

MS HORTICULTURE



List of Extension Projects

AACCUP Accreditation

September 9-11, 2026

AREA III. COMMUNITY SERVICE

The University aspires to maintain its excellence in Research, Development, and Extension (RDE) as a key facet of its mission. Through its RDE function, the University aims to lead in progressive research projects and innovations, addressing contemporary needs. This involves consistently being the pioneering source of technology and information geared towards poverty reduction, food security, and global competitiveness. Additionally, the University is committed to fostering cohesive and sustainable development among its diverse socio-cultural clienteles.

RDE initiatives are aligned with the University's vision, mission, and objectives, supporting national and regional development thrusts, as well as the United Nations Sustainable Development Goals (SDGs).

Dissemination of research and development outputs is essential through extension services. The University is actively developing, packaging, and extending relevant technologies and valuable information to its service areas, collaborating with various units within the institution. This commitment materializes through diverse approaches such as seminars, training, community engagements, and other outreach methods. Furthermore, as part of its information dissemination strategy, the University actively encourages the publication and patenting of research outputs, offering subsequent incentives to promote these efforts.

Guided by the principles outlined in the RDE Guidebook, the University Extension Services Office (ESO) anchors its projects and activities. The mandate of the Extension Services Office, as articulated in the Quality Policy Statement, places a strong emphasis

on facilitating the transfer of technology from research to the community for sustainable development. This mandate is in alignment with the ESO's mission, which is to facilitate the transfer of applicable technology packages and the dissemination of useful information generated, developed, and adopted by the University. The ultimate goal is to enhance development, accelerate growth in terms of per capita income, and improve the socio-economic well-being of the clientele, particularly the less fortunate and underprivileged populace in the University's service areas.

The ESO's facilitation function is in harmony with its goal of making the technical assets, capabilities, and expertise of USM available, where needed, useful, and relevant in its service areas. This commitment is realized through projects and activities implemented by various Colleges and Institutes of the University.

The ESO, operating through the University Research, Development, and Extension Committee (URDEC), secured funding for different project proposals, utilizing funds from 101 and 164. In 2020, we had 4 locally funded projects and 1 externally funded project, totaling ₱2,230,000. In 2021, there was a significant increase, with 20 projects (10 local, 6 with limited funding, and 4 externally funded), amounting to ₱7,460,277. In 2022, ₱9,310,428 worth of community engagement projects were approved, comprising 17 local projects and 6 externally funded projects.

In 2023, there are 24 projects and 1 outreach activity recorded. The breakdown includes 13 local projects, 2 GAD projects, and 9 externally funded projects, totaling approximately ₱5,436,450.

Approved Extension Projects encompasses services that include but may not be limited to training programs, technical assistance and advisory services,

communication/information services, community outreach activities and technology transfer and utilization. In 2024, University Extension Service Office funded a total of 15 integrated Extension programs, organized and supported consistent with its mandated and priority programs.

In 2025, the Extension Services Office received a budget of Php 2,184,000.00 from Fund 01 and Php 463,358.43 from Fund 05. These allocations are utilized mainly to ensure smooth office operations, project implementation and to pay for personnel services.

Table 1. List of Extension/Community Engagement Projects, 2021.

Program/ Project Title	Proponents	College	RDE Theme/s	Budget Allocation/ Fund Source
Health, Environment, Education, Agriculture, and Livelihood Skills (HEEALS) for Sustainable Development	Glyn G.Magbanua, Jerosé Molina, Moreno B. Java Jr., Faith P. Buned, Elizabeth Molina, Sedra A. Murray, Jacinta A. Pueyo, Monaira I. Sumael , Analyan A. Gonzales, Maribelle T. Piamonte, Hasim Iskak, Elizabeth Genotiva, Joel V. Misanes	CASS, ISPEAR, CED, CVM, CSM, GS, CA, CBDEM, CHEFS, IMEAS, CEIT, CTI	Good Health and Well-being (Nutrition, sports, physical education) Food Security and Poverty Reduction (Livelihood programs, capacity and capability building)	295,177.00 / Fund 164
Module Preparation, Production (Cacao Processing and Marketing)	Janice M. Bangoy, Ardniel A. Baladjay	ESO, RDO, CASS, ICTO ESO, RDO	Quality Learning, Skills Development, and Literacy (Innovative teaching strategies, adult education, alternative learning system,	593,100.00 / Fund 101

			Sustainable Entrepreneurship and Management (value adding, marketing) Innovation in Science, Engineering, and Technology	
Gender Roles in Cacao Production among Communities in North Cotabato	Janice M. Bangoy, Jasmin Pecho Ardniel A. Baladjay		Social Development, and Strong Institutions	
USM – CA Extension Services: Agrikonek Gamitang SocMed	Josephine R. Migalbin, Julius Jerome G. Ele, Tamie C. Solpot	CA	Innovation in Science, Engineering, and Technology (Communication and Technology) Food Security and Poverty Reduction (Capacity building, capability building)	12,000.00/Limited funding
USM – CA Ugnayan sa mga Magsasakang Moro at Katutubo	Josephine R. Migalbin, Geoffray R. Atok, Ardniel A. Baladjay, Jurhamid C. Imlan, Baser L. Mamalac, Tamie C. Solpot, Samsudin S. Panday, Jalaloden B. Marohom	CA, CBDEM	Food Security and Poverty Reduction (Halal food production, sustainable production, livelihood programs)	150,000.00/ Islamic Relief
TABLEA: Pangkabuhayan para sa Kotabatenong Pamayanan: Community-Based Tablea Production for Sustainable Livelihood in Cotabato	Ardniel A. Baladjay, Gwen Iris D. Empleo, Sheena B. Lucena, Janice M. Bangoy	CA, USMARD ESO	Food Security and Poverty Reduction (Sustainable production, livelihood programs)	3,000,000.00 DOST-PCAARRD

Implementation of Upgraded Consultancy Services and Technical Assistance for MSMEs through Consultancy for Agricultural Productivity Enhancement (CAPE) Program in Region 12	Ardniel A. Baladjay, Josephine R. Migalbin, Julius Jerome G. Ele, Lorelyn Joy N. Turnos-Milagrosa, Mark Al-Jamie J. Muttulani, Jurhamid C. Imlan, Mary Joy S. Canolas, Tamie C. Solpot, Geoffray R. Atok Sheena B. Lucena, Samsudin Panday, Adeflor G. Garcia, Purificacion O. Cahatian, Harem R. Roca	CA	Food Security and Poverty Reduction (Sustainable production, livelihood programs)	1,800,000.00 / DOST-XII
SOXAARDEC: Kaagapay ng Magsasaka sa Krisis at Kalamidad	Elizabeth Molina Ardniel A. Baladjay Siony S. Brunio	USM, SKSU,	Reduction (Sustainable production, livelihood programs)	700,000.00 / DOST-PCAARRD

Table 3. List of Extension/Community Engagement Projects, 2022

Title	Proponents	College	Budget Allocation/Fund Source
Development of Video Materials on organic Production of Indigenous Vegetables for Dissemination	Gelyn V. Amilbahar Josephine R. Migalbin Tamie C. Solpot	CA	100,000.00
Table: Pangkabuhayan Para sa Kotabatenong Pamayanan - A Community-Based Tablea Production for Sustainable Livelihood in Cotabato	Ardniel A. Baladjay Gwen Iris D. Empleo Janice M. Bangoy Sheena Lucena	CA	3,000,000.00 PCAARRD

Consultancy for Agricultural Productivity Enhancement (CAPE 2) Program	Francisco Gil N. Garcia Edward A. Barlaan, Mary Joy S. Cañolas	CA, CBDEM, CVM	1,800,000.00 DOST
Intergated Services for Enhanced Education (I-SEE): A Connectivity Resilience Project Amidst Covid-19 Pandemic	Janice Bangoy- Leader Mary Joy S. Canolas Ardniel A. Baladjay Genghis Khan P. Manero Juvelyn Gesulga, Alan Dado, Myrna R. Tan	CA ESO CASS	254,000.00
USM LIFER Project: USM & Ligawasan Marsh Fish & Meat-Based Enhanced Ready-to-Eat (RTE) Products	Pia Amabelle Flores- Mary Joy Canolas	CA	80,000.00
CacaoFutures: Production of Cacao Quality Planting Materials (QPM) and Tablea as Health Food for Community Dispersal to Alleviate COVID-19 Effects	Tamie C. Solpot Pamela Villanueva, Frederick John Navarro Ivy Mar Cabornida	CA CASS	600,000.00

Table 4. List of Extension/Community Engagement Projects, 2023

Project Title	Proponent/ Project Leader	College	Budget	Fund Source
Feeding and Tree planting Outreach Activity in Dangle, Nangaan, Kabacan, Cotabato	Monaira I. Sumael, Mark Al-Jamie J. Muttulani, Lorelyn Joy N. Turnos-Milagrosa, Mary Ann Rama	CA	Seeds, planting materials, some cash	Donations
CA-CaREs: “Capacity and Resiliency Enhancement for Agricultural Technologists	Noe S. Mamon, Julius Jerome G. Ele	CA	PhP 100,000	USM Fund 101

Table 5. List of Extension/Community Engagement Projects, 2024

Project Title	Proponent/ Project Leader	College	Budget	Fund Source
Tree Planting and Feeding Program	Monaira I. Sumael, Mark Al-Jamie J. Muttulani, Mary Ann Rama	CA	Some seeds and food for feeding	Donations
“Grass into Gains: Promoting Silage Production for Livelihood and Livestock Development	Josephine R. Mlgalbin and Animal Science Graduate Students	CA	50,000.00	AS Graduate Students, Beneficiaries, FAO-UN, DA

Table 6. List of Extension/Community Engagement Projects, 2025.

Project Title	Proponent/ Project Leader	College	Budget	Fund Source
Plant to Learn: Establishment of Vegetable, Herbs,Spices, and Medicinal Plants; and Forage Garden at Nangaan HighScool, Old Kaabacan, SGA BARMM	Monaira I. Sumael, Mark Al-Jamie J. Muttulani, Mary Ann Rama	CA	P50, 000	Fund 101 and SOXAARRDEC for planting materials
Ingat Hayop	Julius Jerome G. Ele	CA		SOXAARRDEC
UNIK 2025: The Kasunayan Program Project 4 Component 3: Advancing Sustainable Agricultural Practices in Urban Spaces	Joan P. Sadoral, Geoffray R. Atok	CA	PhP 360,000	USM