



Area 6, B.14 – Evidences of Outsourcing for Technical Assistance

A. Invitation Letter

<div style="display: inline-block; text-align: center;">UNIVERSITY OF SOUTHERN MINDANAO Kabacan, Philippines</div> <div style="float: right; text-align: center;"><div style="font-size: 8px;">Management System ISO 9001:2015 CERTIFIED BY ATTESTED</div></div> <div style="clear: both;"></div>
INVITATION LETTER

April 22, 2025

DR. IAN JUNE L. GARCES
Associate Professor, Department of Mathematics
Ateneo De Manila University
Loyola Heights, Metro Manila

Dear Dr. Ian June L. Garces,

Greetings!

On behalf of University of Southern Mindanao, we are pleased to extend our warm invitation to you as one of the speakers for our upcoming seminar-workshop titled: **"Empowering Educators: Crafting Learning Materials and Implementing Design-Based Action Research"**

The event will be held on May 30–31, 2025 at Graduate School, University of Southern Mindanao, Kabacan, Cotabato.

This event aims to bring together educators and researchers to strengthen their capabilities in developing instructional materials and conducting action research in real classroom settings.

This two-day seminar is designed to:

1. Equip participants with the skills to create instructional materials using multiple representations for better student engagement and learning outcomes;
2. Guide them in formulating meaningful and challenging mathematics problems that foster critical thinking; and
3. Assist them in identifying and refining relevant research questions for classroom-based inquiry.

We believe your expertise in Writing Good Math Problems would greatly inspire and benefit our participants. Your insights would be invaluable in enriching discussions and helping educators gain practical tools for enhancing their teaching practices. Should you accept this invitation, we would be happy to coordinate the details of your talk at your convenience. We can also provide any necessary support in terms of logistics or presentation needs.

Thank you for considering this invitation. We hope to have the privilege of welcoming you as one of our esteemed speakers.

Warm regards,

Benjamin Philip
Lester Pillo
2025.04.22
20:40:01 +08'00'

PHILIP LESTER P. BENJAMIN, PhD
Conference Chair
Email: plbenj@usm.edu.ph
Contact number: 09338245352



B. Program of Activities

**EMPOWERING EDUCATORS: CRAFTING
LEARNING MATERIALS AND
IMPLEMENTING DESIGN-BASED
ACTION RESEARCH**

Venue: Graduate School, University of Southern
Mindanao, Kabacan, Cotabato

Date: May 30-31, 2025

— This serves as an invitation —

OPENING PROGRAM

Invocation
Prayer
National Anthem
Bagong Pilipinas Hymn

Opening Remarks
Dr. Philip Lester P. Benjamin

Inspirational Message
Dr. Jonald L. Pimentel – SUC President IV

Overview of the Seminar Workshop
Dr. Leorenice C. Tandog

Entertainment Number
Giocil Albutra

DAY ONE

Opening Program

Lecture 1: Action Research
Ms. Aurea Puyos

Lecture 2: Writing Good Math Problems
Dr. Ian June L. Garces

Lecture 3: Development of Representation Approach
Dr. Debbie Marie B. Verzosa

Workshop
Paper Presentation:
Wrendell Juntilla
Cherrylee Buhay
Elaine Grace H. Adto

DAY TWO

Lecture 4: Design-Based Research
Dr. Leorenice C. Tandog
Prof. Anna Jean S. Garcia

Workshop
Group Presentation
Paper Presentation:
Apple Mae Valencia
Jeric Raquel
Bernadeth L. Bañados

Closing Program

Schedule of Activities

Time (Day/Time Duration)	Topic/Activity (Title of the Lecture/Discussion)	Speakers/Presentors/Personnel
May 30, 2025 (Friday)		
7:30 - 8:30 AM	Arrival/Settling In/Registration	Secretariat
8:30 - 9:00 AM	Opening Program Welcome Remarks Inspirational Message Overview of the Seminar Workshop	GS Students Dr. Philip Lester P. Benjamin Dr. Jonald L. Pimentel SUC President IV Dr. Leorenice C. Tandog
9:00 - 10:15 AM	Lecture 1: Action Research	Speaker: Ms. Aurea Puyos Senior Instructor, Notre Dame of Kidapawan College Moderator: Prof. Roel S. Valenton Associate Professor, USM
10:15 - 10:45 AM	Break	
10:45 - 12:00 PM	Lecture 2: Writing Good Math Problems (Online Mode)	Speaker: Dr. Ian June L. Garces Associate Professor, Ateneo de Manila Moderator: Prof. Rowel P. Madio Associate Professor, USM
12:00 - 1:00 PM	Lunch Break	
1:00 - 2:15 PM	Lecture 3: Development of Representation Approach - Learning Materials	Speaker: Dr. Debbie Marie B. Verzosa Professor, USM Moderator: Dr. Leonard M. Paleta Associate Professor, USM
2:15 - 2:30	Break	
2:30 - 3:40 PM	WORKSHOP	Facilitators: MST and PhD students
3:40 - 4:40 PM	Paper Presentation: ➤ Bridging Ethnomathematical Practices of Obo Manobo Tahiti Farmers and Mathematics Education (Phase 2): Designing Mathematical Problem and Exploring Teachers' Perception ➤ THE APPLICATION OF ENHANCED DAMATH IN LEARNING OPERATIONS ON INTEGERS AND DEVELOPING STRATEGIC THINKING ➤ The Effect of PowToon to the Proficiency Level in General Mathematics of Grade 11 Students in Bacongco National High School	Presentors: Wrendell Juntilla Cherrylee Buhay Elaine Grace H. Adto Moderator: Prof. Fitzme Ann D. Tamulak Instructor, USM

Time (Day/Time Duration)	Topic/Activity (Title of the Lecture/Discussion)	Speakers/Presentors/Personnel
May 31, 2025 (Saturday)		
8:00 - 8:15 AM	Arrival/Settling In	Secretariat Participants
8:15 - 8:30 AM	Recap of the Previous Day Activities	Participants
8:30 - 10:00 AM	Lecture 4: Design-Based Research	Speakers: Dr. Leorenice C. Tandog Professor, USM Prof. Anna Jean S. Garcia Associate Professor, USM Moderator: Prof. Sandra A. Nanding Instructor, USM
10:00 - 10:30	Break	
10:30 - 12:00 PM	WORKSHOP	Facilitators: MST and PhD students
12:00 - 1:00 PM	Lunch Break	
1:00 - 2:00 PM	Group Presentation & Feedbacking	Participants
2:00 - 2:15 PM	Break	
2:15 - 3:15 PM	Paper Presentation: ➤ The Role of Manipulatives and Low-Floor High-Ceiling Tasks on the Six Trigonometric ratios ➤ MATHEMATICAL CONCEPTS EMBEDDED IN THE SYMMETRIC PATTERNS OF MAGUINDANAOANS' WOVEN TEXTILES ➤ Automated Formative Feedback for Learning Statistics and Cultivating Growth Mindset among College Students	Presentors: Apple Mae Valencia Jeric Raquel Bernadeth L. Bañados Moderator: Dr. Paul John B. Ongcoy Associate Professor, USM
3:15 - 4:00 PM	Closing Program/Awarding of Certificates Evaluation of Speakers/Conference	Dr. Philip Lester P. Benjamin Secretariat

C. Photos

