

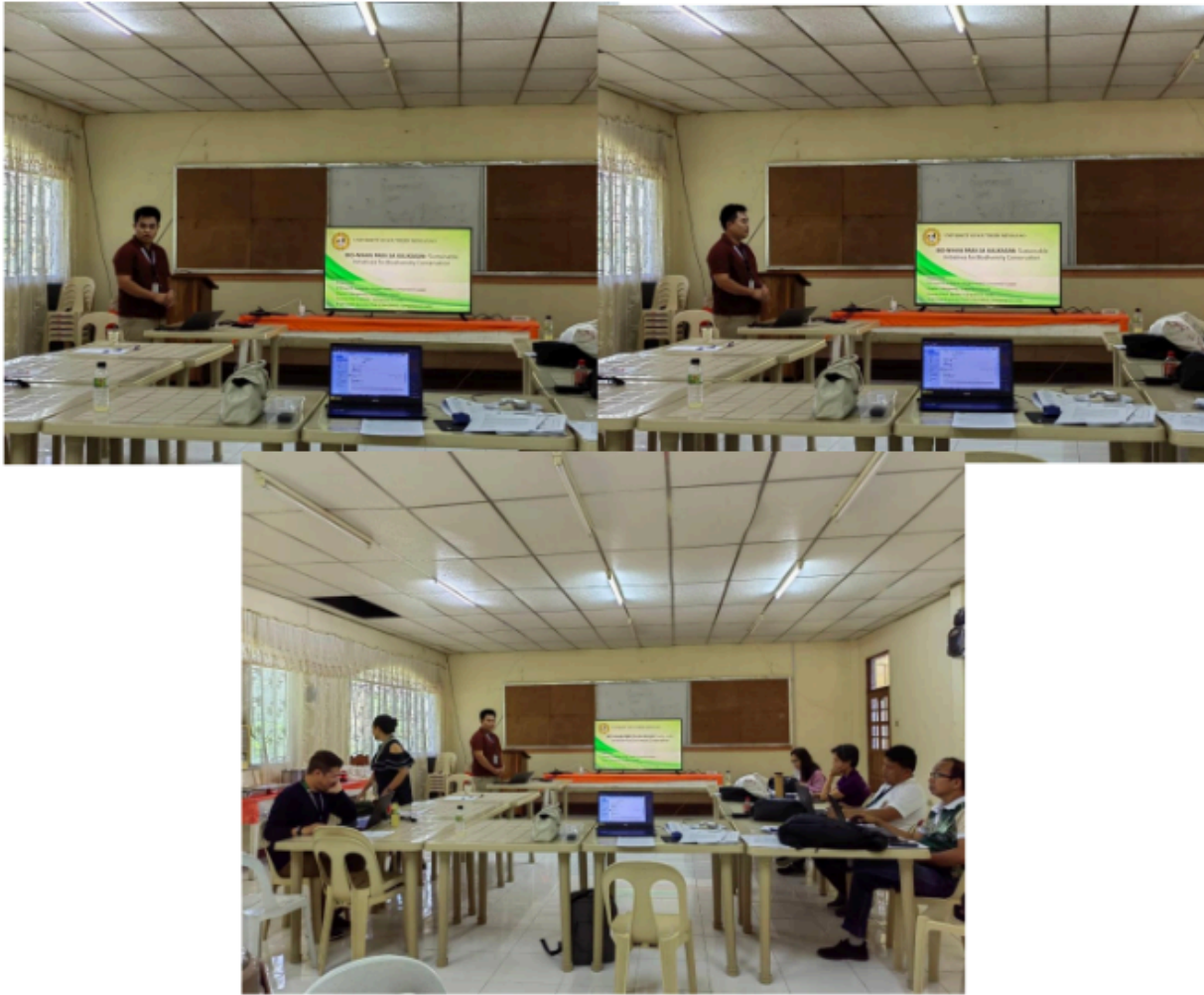
GRADUATE SCHOOL



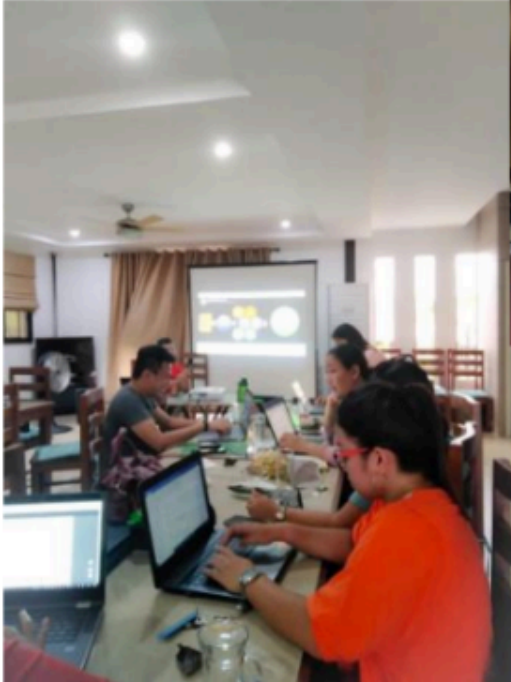
I.2. The administration, faculty and students are involved in the implementation and dissemination of extension programs.

Master of Science in Animal Science

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Defense of an Extension Proposal to the University Research and Extension Council (URDEC)



Presentation and critiquing of an Extension Program

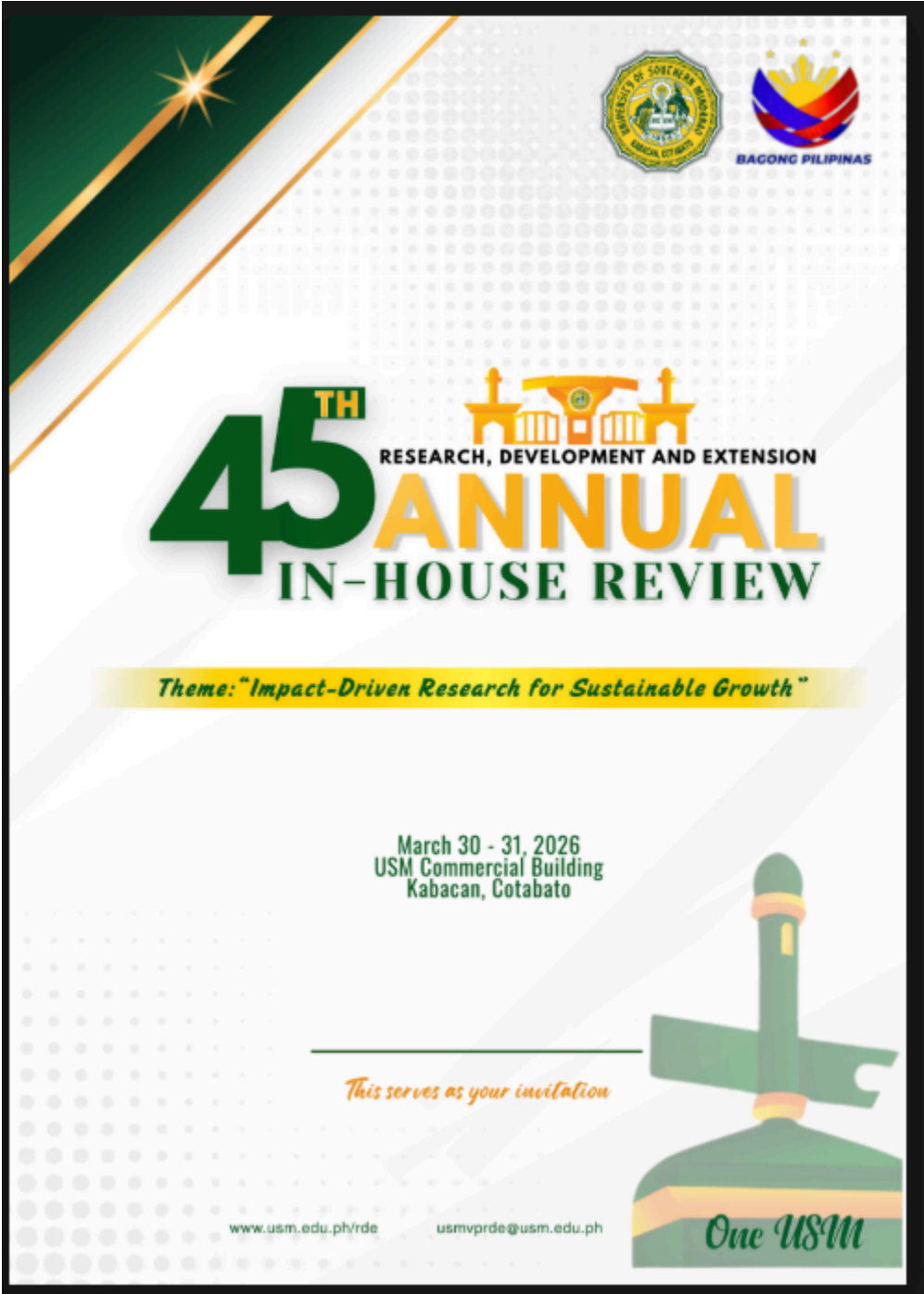


PhD and MS graduate students of the Department of Animal Science with their professor Dr. Josephine R. Migalbin (6th from left)



Participants of another training composed of representatives from farmers' association, LGUs and others with Dr. Migalbin at the middle.

Presentation of Extension Projects in an In-house Review of the University



GENERAL SCHEDULE OF ACTIVITY

March 30, 2026

8:00 AM - 8:30 AM

Registration

8:30 AM - 9:00 AM

Opening Program

9:00 AM - 12:00 PM

Paper Presentation

12:00 PM - 1:30 PM

Poster Viewing / Lunch

1:30 PM - 5:00 PM

Paper Presentation

March 31, 2026

8:30 AM - 9:00 AM

Registration

9:00 AM - 11:00 AM

Paper Presentation

11:00 AM - 12:00 PM

Closing Program



PANEL OF EVALUATORS

Development

DR. JOSH ELISHA R. OCTURA

DR. LORNA G. VALDEZ

DR. RUEL P. VILLANUEVA

Extension

DR. SAMSIA A. IBRAHIM

DR. MARCELINA O. BAHALLA

DR. JESSIE V. BELDIA



DAY 1

SCHEDULE OF PRESENTATIONS

March 30, 2026

TIME ALLOTMENT	BASIC RESEARCH	APPLIED RESEARCH	DEVELOPMENT	EXTENSION
AM Session	<i>Moderator:</i> JOELLE L. AGUIRRE	<i>Moderator:</i> VINUS P. JAVA	<i>Moderator:</i> APPLE R. URETA	<i>Moderator:</i> JOSEPH S. QUISADO
9:00 AM - 9:20 AM	101. BREADFRUIT MICROPROPAGATION: A Step Towards a More Sustainable and Resilient Food Security <i>Project Leader: Marry Grace S. Balbuena</i>	201. Plugging into Efficiency: Innovations in Soil Electrical Conductivity for Enriched Nutrient Availability and Crop Productivity <i>Project Leader: Rezin G. Cabantug</i>	301. Mobile App and Sensor Integration Development for NPK Levels Testing in Real-Time (MoNiTR) <i>Project Leader: Dhealyn Deese V. Sabit</i>	401. PLANT TO LEARN: Establishment of Vegetables, Herbs, Spices and Medicinal Plant; and Forage Garden at Nangaan High School <i>Project Leader: Monaira I. Sumael</i>
9:20 AM - 9:40 AM	102. A Multifaceted Approach on Diseases Associated with Dragon Fruit and its Control Measures under Kabacan Condition <i>Project Leader: Jasmin A. Pecho</i>	202. Modeling Afforestation Sites: A Decision Support Tool for Sustainable Land Management <i>Project Leader: John Aries G. Tabora</i>	302. Digital Streamlining of USM RDE Initiatives <i>Project Leader: Leizl G. Oria</i>	402. CBDEM - Delicacies: Capacity Building Demonstration and Enterprise Development of Maguindanao Delicacies <i>Project Leader: Analyn A. Gonzales</i>
9:40 AM - 10:00 AM	103. Seeds of Innovation: USM's Pursuit of Breakthrough in Cacao, Rubber, Corn, and Coffee Research <i>Project Leader: Jayson S. Baltazar</i>	203. GIS-Aided Assessment of the Pest, Disease, and Biochemical Status of the USM Agricultural Research and Development Center (USMARDC) of the existing Land Use Utilization and Future Management <i>Presenter: Rezin G. Cabantug</i>	303. Intelligent Feedback Management System for University of Southern Mindanao Service Personnel using Advanced Software Development Framework and Artificial Intelligence Technologies <i>Project Leader: Joseph C. Lorilla</i>	403. Community Action and Rural Bonding Services (CARBonS) Project: Advancing Sustainable Livelihood Through VCO and VCO-based Product <i>Project Leader: Marivic B. Candari</i>
10:00 AM - 10:30 AM	OPEN FORUM			
10:30 AM - 10:50 AM	104. Breeding and Yield Performance Trial of Herbicide Tolerant Multi-Cross Corn Hybrids <i>Project Leader: Jessie G. Elarde</i>	204. Molecular Diagnostics for Detection of Halal and Non-Halal Animal Species using Advanced Molecular Technologies <i>Project Leader: Edward A. Barlaan</i>	304. Project 1. Regional Intellectual Property and Technology Business Management (IPTBA) in SOCCSKSARGEN through the RAISE Program <i>Project Leader: Pia Amabelle M. Flores</i>	404. Student Registration Management and Library Services for Carmen High School: System Deployment and Resource Enhancement <i>Project Leader: Jassen Fe C. Calaaagan</i>

DAY 1

SCHEDULE OF PRESENTATIONS

March 30, 2026

TIME ALLOTMENT	BASIC RESEARCH	APPLIED RESEARCH	DEVELOPMENT	EXTENSION
10:50 AM - 11:10 AM	<p>105. Comprehensive Evaluation of Durian Clone Yields Pest Dynamics in the USM Clonal Garden</p> <p>Project Leader: Janice S. Bangoy</p>	<p>205. Enhancing Adlai Farming Techniques Through Precision Agriculture</p> <p>Project Leader: Shieryl P. Ortiza</p>	<p>305. Project 2: Establishment of Regional Agri-Business Hub (ABH) in SOCCSKSARGEN through the RAISE Program</p> <p>Project Leader: Ronald Z. Pascual</p>	<p>405. Strengthening Barangay High Schools: Validating and Implementing Representation Approach-Based Learning Materials for Independent Study of Mathematics in Remote Schools</p> <p>Project Leader: Leorenice C. Tandog</p>
11:10 AM - 11:30 AM	<p>106. Enhancing Hybridization and Evaluation of Popular Cultivar of Musang King and Black Thorn of Durian</p> <p>Project Leader: Sheena B. Lucena</p>	<p>206. Developing Soil Knowledge, Information and Capacity to Improve the Productivity and Sustainability of Key Cropping Systems in the Philippines</p> <p>Project Leader: Rezin G. Cabantug</p>	<p>306. Project 3A: Enhancement of the Agri-Aqua Technology Business Incubator (ATBI) in University of Southern Mindanao (USM) through the RAISE Program</p> <p>Project Leader: Pia Amabelle M. Flores</p>	<p>406. Harnessing Efforts for Recovery Operations (HERO) in Rebuilding of Manobo tribe in Bangolanon, Magpet, Cotabato</p> <p>Project Leader: Avegale S. Roy</p>
11:30 AM - 12:00 PM	OPEN FORUM			
12:00 PM - 1:30 PM	POSTER VIEWING			
PM Session	<p><i>Moderator:</i> JP E. FORTINEZ</p>	<p><i>Moderator:</i> FLUERMINA EULA C. USOP</p>	<p><i>Moderator:</i> NOR-AINE M. CORPUZ</p>	<p><i>Moderator:</i> SAIMA M. ANDIL</p>
1:30 PM - 1:50 PM	<p>107. Genome-Based Validation of Putative True Cacao Criollo Types and HYVs for Production of Authentic Quality Planting Material</p> <p>Project Leader: Edward A. Barlaan</p>	<p>207. Program: Hybridization of Rubber for the Development of High-Yielding and Disease-Resistant Clones (Year 2)</p> <p>Project Leader: Janice M. Bangoy</p>	<p>307. Project 4: Establishment of Regional Knowledge Management (KM) Hub in SOCCSKSARGEN through the RAISE Program</p> <p>Project Leader: Josephine R. Migalbin</p>	<p>407. Livelihood Enhancement for the Vulnerable Communities to Elevate Lives and Unlock Potentials (LEVEL UP) Phase I: The case of communities in Ligawasan Marsh, Cotabato Province</p> <p>Project Leader: Romiel John P. Basan</p>

DAY 1

SCHEDULE OF PRESENTATIONS

March 30, 2026

TIME ALLOTMENT	BASIC RESEARCH	APPLIED RESEARCH	DEVELOPMENT	EXTENSION
1:50 PM - 2:10 PM	<p>108. Sustainability and Opportunities of R&D Projects in USM</p> <p>Project Leader: Kharlo J. Subrio</p>	<p>208. Validation of Herbicide Tolerant Corn Line Through Molecular and Morphological Evaluation</p> <p>Project Leader: Marry Grace S. Balbuena</p>	<p>308. HEIRIT: Establishment of USMART Technology Business Incubator - A DOST Funded TBI (under the Higher Education Institution Readiness for Innovation and Technopreneurship Program)</p> <p>Project Leader: Jalaloden B. Marohom</p>	<p>408. Empowering Indigenous Voices: Building a Sustainable Community Through Local Initiatives</p> <p>Project Leader: Anamarie B. Uyungurin</p>
2:10 PM - 2:30 PM	<p>109. Survey and Distribution of Subterranean Termites in Selected Structural Facilities of the University of Southern Mindanao, with Implication for Education and Management</p> <p>Project Leader: Joseph S. Quisado</p>	<p>209. Phenotypic Diversity of Yield-Related Traits in Cacao (Theobroma cacao L.)</p> <p>Project Leader: Gwen Iris D. Empleo</p>	<p>309. USM Center for Flood/Landslide Preparedness and Mitigation</p> <p>Project Leader: Christopher A. Benito</p>	<p>409. Promoting Healthy Habits: Empowering the Community Through Health and Environment Initiatives</p> <p>Project Leader: Vinus P. Java</p>
2:30 PM - 3:00 PM	OPEN FORUM			
3:00 PM - 3:20 PM	<p>110. Innovative Graph Theoretical Models: From E-Torsion to Roman Domination and Function-Based Convexity</p> <p>Project Leader: Leonard M. Paleta</p>	<p>210. Project: Impact of USMs Pre-Storage Chemical Treatment on Corn Seed Storability and Germination</p> <p>Project Leader: Janice M. Bangoy</p>	<p>310. Smart Cacao Greenhouse for Production of Quality Planting Materials</p> <p>Project Leader: Renel M. Alucilja</p>	<p>410. Crafting the Future: Protecting Heritage by Promoting Locally-made Products</p> <p>Project Leader: Analyn A. Gonzales</p>
3:20 PM - 3:40 PM	<p>111. Tracer Study for 2020-2023 Graduates of USM</p> <p>Project Leader: Kharlo J. Subrio</p>	<p>211. Assessment and Preservation of Indigenous Fish and Crop Products (USM-Main)</p> <p>Project Leader: Lydia C. Pascual</p>	<p>311. Smart Agriculture in Cacao Budwood Nursery for Production of Quality Planting Materials</p> <p>Project Leader: Maricel G. Dayaday</p>	<p>411. Shaping a Sustainable Future: Exploring Local Resources to Fostering Community Sustainability Through Literacy and Education</p> <p>Project Leader: Ellen Joy M. Farala</p>

SCHEDULE OF PRESENTATIONS

DAY 1

March 30, 2026

TIME ALLOTMENT	BASIC RESEARCH	APPLIED RESEARCH	DEVELOPMENT	EXTENSION
3:40 PM - 4:00 PM	112. Syllabus OBEization: Analyzing General Education and Selected Major Course Syllabi with Insights from Established Frameworks to Refine Outcome-Based Syllabus at USM Project Leader: Rahima A. Cabunto	212. Assessment and Preservation of Indigenous Fish and Crop Products (USM-KCC) Project Leader: Ronielyn F. Pinsky		412. Effective Monitoring and Evaluation for Sustainable Extension Project Outcomes Project Leader: Glyn G. Magbanua
4:00 PM - 4:20 PM		213. AIIDE INITIATIVE - AI, Instructional Delivery, and Ethics: Harnessing the Power of AI for Educational Advancement Project Leader: John Aldrin I. Sanama		
4:20 PM - 5:00 PM	OPEN FORUM			

SCHEDULE OF PRESENTATIONS

DAY 2

March 31, 2026

TIME ALLOTMENT	BASIC RESEARCH	APPLIED RESEARCH	DEVELOPMENT	EXTENSION
AM Session	Moderator: ANAMARIE B. UYANGURIN	Moderator: JAN CLYDEN B. TENORIO		Moderator: ROWELL P. NITAFAN
9:00 AM - 9:20 AM	113. Impact Assessment of the Program on Advancing the Philippine Mango Through Production of Export Quality Mangoes Project Leader: Jennet R. Mag-aso	214. Yield and Quality Evaluation of Ten (10) Promising Cacao Varieties in Type II and Type III Agro-Climatic Zones in Northern and Southern Mindanao Project Leader: Ardniel A. Baladjay & Sheena B. Lucena		413. BatWISE: Empowering Local Government Units in Harnessing Insect Bat Ecosystem Services Towards Wildlife Conservation and Food Security Project Leader: John Aries G. Tabora
9:20 AM - 9:40 AM	114. Micro Matters: Assessing the Potential of Developing Micro-credential Certification Programs in the University of Southern Mindanao Project Leader: Romiel P. John Basan	215. Isolation of Lactic Acid Bacteria from Job's Tears (<i>Coix lacryma-jobi L</i>) and Two Forages and their Utilization as Inoculant in Silage Production for Halal Ruminant Feed Project Leader: Josephine R. Migalbin		414. Collaborative Networking and Engagement for Community Transformation (CONNECT) Project Leader: Ritchel O. Torres
9:40 AM - 10:00 AM	115. Assessment of the Existing Knowledge on Soil Health in Different Farming Systems for the Capacity Building Needs and Policy Support in the Philippines Project Leader: Janice M. Bangoy	216. Waste to Wealth: R&D Initiatives in Paper Recycling, Soap Making, and Microbiology for a Circular Economy Project Leader: Leizl Gray T. Oria		415. BIO-NIHAN PARA SA KALIKASAN: Sustainable Initiatives for Biodiversity Conservation Phase II Project Leader: Cherie C. Mangaang
10:00 AM - 10:30 AM	OPEN FORUM			
11:00 AM - 12:00 PM	CLOSING PROGRAM			

IEC Materials developed (under evaluation of extension and services offices)

