucalan and Atty. Kwan emphasized that inclusive decision-making and cooperation are essential for the long-term success of sustainable tourism.

They further highlighted the need for policies that promote national pride among Filipinos and showcase the country's rich heritage and diverse landscapes to both domestic and international visitors. The aim is to create an environment where tourism benefits not only the economy but also fosters cultural appreciation and unity among the population.

Looking to the future, Chancellor Ditucalan and Atty. Kwan called for policymakers to focus on long-term solutions while addressing the immediate challenges caused by the pandemic. They stressed that resilience, adaptability, and sustainability are vital in ensuring a bright future for the tourism industry.

Their presentation generated significant interest and initiated further discussions among policymakers, researchers, and industry experts. The hope is that these engagements will lead to collaborative efforts in building a stronger, more resilient, and sustainable tourism industry not only in the Philippines but throughout Asia.

As the world gradually recovers from the pandemic, incorporating the insights gained from this presentation can serve as a catalyst for the re-blooming of tourism in the region. Chancellor Ditucalan and Atty. Kwan's vision of a revitalized tourism industry, driven by effective legislation and inclusive policies, holds promise for a brighter and more prosperous future for Asian tourism.

Chancellor Ditucalan joins panel discussion in THE Asia Summit, shares thoughts on micro-credentialing and blended learning

by Pamela F. Resurreccion, OVCPD | Jun 22 2023

In a gathering of university leaders of Asia, MSU-IIT Chancellor, Alizedney Ditucalan, or ChanZed as he is known on campus, spoke at the Times Higher Education (THE) Summit held at the Henry Cheng International Conference Centre of The Chinese University of Hong Kong on June 21-23, 2023.

ChanZed discussed the untapped potential of industry micro-credentials and blended learning. His talk aims to shed light on how these educational tools can significantly enhance skills mastery and create meaningful connections between graduates

and employment opportunities in Asia's thriving digital economy.

The session was inspired by the Future of Jobs Report 2023 of the World Economic Forum which predicted that by 2027, 83 million existing jobs will be displaced as 69 million new jobs will be created due to technology advancement, digital transformation, and artificial intelligence. It was also anchored on the premise that Asia's digital economy is on the rise and thus, there is a growing concern on the readiness of students to join the industry considering the skills gaps. The potential of micro-credentials to address this issue was explored. Specifically, the conversation delved into how micro-credentials provide students a competitive advantage; how it can improve student employability; and how blended learning can enable the digital upskilling of students.

"I think that academe - industry is the future of education," ChanZed said. He further added that while integrating micro-credentialing in the curriculum will make academic programs more responsive, the concern on retooling and upskilling should not only be for the students but for the faculty members as well.

When asked about micro-credentialing to potentially further widen the divide between the "haves and the have-nots" particularly in less-developed and developing countries, he took a different perspective and shared, "I believe that micro-credentialing could be a solution in addressing the skills gaps in less-developed and developing countries."

Other members of the panel include Eklavya Bhave, Regional Director (APAC and Japan), Coursera; Kaywalee Chatdarong, Vice-President, Chulalongkorn University; and Hanif Mahadi, Director, Centre of Advanced Material and Energy Sciences, Universiti Brunei Darussalam. The panel discussion was moderated by Phil Baty, Chief Global Affairs Officer, THE.



A Heart for the Community

A photograph showing a person from the side, wearing a blue shirt with a red and yellow emblem and a black face mask. They are holding a yellow pencil in their hand. In the background, a child's legs and feet are visible, suggesting a community engagement or outreach activity.

In 2023, MSU-IIT channeled its resources and energy towards strengthening its bonds with the community. Through a range of programs and projects, MSU-IIT demonstrated its commitment to directly benefit the people it serves.

Throughout the year, MSU-IIT dedicated itself to initiatives that address the needs and concerns of the community. By prioritizing community engagement, the university demonstrated its genuine care and concern for the well-being of those it serves. From educational programs to social outreach projects, MSU-IIT worked diligently to ensure a positive and lasting impact on the lives of its community members.

In this section, read the stories of collaboration and empowerment as MSU-IIT forged strong partnerships with local organizations and community leaders. By leveraging its expertise and resources, the university strategically implemented programs that addressed pressing issues and provided tangible solutions.

Through its proactive approach, MSU-IIT exemplifies what it means to have a heart for the community. By actively listening to the needs of the people and working hand-in-hand with them, the university has become an integral part of the community fabric. This section features the transformative power of MSU-IIT's initiatives, showcasing how the University's commitment to community engagement continues to make a meaningful difference in the lives of those it serves.



My.eskwela Launches Four New Apps to Public Schools

Mar 08 2023



The DOST-X funded my.eskwela project that ran from January 2022 to February 2023 released four (4) new applications tailored for use by public schools under the Department of Education, Iligan City.

The launch that was held last March 3, 2023 made available the following apps: Real-Time Messaging System, SMS Server, Desktop Application, and Student Mobile App.

Real-Time Messaging System

The real-time messaging system is a newly integrated app in my.eskwela that allows for posts to be viewed when they are ready. Think of it as notifications that pops-up in your browser after a user you have connected to posts an update in their feed.

SMS Server

The SMS Server is an app installed on a single mobile phone enabling the schools to reach out to those users who do not have touchscreen phones. This app tries to close the gap between touchscreen phone users and non-touchscreen phone users, thus, increasing its inclusivity of all users no matter the technology that is available to them.

Desktop Application

The Desktop Application tries to help teachers in times of internet connectivity crisis. The app enabled working features even without an internet connection. This way, teachers can continue using the application even if there is no internet and be assured that their interactions will be uploaded to the cloud once

the internet is present.

Student Mobile App

The student mobile can be installed on Android devices allowing the students to view grades and participate in the online class without going through the web browser. The new application can save the students time in accessing my.eskwela compared to always waiting for the entire web page to load on the traditional web browser.

The app launching was participated in by three Department of Education Schools: North Central School, represented by Felixberto D. Yu Tiamco; Tambo Central School represented by Devorah Grace C. Garguena; and Iligan City National School of Fisheries represented by Alecia C. Diaz.

The my.eskwela is developed by a team of experts led by Orven E. Llantos, PhD, Project Leader; Rafael Tibudan, Computer Programmer of the Desktop App and Student Mobile App; Mark Joshua Omandam, Computer Programmer of Real Time System and SMS Server.

Its team of researchers are Andrei L. Tan, Eden Rose F. Risma, Kiara D. Salera, Richard I. Magsalay, Jr., Helmar R. Israel, James Patrick Ryan A. Pasaforte, Francis R. Vale, Patricia Ysable Valledor, Felormae M. Anhaw, Allana Karina Clerigo, Charlmagne Yancha, Mark Glenn M. Gabuya, Dan Marl N. Cadiz, Edejed Paculba, Cyramae P. Mocorro, and Hans Dy Tuan.

The applications hope to provide better ICT service to the public.

-Contributed news

MSU-IIT's Department of English concludes successful teacher mentoring program on ICT and PBL for inclusive education

by Department of English, CASS | Mar 15 2023

The Department of English at MSU-IIT has achieved yet another significant milestone with the successful conclusion of its Extended Communicate in English with Us! (ComE with Us!): A Teacher Mentoring Program on the Use of ICT in Differentiated Instruction (DI) and Project-Based Learning (PBL) towards Inclusive Education. This training and mentoring program, which ran from March 3 to March 5, was a joint initiative of the

English Department in collaboration with the English Language Education Department of the Universitas Muhammadiyah Yogyakarta (UMY), Indonesia.

The program was designed to provide secondary English teachers from Tubaran National High School-Mandulog, Tubaran National High School-Lanipao Annex, and Ditucalan National High School with insights on curriculum and syllabus designing policies, innovative English language pedagogical practices, and effective classroom instruction techniques in the digital age. The program also aimed to prepare teachers to meet the evolving demands of 21st-century learning and foster inclusive education.

The Extended ComE with Us! initiative was an offshoot of the Communicate in English (ComE) with Us! program launched in UMY, Indonesia, in October 2022. The UMY team was led by Eko Purwanti, the Dean of the Faculty of Language Education, and supported by Puthut Ardianto, Endro Dwi Hatmanto, and Fitria Rahmawati. The MSU-IIT team, composed of teachers from the Department of English, was spearheaded by Merceditha Alicando, the Chair of the English Department, who served as the project leader. The team included Sittie Noffaiah B.Pasandalan, Irish Mae F. Dalona, Honeylet E. Dumoran, Nancy Q. Echavez, Josephine May Grace A. Famoso, Lynrose Jane D. Genon, Cecile Antonette O. Lim, and Onnah Pierre P. Talle.

The training and mentoring program was a resounding success and an ongoing extension project. The virtual Closing Ceremony and Reflection will be held on April 1, 2023. The Department of English at MSU-IIT hopes that the program's graduates will incorporate the newly acquired knowledge and skills into their teaching practices, thereby enhancing English language education in the Philippines.



Accountancy Department implements Phase 2 of the Tambayayong Extension Project

by Asst. Prof. Berlyn M. Teaño and Assoc. Prof. Jessa Mae S. Banse | Mar 24 2023

The Accountancy Department of the College of Economics, Business and Accountancy (CEBA), in partnership with the Department of Trade and Industry (DTI) Lanao del Norte, started implementing the Phase 2 of the university-approved extension project entitled "Tambayayong: T.A.F. (Taxation, Accounting and Finance) Capacity-Building for



RAPID Growth". This project aims to provide quality education through capacity building training, mentoring, and coaching to farmers and farmer organizations to encourage economic growth and eventually, generate decent work.

During the Phase 2 of the project, activities are more geared towards digitalization as beneficiaries are now exposed to accounting information systems which automates the processes introduced in the first phase. With the assistance of select BS Accountancy students, officers of the farmer organizations journalized their actual transactions and posted the same in the ledgers developed by the faculty members of the Department.

This extension program is divided into three phases. In 2021, the Department and DTI launched Phase 1 of the project.

Consequently, based on the results of the Training Needs Assessment survey conducted, training modules were developed and a series of training and workshops were conducted in 2022. Further, coaching and mentoring sessions were provided to the farmer organizations in Lanao del Norte. Beneficiaries received training and coaching in areas of accounting, taxation, and internal control.

Finally, the third phase will focus on the provision of an accounting information system that caters to the specific needs of the beneficiaries. With transactions being appropriately recorded and reports prepared, farming activities will now be more of an entrepreneurial endeavor rather than just a source of livelihood.

CEBA upskills LDN LGUs on CMCI portal navigation; launches simplified manual

by Jadel A. Dungog & Irah Marie A. Mananggit, CEBA | Mar 27 2023



The Department of Economics of MSU-IIT, in partnership with the Department of Trade and Industry - Lanao del Norte (DTI-LDN), organized a 3-day Cities and Municipalities Competitiveness Index (CMCI) Portal Walkthrough 2023 for the 23 LGUs (22 municipalities and Iligan City) of Lanao del Norte.

The event, held on March 9, 20, and 21, 2023, aimed to upskill the LGU CMCI focal persons on how to navigate the CMCI portal and identify the appropriate sources of information needed for the national survey.

The walkthrough involved resource persons Dr. Maria Rizalia Y. Teves and Asst. Prof. Charlyn M. Capulong from the Department of Economics, who shared their invaluable insights and expertise. The main agenda of the event was to register the LGU and its personnel through the CMCI portal, explain each indicator and sub-indicator for each of the five pillars of the index, and conduct an actual workshop on how to navigate the CMCI portal itself.

To further assist the LGUs of Lanao del Norte in complying with the annual CMCI survey, the Economics Department, led by Asst. Prof. Capulong, Prof. Teves, Asst. Prof. Martha Joy J. Abing, and Instr. Gerrich Aldin C. Babanto, launched "CMCI: A Simplified Guide for LGUs" as an instructional material. Student assistants in the department, including April Joy S. Sarañillo, Louise Joy S. De Los Reyes, Laurence Adrian S. Camayudo, and these writers, assisted in the formation and formatting of the manual.

The DTI supported the distribution of the manual through Ms. Florence C. Paler, Trade and Industry Development Specialist of DTI-Lanao del Norte. Asst. Prof. Capulong and Prof.

Teves handed out physical copies of the manual to the LGU focal persons during the event.

To ensure that all LGUs could be guided closely during the program of activities, the 23 LGUs were clustered into three separate groups, each with a day allotted for the walkthrough.

Fifteen LGU focal persons from eight LGUs (Kauswagan, Iligan, Linamon, Tagoloan, Pantar, Poona Piagapo, Munai, and Balo-i) attended the first day in Iligan City on March 9, while 16 LGU focal persons from nine LGUs (Tubod, Baroy, Magsaysay, Tangcal, Kolambugan, Matungao, Bacolod, SND, and Sapad) attended the second day in Baroy, and Lanao del Norte on March 20.

Finally, seven LGU focal persons from five LGUs (Kapatagan, Lala, Maigo, Salvador, and Nunungan) attended the last day of the portal walkthrough series in Lala, Lanao del Norte.

DPE conducts Wellness and Beauty Program for International Women's Month

by Johnlenon N. Aliser, CED-DPE | Mar 29 2023



In celebration of International Women's Month, the Department of Physical Education (DPE) of the College of Education successfully conducted the Wellness and Beauty Program for Women in the Workplace on March 23–24, 2023 at the IDS Multipurpose Hall.

The two-day program was one of the extension programs of DPE which aimed to promote positive behavior and improve productivity among women employees in the University.

The activity, which was attended by 200 students from different colleges of the university, consisted of a series of lectures from the head of the Office of Medical, Dental, and Health Services, Dr. Muhammad Puting, and nutritionist-dietician from the Adventist Medical Center-Iligan Ms. Mae Flor D. Cabahug, who both talked about the importance of pursuing wellness and maintaining good health.

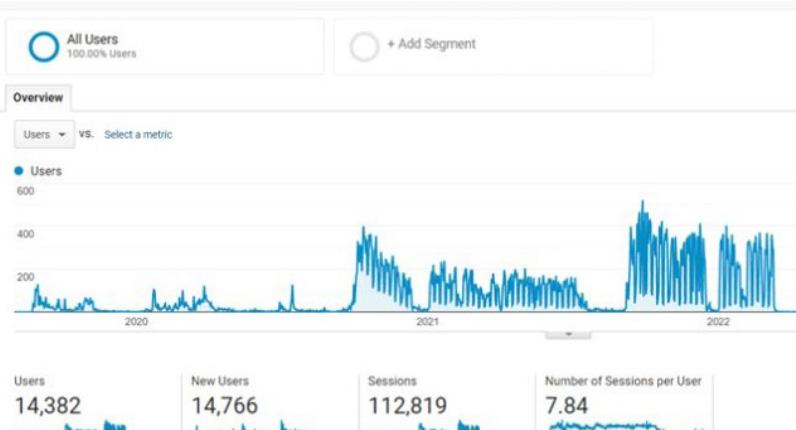
Part of the program was also the provision of complimentary manicure, pedicure, massage, and haircut services to employees.

The wellness and beauty program is chaired by DPE Chairperson Dr. Junah L. Nagba and is supported by the Gender and Development Center and the Office of Vice of the Chancellor for Research and Enterprise.

My.eskwela celebrates 12 years of service to the community

May 12 2023

The my.eskwela project of the Department of Computer Science of the College of Computer Studies of MSU-IIT will turn 12 years old on May 16, 2023, marking more than a decade of providing ICT solutions to modern day challenges experienced by public schools.



my.eskwela is a computer application that, among other things, provides direct, real-time access to a student's most relevant academic information through the web and through mobile-platform.

With my.eskwela, teachers, students, and even the parents themselves can easily monitor a student's grades and attendance in classes.

Originally developed to handle college classroom

management, it was then tailored to fit DepEd's K-12 curriculum because there was a need for public schools to automate their processes.

my.eskwela developer Assoc. Prof. Orven E. Llantos said the program would not have come this far without the community's support, especially the Department of Education in Iligan City.

"It was the year 2015 when my.eskwela started as an extension project at Tambo Central School, aiming to automate the encoding of grades and announcements into one platform. The feedback of the teachers, students, and parents alike grew the functionalities of my.eskwela following their needs and wants," Llantos said.

"As the years passed, the community that my.eskwela served grew from one school to another, including the Iligan City Division Office. Each Superintendent that passes through the office has their vision of what my.eskwela should be, and it was graciously delivered. Despite the skepticism of some that my.eskwela was just another research project and would soon fade away after the study period, my.eskwela stood the test of time and remains true to its promises of providing automated services to the community through the platform," Llantos said.

Pandemic

During the pandemic, my.eskwela enhanced its capabilities to answer the call for synchronous and asynchronous online classes.

"Modules were distributed, and grades were encoded so that the students and parents were kept away from the threat of COVID-19, as they only interacted online," Llantos said.

YT Video Testimonials: https://www.youtube.com/watch?v=PgRi0Omib_c

Today, Llantos reports that my.eskwela has been further enhanced to be able to better serve teachers so their work will not be interrupted even with intermittent internet connection.

Students were also provided with the mobile application so that they did not have to use mobile browsers every time they wanted to view announcements, grades, or simply if they just wanted to join their online classes, he added.

"Administrators were also empowered when monitoring teachers' compliance with reportorial requirements by including SMS reminders regarding deadlines for teachers," Llantos said.

Community-Driven Performance

Llantos also reported that from August 1, 2019, up to

April 30, 2023, Google Analytics reported 14,382 users with 14,766 new users from all over the world.

"This is a manifestation of the community's overwhelming support, Llantos said.

From the partnership came shareable research insights presented to 11 international conferences and two national conferences, of which seven research papers were published and indexed in Scopus (the gold standard for any publication assuring the quality of published papers).

Llantos thanks MSU-IIT, DOST-ERDT, and DOST-X Grants-in-Aid for their support that ensured the accessibility of my.eskwela all throughout the world.

"The my.eskwela programmers and researchers, old and new, also deserve to celebrate this momentous event because of their contributions. However, my.eskwela does not stop here," Llantos said.

"There are still concerns and needs to be addressed so we can serve the community better, especially the basic education sector: For it is in service that we exist, and it is in service we continue to enhance the my.eskwela platform of influencing the future," he added.



through a Memorandum of Agreement between MSU-IIT and Limonero Fruit Drink.

Under the guidance of Asst. Prof. Joel I. Miano, the project is led by a dedicated team of experts including Asst. Prof. Maria Fe P. Bahinting, Instr. Apple Rose B. Alce, Assoc. Prof. Lemuel Clark P. Velasco, Asst. Prof. Nerissa R. Adlaon, Asst. Prof. Stefany Mae V. Caparida, and Asst. Prof. Leah A. Alindayo. They are supported by the Innovation thru Leveraging Industry, Government, Academe Networks, and inclusive Community Engagement (ILIGANiCE) Program.

By the end of the academic year 2023, the team aims to deliver Alpha and Beta Testing, which will assess the effectiveness of the created database platform. Additionally, they plan to integrate an inventory monitoring management system into the actual deployment of the vending machines across schools, public areas, and commercial buildings.

As a result of their combined research and extension efforts, the team is eager to establish sustainable partnerships with industry stakeholders, leveraging the smart features of the vending machine to facilitate efficient data management and operations.

MSU-IIT begins automation of flood monitoring and warning system for Iligan's Sikyop Agri-Tourism Adventure

Jun 06 2023

The Department of Computer Applications in the College of Computer Studies (CCS) at Mindanao State University - Iligan Institute of Technology (MSU-IIT) has begun an extension project approved by the university that focuses on the implementation of an automated flood monitoring and warning



system for Iligan City's Sikyop Agri-Tourism Adventure. Special Order No. 01174-IIT, Series of 2023 has been issued to initiate this project.

The initiative is a collaborative effort between the Department of Computer Applications, the ILIGANiCE (Innovation through Leveraging Industry, Government, Academe Networks, and Inclusive Community Engagements) Program, the Sikyop Agriculture Cooperative, Iligan Tourism Office, and the Department of Information and Communication Technology. Over the course of one year, this public service project aims to accelerate the implementation of an automated flood monitoring and warning system to provide a safe environment for the underground river canyoneering tourists of the Sikyop River in Rogongon, Iligan City.

On February 10, 2023, the project leader, Asst. Prof. Maria Fe P. Bahinting, along with the CCS Extension Coordinator, Assoc. Prof. Lemuel Clark P. Velasco, and the ILIGANiCE team, convened with the officers of the Sikyop Agriculture Cooperative to discuss the project's concept,

gather feedback, and determine the project's requirements. Subsequently, on February 17, 2023, the team visited Sikyop Agriculture Adventure to assess potential issues that need to be considered during the design phase.

The project involves the development of a real-time monitoring system equipped with telemetry, which enables prompt response to flood incidents. Additionally, this system simplifies data collection and offers a more cost-effective approach.

By implementing this project, valuable information about the Sikyop River's status will be provided, delivering early warnings regarding the likelihood, timing, and severity of potential floods. Ultimately, this system has the potential to save lives and protect property.

MSU's IIT and Buug train trainers on Computer Programming for Young Learners

by Assoc. Prof. Rovy M. Banguis, Vice Chancellor for Research and Extension, MSU-Buug | Jun 12 2023

The WE CARE Office of the Mindanao State University-Iligan Institute of Technology headed by Dr. Rosario L. Reserva, Director of Extension conducted the two-day Teach.ICT: Training the Trainers Training on Computer Programming for Young Learners at the podium of Buug Municipal Hall, Buug, Zamboanga Sibugay last June 1-2, 2023.

A total of 20 select staff and students at Faith Academy of Buug (FAB) underwent the training on the Hour of CODE programming and MIT App Inventor. It was spearheaded by Assoc. Prof. Lemuel Clark P. Velasco and Asst. Prof. Paul Bokingkito, both faculty members from the MSU-IIT College of Computer



Studies. Others present were Engr. Dennis Tenerife, Mr. Dennis Lapong, Mr. Rico Tachado, Ms. Rochie Butron and Ms. Noemie Dondoyano, faculty members from MSU-Buug who served as facilitators of the training.

The said endeavor aims to augment the technical skills of the FAB staff to create more trainers and to instill in the minds of the student participants that learning can be fun and interesting via online learning platform.

One of the highlights of the training was the presentation of training plan development by the FAB staff for the forthcoming Summer Camp on Teach.Code which will take place sometime in July and August 2023. More importantly, it is expected that this endeavor will open more opportunities for FAB and MSU-Buug to collaborate with MSU-IIT.

Lastly, the awarding of certificates to the trainers, facilitators, and participants by FAB School administrator, Teacher Dinah Dee L. Ibanez concluded the two-day training. Indeed, keeping abreast with emerging online learning platforms is a leverage to an ever-changing global economy.



MSU-IIT WE CARE Office mentors MSU Buug Faculty

by Michelle Grace C. Lumotos, Secretary, OVCRE, MSU-Buug | Jun 21 2023

In response to the OneMSU agenda of the Mindanao State University System President, the WE CARE Office of the MSU-Iigan Institute of Technology (IIT) headed by Dr. Rosario Reserva mentored 70 faculty members of MSU-Buug last May 30-31, 2023.

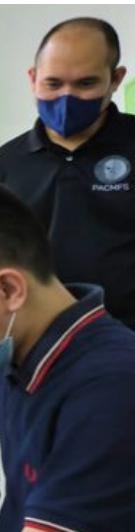
The two-day research and extension mentoring workshop took place at the Research Conference Hall of MSU-Buug in Buug, Zamboanga Sibugay.

Assoc. Prof. Lemuel Clark Velasco and Asst. Prof. Paul Bokingkito, Jr. from the MSU-IIT College of Computer Studies facilitated the research proposal and pitching sessions which produced three research proposals ready for external funding.

Dr. Reserva along with Ms. Naira Dipatuan from the WE CARE Office and Ms. Febe Macasero from the College of Science and Mathematics facilitated the extension proposal and pitching sessions which produced eight public service proposals developed by the faculty of MSU-Buug.

The event was able to share MSU-IIT's best practices in the achievement of the UN Sustainable Development Goals through its research and extension administrative processes. During the event's closing ceremonies, Dr. Rovy Banguis, the Vice Chancellor for Research and Extension of MSU-Buug expressed her deep gratitude for MSU-IIT's commitment in assisting the development of the culture of research and public service among other MSU campuses.





MSU-IIT, PACMFS and Puzzlebox conduct training on advanced digital techniques in reconstructing mandibular defects

by Lemuel Clark Velasco, CCS | Jul 04 2023

Last June 19-23, 2023, the MSU-IIT College of Computer Studies, in partnership with the Philippine Academy of Craniomaxillofacial Surgery (PACMFS) and Puzzlebox 3D Solutions, Inc., conducted a training on advanced virtual surgical planning techniques in reconstructing mandibular defects.

Attended by 43 residents and consultants in Otorhinolaryngology-Head and Neck Surgery, the five-day and five-batch training program which took place at the new Puzzlebox Office in Quezon City aims to introduce advanced virtual surgical planning technologies through digital reduction of fractures, virtual sculpture and filling of defects. Hands-on and individual exercises in the usage of 3D printing machines to develop 3D printed anatomical models was also conducted with a focus on its applicability for preoperative planning of mandibular defects.

Aside from being an activity of ILIGANiCE (Innovation thru Leveraging Industry, Government, Academe Networks and inclusive Community Engagements), this activity is part of MSU-IIT's extension project on the adoption of medical makerspace technologies for healthcare.

To date, the collaboration between MSU-IIT, PACMFS and Puzzlebox has already trained Ears, Nose and Throat-Head and Neck Surgeons from more than 20 medical centers including the Asian Hospital and Medical Center, East Avenue Medical Center, UP-Philippine General Hospital, St. Luke's Medical Center, University of Santo Tomas Hospital, Corazon Locsin Montelibano Memorial Regional Hospital, Ilocos Training and Regional Medical Center, Jose R. Reyes Memorial Medical Center, Jose B. Lingad Memorial General Hospital and the UERM Memorial Medical Center.

During the closing ceremonies, Dr. Jehan Grace Maglaya, the PACMFS Chair emphasized that the ultimate goal of these collaborative training programs is to enhance the expertise, delivery and quality of craniomaxillofacial surgery through the adoption of innovative technologies.

MSU-IIT conducts Medical and Optical Mission Day

by Dani G. Ortega, CHS | Jul 11 2023

MSU-IIT successfully conducted a free Medical and Optical Mission Day last July 5, 2023, as part of MSU-IIT's 55th Charter Day Celebration held at the University Gymnasium.

The one-day activity which was organized by the WE CARE Office, upon the recommendation of the Office of the Vice Chancellor for Public Affairs (OVCAP) was conducted in collaboration with the Office of Medical, Dental and Health Services (OMDHS) headed by Dr. Muhammad M. Putting, Chief Administrative Officer, and the College of Health Sciences (CHS) headed by Dean Abdullah Junior S. Mangarun, DScN, MAN, RN.

The Medical and Optical Mission was also conducted in partnership with the Integrated of the Philippines Association of Optometrists (IPAO)-Iligan Chapter, and the Local Government Unit of Iligan City (LGU-Iligan).

The one-day program which ran from 8:00 AM to 5:00 PM had a team of seven medical doctors and was intended for the benefit of MSU-IIT Constituents, retirees and partner barangays (Barangay Tibanga and Barangay Saray, Iligan City), and had a total of 297 in attendance.

WE CARE, headed by Director Rosario L. Reserva, PhD, regularly conducts humanitarian activities, projects/programs to deliver effective and responsive extension services to partner communities that will enable the community to improve their quality of lives, and contribute towards sustainable development.



MSU-IIT launches Smart Hydroponics Project

by WE CARE | Nov 15 2023

Mr. Zosimo B. Gomez, Principal of ICNHS; Dr. Rosario Reserva, Director of MSU-IIT's WE CARE Office; and mentors and alumni of the Maxtein Batch 1997.



MSU-Iligan Institute of Technology launched the Smart Hydroponics Project with a turnover, ribbon cutting, and first harvest ceremonies on September 25, 2023 at the Iligan City National High School. Dr. Jefferson A. Hora, a faculty member of the University's Department of Electronics Engineering and leader of Maxtein Batch 1997 of the Iligan City National High School (ICNHS) led the day's engagement.

The project, which had its groundbreaking ceremony on July 25, 2023, aims to promote sustainable agriculture practices that provide teachers and students with hands-on learning and research experience in hydroponic farming.

The smart hydroponics farming system at ICHNS is more than just a farming initiative of faculty members of MSU-IIT's College of Engineering (COE) who are alumni of Maxtein Batch '97 of ICNHS and officers of the Institute of Electronics and Communication Engineers of the Philippines-Iligan City Chapter. Smart hydroponics embodies the fusion of technology and nature. Through this innovative system, the team of Dr. Hora and Dr. Marven E. Jabian is cultivating not only lettuce or any other vegetable but also knowledge. It is also nurturing the minds of teachers and students at ICNHS.

Present at the ceremonies were Iligan City Mayor Frederick W. Siao, Dr. Jonathan S. Dela Peña, School Division Superintendent of the Iligan City Division; Mr. Rex Razo, Chief Education Supervisor;

CHS launches H.O.P.E. Program

by Dani G. Ortega, CHS | Nov 24 2023

MSU-Iligan Institute of Technology's College of Health Sciences (CHS), in cooperation with the Gender and Development (GAD) Center and Persons with Disability Affairs Office (PDAO) Iligan, recently launched the Hinabang, Opportunidad, Paglaum, Edukasyon (H.O.P.E.) Program on September 16, 2023 held at the MSU-IIT Gymnasium.

The one-day face-to-face event provided PWDs free medical check-ups and consultations offered by the City Health Office (CHO) Medical Officers, vital signs assessment by members of the CHS Executive Council Nursing students, free medicines, meals and refreshments, and tokens of 3 kilograms of rice for each participant.

Mr. Gerard Perry P. Nove, resource person, talked about PWDs' equal opportunities for employment and benefits under Republic Act No. 10524 and raised awareness on the possible skills training that PWDs can utilize from the H.O.P.E program.

Nove talked about how PWDs can avail of community-based training courses offered by the Technical Education and Skills Development Authority (TESDA) to help them overcome poverty, as well as relative information and strategies in overcoming life's challenges to help them improve their health, well-being, and social status.

CHS's Dr. Dr. Roselyn M. Butalid introduced the Resource Person.

The presentation of the certificates and tokens of appreciation and the closing remarks was given by CHS' Assistant Dean, Associate Prof. Art Brian Escabarte.



As gender plays a vital role in the experiences of both women and men with disabilities, the gender-oriented program aimed to promote the core values of gender equality and was conceptualized based on the findings of an internally funded research entitled, "Needs Assessment of People with Disabilities: Basis for Designing a Sustainable Community Outreach Program."

The successful launch that attracted a good number of attendees from the local PWD community provided opportunities for PWDs' socialization, the showcasing of their talents and skills in singing, with a dance number presented by students from the School of the Deaf in Iligan.

The activity was also attended by CHS Faculty members, CHS Executive Council Nursing students, and representatives from GAD and PDAO Iligan.

The activity started with an invocation led by CHS' Dr. Dr. Minnie B. Mamaug, which was then followed by the singing of the Philippine National Anthem led by CHS' Asst. Prof. Johanna Jiel Padogdog. H.O.P.E. program Chairperson CHS' Assoc. Prof. Gloria Shiela E. Coyoca then gave the opening remarks and was followed by an inspirational message from Iligan City Councilor Atty. Marlene L. Young.

NSTP-CWTS plants 8,000 mangrove propagules at Bayug Island for National Environmental Awareness Month

Dec 12 2023

In a remarkable display of environmental commitment, the National Service Training Program - Civic Welfare Training Service (NSTP-CWTS) spearheaded a mangrove planting and coastal clean-up activity at Bayug Island, Brgy. Hinaplanon, Iligan City on November 19, 2023. The event entitled, "Kababaihan, Katilingban ug Kinaiyahan: Mangrove Planting and Coastal Clean-up," marked the celebration of National Environmental Awareness Month.

Under the leadership of Mr. Jaypee S. Yongco and Sittie Akima Ali of the Environmental Cluster, students from the NSTP-CWTS & LTS actively participated in planting 8,000 mangrove propagules contributing to the preservation of the local ecosystem.

The primary goal of the initiative was to instill a sense of community service and social responsibility among the participants. Through hands-on activities like mangrove planting and coastal clean-up, the event aimed to foster an appreciation on the importance of protecting and preserving the environment.

This noble endeavor was made possible through a collaborative effort with various stakeholders, including the Local Government Unit of Barangay Hinaplanon, the Office of the National Service Training Program, the WE CARE Office, Gender & Development Center, and the Office of the Vice Chancellor for Public Affairs.

Kagawad Rio Gonzaga of Barangay Hinaplanon expressed his delight at the students' involvement in the activity.

"I am happy that students are involved in this activity, and I expect that there will be more of this activity in Bayug Island," Gonzaga stated.

Hayanna Balindong, a participating student, shared her perspective on the experience. She said that, "The activity was not only fun but also an eye-opener. I am glad that I had the opportunity to experience harvesting propagules and planting them, contributing to the restoration of our coastal ecosystem."

The successful event reflected the dedication of the NSTP in nurturing socially responsible and environmentally conscious citizens, leaving a positive impact on the community and promoting sustainable practices for the future.



WE CARE Office conducts writeshop for project proposal making for LGU Iligan constituents

by Almairah Usman, WECARE Office | Mar 26 2023



The WECARE Office of the University's Office of Vice Chancellor for Public Affairs conducted a two-day training session, entitled "Writeshop for Project Proposal Making", for the heads and selected staff members from the 10 offices of the Local Government Unit (LGU) of Iligan City. The training, held last February 17-18, 2023 at CASS, aimed to upskill LGU Iligan employees on writing/making project proposals.

The writeshop was facilitated by faculty members of MSU-IIT, including Dr. Nelia G. Balgoa, Dr. Mark Nolan P. Confessor, Dr. Irish Fernandez Dalona, Assoc. Prof. Sittie Noffaisah B. Pasandalan, Dr. Reynaldo M. Vequizo, and Dr. Rosario L. Reserva, the Director of Extension at WECARE Office. The training provided an opportunity for the attendees to learn about best practices in proposal writing, as well as tips on how to effectively communicate their ideas to potential funders.

In addition, a Memorandum of Understanding was signed during the event to strengthen the partnership between LGU Iligan and MSU-IIT in their commitment to carry out more community engagement projects. The signing ceremony was witnessed by Dr. Saddam C. Bazer of Save the Children, Dr. Darwin Manubag of LGU Iligan, and Vice Chancellor for Student Services Dr. Rohane M. Derogongan of MSU-IIT.

CEBA empowers women through handicraft skills training

by Abdullah R. Sirad | Aug 20 2023

The University's College of Economics, Business, and Accountancy (CEBA) achieved a significant milestone with the successful implementation of a "Handicraft Skills Training" on July 24-25, 2023 at Room 208 of MSU-IIT's College of Education (CED). This training marked the commencement of Module 1 under the university-approved extension project titled "Social Enterprise Development Project of CEBA," a pivotal component of the overarching program, "Digkilaan: A Community-Based Development."

Focusing on empowering local women from Barangay Digkilaan, Iligan City, the two-day training was attended by 14 women who sought to enhance their skills and create sustainable income streams for themselves and their community. The project leader, Asst. Prof. Shiny Rose S. Narit, expressed her dedication to designing a more innovative and viable project that enables women to upskill and establish their independent sources of income.

The training enlisted the expertise of esteemed faculty members from the Department of Technology Teacher Education (DTTE) of CED led by Asst. Prof. Kayce Maye Michelle D. Casas and assisted by Ms. Aisah O. Manan, who served as trainers for the 2-day Handicraft Skills Training. Their commitment and proficiency ensured that the participants received top-notch instruction and guidance. The training primarily focused on teaching the beneficiaries the basics of crochet and macramé.

Supporting the training were students from Junior Entrepreneurship and Marketing Society (JEMS), Junior

Economics Society (JES), and Society of Hospitality and Tourism Management (SHTM) of the College of Economics, Business, and Accountancy (CEBA). Their valuable assistance further enriched the learning experience for all involved.

The initiative taken by CEBA showcased the university's commitment to fostering community-based development and empowering women through skills enhancement. By equipping these women with handicraft skills and business knowledge, the program opens doors to new opportunities and economic independence.

Three women beneficiaries shared their experiences about the training. All of them expressed happiness and gratitude for the opportunity to learn handicraft skills, particularly in crochet and macramé. One of the women stated, "Dako mi ug pasalamat sa IIT na nag gahin sila ug oras para matabangan mi na makahibalo ni-ining crochet ug macramé. Unta mapadayun namo ni among natun-an ug para makatudlo pud mi sa uban didto sa Digkilaan" (We are very thankful to IIT for allocating their time to help us learn crochet and macramé. We hope to continue practicing what we learned and to teach others in Digkilaan).

During his closing remarks, Assoc. Prof. Abdullah R. Sirad conveyed his gratitude to all those involved in making the training a resounding success and expressed hope that the newfound skills and knowledge will empower the participants to transform their lives positively. Along with Asst. Prof. Narit and Assoc. Prof. Sirad are their dedicated project members, including Assoc. Prof. Joana Marie C. Edera-Pujanes, Asst. Prof. Tressa Maye Pendang, Asst. Prof. Cheryl Encabo, Asst. Prof. Charlyn M. Capulong, and Training Assistant Damselle L. Quesada.



Here are some other extension activities that took place last year.
Visit <https://msuit.edu.ph/news/index.php> for the full articles.



MSU-IIT's WHWise and the GAD iBLEnDNICE 4WomEn Project Teams conduct Business Diagnostic and Ideation Sessions Part 2

by: Joshua Kenneth B. Jaro | Jan 26 2023

The WHWise and GAD iBLEnDNICE project teams from MSU-IIT recently conducted a Business Diagnostics and Ideation Sessions for the Talaandig Tribe in Bukidnon. Led by women, the goal of the activity was to assist the social enterprises of the tribe in understanding the concept of social enterprise and creating their own Business Model Canvas (BMC). Ms. Tala Bautista, Vice President of Coffee for Peace, presented the framework of BMC through the lens of Indigenous People (IP) and engaged

in productive conversations with the tribe members. The facilitators ensured that the BMCs took into consideration the tribe's identity and cultural beliefs.

During the workshop, five groups were formed based on the existing enterprises of the Talaandig Tribe, including rice, coffee, luya, corn wine, and arts. The project teams guided each group in crafting their BMCs, which were later presented and provided with feedback for improvements. The project teams plan to connect each group with potential mentors who can offer solutions to the concerns and problems identified in their BMCs. Notably, Datu Migketay Victorino "Datu Vic" L. Saway, the head of the Talaandig Tribe, and Bae Liza Saway, a respected Babaylan, were also present during the three-day event.



My.ICT project launched to empower youth through education and technology

by CCS | Mar 26 2023

The Mindanao State University - Iligan Institute of Technology (MSU-IIT) and The Bridge Student Center Inc. launched the My.ICT Project, a year-long training initiative aimed at empowering youth through education and technology. The project aims to bridge the gap between ICT skills and workforce demand, enabling participants to gain relevant skills for future employment and responsible ICT use. With the support of faculty members, the project facilitators discussed the importance of partnerships in achieving common goals and promoting equality. The success of the My.ICT Project not only benefits the participants but also contributes to the overall progress and development of the community, fostering inclusive growth.

MSU-IIT's Negosyo Center holds first-ever hybrid Negostorya

by Kara Cabañog and Gwenneth Sunio, CEBA | Mar 26 2023

The Negosyo Center at MSU-IIT, in partnership with CEBA and the Department of Trade and Industry - LDN, organized the inaugural hybrid webinar-workshop called "Negostorya: Usaping Negosyo sa Panahon ng Pagbabago" on March 15, 2023. This event aimed to support the growth of MSMEs in Iligan City and featured participation from BS Entrepreneurship students and local MSMEs. Throughout the months of March to May, the Negosyo Center will continue to host a series of webinar-workshops that focus on business planning, providing a platform for MSMES and aspiring entrepreneurs to gain knowledge and exchange ideas with industry experts and academics. The recent session centered around Social Media Marketing and Branding, with guest speakers highlighting the importance of utilizing social media features for business promotion and emphasizing the comprehensive identity of a brand beyond its design.



MSU-IIT commences extension project on Adoption of Medical Makerspace Technologies with Medical Institution Partners

Apr 16 2023

MSU-IIT initiated a year-long extension project on the adoption of medical makerspace technologies for healthcare. Led by Assoc. Prof. Lemuel Clark Velasco, the project aimed to accelerate the adoption of emerging medical makerspace technologies among health professionals. Training programs, technology apprenticeships, and shared service facility programs for medical makerspaces in medical institutions were part of the project. A partnership was established with the Zamboanga City Medical Center (ZCMC) through a Memorandum of Agreement. This collaboration focused on research, development, and innovation activities for a makerspace within the medical institution.



In addition, plans were formalized with the Philippine Academy of Craniomaxillofacial Surgery for an advanced additive manufacturing post-graduate course. These extension activities aimed to enhance the quality of healthcare through process innovation in surgery. The project also sought to educate and raise awareness among residents and physicians about the potential of 3D printing technology in surgical management, ultimately improving patient healthcare outcomes.



CCS and ILIGANiCE assist MSMEs in the Technology Adoption of Information Systems

by Lemuel Clark Velasco, CCS | Jul 16 2023

In line with MSU-IIT's commitment to inclusive innovation, the College of Computer Studies (CCS) and the ILIGANiCE Program provided assistance to 25 micro, small, and medium enterprises (MSMEs) in adopting information systems. These MSMEs encompassed various sectors, such as healthcare, retail, food processing, bakeshops, casual dining, tea houses, and cafes. Over the course of February to June 2023, BS Information Systems students played a vital role as remote technical support

and technology trainers for the Iligan-based MSMEs. They introduced a mobile-based information system to the businesses, offering automated features in expense tracking, ledgering, store management, accounting, point of sale, and inventory management. Additionally, the students acted as remote associates in information systems strategy, aligning the MSMEs' business strategies with their IT strategy through activities focused on business policy, IS plan development, IT change management, and technology adoption initiatives.

Through their community engagements and partnerships, CCS and the ILIGANiCE Program are actively promoting a knowledge-based and innovation-driven economy in Northern Mindanao. They work towards achieving this goal by fostering strong connections between the government, industry, and academic sectors while advancing science, technology, innovation, and entrepreneurship.



CCS and The Bridge Student Center Inc. trains Youth on Responsible Digital Citizenship

by Rose Yedda Atienza, Administrative Staff, The Bridge Student Center, Inc. | Jul 04 2023

The College of Computer Studies (CCS) successfully trained 20 youth beneficiaries of The Bridge Student Center, Inc. (TBSCI) on responsible digital citizenship as part of the MY.ICT Project. Led by Asst. Prof. Paul Bokingkito Jr., with the support of other extension project members, the training sessions covered topics such as hands-on computer programming and IT productivity tools, totaling almost 320 training hours.

In June 2023, a lecture on digital citizenship was conducted, highlighting the importance of managing one's online presence and promoting responsible online behavior.

The lecture emphasized digital civility and its implications for both online and offline interactions. It addressed the consequences of spreading misinformation and engaging in dishonest online behavior. Participants, including TBSCI youth beneficiaries and CCS student facilitators, shared their insights and reflected on their understanding of digital citizenship and responsible behavior in the digital world.

WE CARE launches Supplemental Review Class for Inclusive Education

by WE CARE | Nov 15 2023

The MSU-Iligan Institute of Technology, in collaboration with DepEd-Iligan, initiated a Supplemental Review Class for Inclusive Education targeting university-bound students and out-of-school youth in Iligan City. This project aimed to address the low passing rates of Iligan City high school students in the MSU System Admission and Scholarship Examination. The review classes began on November 11 and continued until December 16, 2023, with sessions taking place every Saturday.



This initiative, led by the MSU-IIT WE CARE Office and DepEd-Iligan, underscored the institution's commitment to providing accessible and high-quality education for the youth of Iligan City, ensuring their readiness for enrollment in any of the campuses within the Mindanao State University System. The classes focused on various subjects, including mathematics, science, language usage, and abstract reasoning. They were conducted simultaneously at multiple locations, namely the MSU-IIT Mini-Theatre, Tomas Cabili National High School, Dalipuga National High School, and Digkilaan National High School. Faculty members from MSU-IIT served as resource persons to deliver effective and quality education to the students. The launch of the Supplemental Review Class garnered enthusiastic participation from students, with a significant turnout observed during the review sessions.

University assessment reveals better performance of MSU-IIT in 2023

by Michelle Jeanne C. Caracut, OC | Dec 28 2023

Reports by the various offices of the Mindanao State University-Iligan Institute of Technology during its Year-End Assessment on December 6-8, 2023 held in Cagayan de Oro showed improvements in the performance of the university in 2023 in the areas of higher education, research and innovation, student support, public service, governance, infrastructure, and internationalization.

MSU-IIT maintained its high standard of performance in licensure examinations, with standout achievements in various engineering fields. The university was top performing school in Metallurgical Engineering (2nd), Mining Engineering (3rd), Civil Engineering (5th), and Chemical Engineering (5th) board exams. Moreover, several students secured top places in licensure exams, exemplifying the institution's dedication to academic excellence: Akira Tacmo Timtim, Yule Justin Paculba, and Chier Andriane Quelbio (Metallurgical Engineering); Jaime Lanto Umpa, Jr. (Master Electricians); and Shania Rose Losano (CPALE).



Surpassing expectations, MSU-IIT achieved accreditation from CHED and AACCUP for all its undergraduate programs and over half of its graduate programs in 2023, reinforcing its commitment to delivering quality education. The introduction of three new curricular programs and the revision of seven existing ones underscored the university's dedication to innovation and relevance in education.

This year, the university witnessed the promotion of 23 faculty members and the recruitment of 24 new members, contributing to the growth of the academic community. First semester of this year commenced with a robust enrollment of 12,829 students, underscoring the trust MSU-IIT enjoys among those seeking quality education.

Faculty members at MSU-IIT demonstrated a strong commitment to research, surpassing targets with the completion of 256 research outputs. 231 were published in Scopus-indexed journals, contributing significantly to the academic discourse. The achievements in research are detailed in a news report here.

During the year-end assessment, enhanced delivery of student services was also highlighted. Increased student activities, improved mental health support, and recognition for academic and co-curricular achievements demonstrated MSU-IIT's commitment to fostering a nurturing and inclusive campus atmosphere in 2023.

MSU-IIT also showcased its dedication to public service through various initiatives, including the creation of an IRR for endowment fund donations and active participation in extension projects. The University also saw an increase in the number of active partnerships with LGUs, industries, NGOs, NGAs, SMEs,

and other stakeholders as a result of extension activities.

The university's proactive approach to institutional management was evident in the approval of 55 proposals by the MSU-Board of Regents. The creation of five new policies, including Sustainability Policy and Equity, Diversity, and Inclusivity (EDI) Policy, reflects MSU-IIT's commitment to maintaining a progressive institutional framework.

Despite facing funding constraints, the completion of numerous infrastructure projects, including renovations, landscape improvements, and the Bahay Alumni building, illustrated MSU-IIT's commitment to providing a conducive learning environment for its employees, students, and alumni.

Significant strides in ICT have been made as well. Two out of 16 projects under the ISSP 2022-2024 have been partially implemented. Concurrently, various ICT initiatives were successfully undertaken in 2023, including hardware upgrades and acquisitions, in-house software application development, utilization of cloud services, and improvements in internet connectivity.

MSU-IIT continued its mission to lead Mindanao to the world by forging 58 MOUs/MOAs with international universities and organizations from Australia, Belgium, China, France, Germany, Indonesia, Japan, Malaysia, Spain, Taiwan, Thailand, Vietnam, Russian Federation, UK, and USA.

The university expanded its international collaborations by securing additional scholarship agreements with global universities and organizations, thereby enhancing students' access to quality education. The university also hosted international students, organized and conducted six international conferences, completed internationally-funded projects (BUKA, ANTENA, South Initiative), and established joint/dual degree programs with international partners.

"The achievements of MSU-IIT in 2023 reflect our unwavering commitment to excellence and innovation in education. We are not just influencing the future of our students; we are also contributing to the advancement of knowledge and the betterment of society," Chancellor Alizedney M. Ditucalan said happily.

"This is why MSU-IIT remains to be the preferred campus in the MSU system among students," he added.





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