Rhoderick Dargantes Malangsa, DIT
Assistant Professor
Research Interests: Machine Learning, Data Mining,
Information Technology Education

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Email Address	**:**	**Rhodmalangsa@slsuonline.edu.ph**
Home Address	**:**	**Conalum Inopacan, Leyte 6522**

Personal Particulars

Sex	**:**	**Male**
Age	**:**	**41 years old**
Date of Birth	**:**	**January 26, 1980**
Civil Status	**:**	**Single**
Nationality	**:**	**Filipino**

Certification:

Certified Microsoft Technology Associates – **MTA**

Certified Microsoft Office Specialist - **MOS**

Educational Attainment:

Doctor in Information Technology – March, 2017
Cebu Institute of Technology – University, Cebu City
>   Research areas:
>> Data Mining / Educational Data Mining
>> Fuzzy Logic
>> Machine Learning
>> Information Technology Education

Master of Science in Information Technology (MSIT) - March, 2012
Southern Leyte State University, Sogod So. Leyte

Master of Science in Teaching Computer Science (MST-CS) 27 units
University of Cebu, Cebu City

Bachelor of Science in Computer Science - April, 2004
 STI College, Ormoc City

>   Academic Awardee of Class 2004
>   Best in Programming Awardee of Class 2004
>   Student Leadership Awardee of Class 2004

Work Experiences:

1. **Director, External Linkages and Extension Services**
   (September 2019-Present)**, Southern Leyte State University**
   - **Focal Person, Conceive Design Implement Operate (CDIO) Framework**
   - **Risk Management Team (RMT) member.**

2. **College Dean, College of Computer Studies and Information Technology,**
   (July 2016 – September 2019)**, Southern Leyte State University**
   - **Chairperson, Institutional Sustainability Assessment** (September 2017 – present)
   - **Chairperson, Program Evaluation for COPC** (March 2017 – August 2019)
   - **Member, RQAT for Information Technology Education** (May 2015 – Present)

- **AACCUP Accreditor**

3.) Department Head, Information Technology Department
(June 2015- June 2016)**, Southern Leyte State University**

4.) Area Chairman, Bachelor of Science in Information Technology program
(June 2013 – May 2015), **Southern Leyte State University**

5. IT Instructor – (June 2007 – May 2009)
Franciscan College of the Immaculate Conception
College of Computer Studies

6. IT Instructor – (June 2006 – May 2007)
STI College, Ormoc City

Published and Conducted Researches:

1. **Analyzing the Accuracy of KNN-based Cacao Bean Grading System,** presented during the 11th International Conference on Humanoid, Nanotechnology, Information Technology, Communications and Control, Environment and Management last November 28 - December 1, 2019 in Laoag City, Ilocos Norte. Published in IEEE Xplore Digital Library and indexed in Scopus Database.

2. **Development of an Information and Queueing System in an OB-Gyne Clinic,** presented during the 11th International Conference on Humanoid, Nanotechnology, Information Technology, Communications and Control, Environment and Management last November 28 - December 1, 2019 in Laoag City, Ilocos Norte. Published in IEEE Xplore Digital Library and indexed in Scopus Database.

3. **Accuracy of Fuzzy Logic Based Contamination Grading for Abaca Tissue Culture**
Journal of Science, Engineering, and Technology
Southern Leyte State University

4. **Performance Comparison of Naïve Bayes and K-NN Classification Algorithms on Contamination Grading of Abaca Tissue (In vitro**)
International Journal of Conceptions on Computing and Information Technology

5. **Simulation Model for the Recognition of Human Emotions by Fuzzy Logic**
Journal of Science, Engineering, and Technology

6. **Simulation Model of the Code Red Worm on the Bandwidth Stability of Local Area Network**
Journal of Science, Engineering, and Technology

7. **Development of the Face Recognition Time Monitoring and Attendance System**
Journal of Science, Engineering, and Technology

8. **Performance Comparison of Decision Stump and J48 Classification Algorithm on the Programming Skill of IT Students.**
National Conference on Methodological Advances Proceedings
Journal of Science, Engineering, and Technology

10 **Machine Learning Based Centralized Database System for University Entrance Examination of Southern Leyte State University (On-going)**
Office of Research, Extension and Development
Southern Leyte State University

Research Presentations (2015 -2019):

1. **First VietPhil Research Forum**
December 5-6, 2019

Tra Vinh University, Vietnam

1. **International Conference on Advances on Science, Engineering and Technology**
    January 26-27, 2017
    Summit Circle Hotel
    Cebu City

2. **National Conference of Methodological Advances in Research (NCMAR 2016)**
    October 25-26, 2015
    Leyte Normal University
    Tacloban City

3. **Annual Regional Assembly and Information Technology Research Colloquium**
    June 27, 2016 at CTE Building, Leyte Normal University
    Tacloban City

4. **Fractals Research Presentation (Eastern Visayas Cluster)**
    May 24-25, 2016 at Plenary Hall
    Southern Leyte State University
    Sogod So. Leyte

Summits / Conventions Attended:

1. **CSP –ICE Information and Computing Education 2018**
    October 20-23, 218
    CIT – University, Cebu City

1. **National Conference of Information Technology Educators (NCITE 2017)**
    October 19-21, 2017
    Leyte Normal University
    Tacloban City

2. **National Conference of Information Technology Educators (NCITE 2016)**
    October 20-22, 2016
    DMC Foundation College
    Dipolog City, Zamboanga Del Norte

3. **18th PSITE National Convention**
    held on February 25-27, 2016 at Garden Royale Convention Center
    Bacolod City

4. **National Conference on Methodological Advances in Rsearch**
    held on October 21-23, 2015 at Leyte Normal University
    Tacloban City.

5. **2nd Leyte-Samar IT Summit 2013, "Excellence in Information Technology"**
    held on September 6, 2013 at Western Leyte College Gymnasium,
    Ormoc City.

6. **11th PSITE National Convention, "Emerging Trends ICT Education"**
    held on   February 20-22, 2008 at Zamboanga Del Norte Convention Center,
    Dipolog City

7. **10th PSITE National Convention, "PSITE@*10: Decade of Learning,
    Equipping, and Fostering"***
    held on February. 20-22, 2008 at Heritage Hotel,
    Pasay City

Seminars and Trainings:

1. **Cascading Workshop for Advancing CDIO Programme**
    March 26-29, 2019

Rizal Technological University , Mandaluyong City

2. **Educational Data Mining Workshop**
   May 30-June 2, 2018
   University of San Carlos, Cebu City

3. **Human Computer Interaction Seminar-Workshop**
   February 7-9, 2018
   Department of Computer Science and Technology
   Visayas State University, Baybay City

4. **Supervisory Development Course Track1 – Civil Service Commission**
   November 7-10, 2017 at Plenary Hall
   Southern Leyte State University

5. **Outcomes-Based Education (OBE) Assessment Training**
   September 14-15, 2017 at SLSU Covered Court
   DLSU / Southern Leyte State University
6. **Outcome –Based Education (OBE) Training**
   June 8-9, 2017 at Plenary Hall
   DLSU / Southern Leyte State University

7. **Preparing Cybersecurity Educators of Region VIII**
   September 3-4, 2016 at Mondejares Puertes Resort
   Calbayog City, Samar

8. **Regional Seminar Workshop on Research Upgrading and Performance Evaluation**
   November 9-10, 2015 at Leyte Park Hotel Tacloban City

9. **Intellectual Property (IP) Foundation Course for HEI Researchers**
   October 27-28 at Angeles University Foundation
   Angeles City

10. **Undergraduate Research and Capstone Project Advising**
    August 8, 2015 at University of San Jose-Recoletos
    Cebu City

11. **Seminar – Workshop on Student-Centered Instruction**
    July 15, 2015 at SLSU Main Campus

12. **DACUM Series 2 –Competency Based Teaching and Learning Workshop**
    May 24-25, 2015 at Plenary Hall
    Southern Leyte State University

13. **Seminar – Writeshop on Fractal Statistical Inference**
    January 19-21, 2015 at Alta Cebu Village Garden Resort
    Pilipog Cordova, Cebu

14. **Seminar – Writeshop on Fractals**
    November 5-7, 2014 at Alta Cebu Village Garden Resort
    Pilipog Cordova, Cebu

15. **Seminar – Writeshop on Data Mining and Theory Building**
    October 6-8, 2014 at Alta Cebu Village Garden Resort
    Pilipog Cordova, Cebu

16. **Seminar – Writeshop on Modelling and Simulation Models**
    September 10-12, 2014 at Alta Cebu Village Garden Resort
    Pilipog Cordova, Cebu

17. **Seminar-Writeshop on the Preparation of Scientific Articles for Peer-Reviewed   Journal**
August 13-15, 2014 at Alta Cebu Village Garden Resort,
Pilipog Cordova Cebu

18. **Seminar – Workshop on Multimedia Presentation using Photoshop**
August 6, 2014 at USSC Plenary Hall, Southern Leyte State University,
Sogod, Southern Leyte

19. **PLC and Electro Pneumatics Seminar- Workshop**
July 30, 2014 at USSC Plenary Hall, Southern Leyte State University
Sogod Southern Leyte

20. **Geographic Information Systems Technique and Preparation of GIS-Engaged Proposals**
May 21-25, 2014 at University Plenary Hall, Student Center, Southern Leyte State
University- Main Campus, Sogod, Southern Leyte

21. **ISO 9001: 2008 Quality Management Systems Awareness Seminar**
January 25, 2014 at SLSU – Main Campus, Sogod Southern Leyte

22. **Embedded System and Robotic Trainings**
December 21-22, 2013 at Southern Leyte State University, Sogod Campus

23. **Reinforcement Seminar-Workshop on Gender Sensitive Syllabus and Learning Evaluation**
June 5-6, 2013 at USSC Conference Room, SLSU Main Campus
Sogod, Southern Leyte

24. **Seminar – Workshop on Intellectual Property Policy & Patent Drafting** –
February 27-28, 2013 at Southern Leyte State University
Sogod, Southern Leyte

25. **Workshop for the Formulation of Harmonized MFOs and PIs** –
September 28, 2012 at SLSU Conference Room, SLSU Main Campus
Sogod, Southern Leyte

26. **Training Course on Technical Writing for Publication in Referred Journal and Oral/Poster Presentation**
September 25-27, 2012 at Southern Leyte State University
Sogod, Southern Leyte

Other Skills:

1. **Choreographer –**   Philippine Folk Dances
Dance Sport Coach
Festival Choreographer

2. **Creative Production Chair -**
Ms. SLSU Pageant Committee
Committee member: Mr. and Ms SCUAA 8

Affiliations:

➢ ***Vice President for External Affairs*:** Philippine Society of Information Technology Educator Region 8 (2019)

➢ ***President*:** Council of Deans for IT Education (CDITE -8) (2018-2019)

➢ ***Visayas Focal Person***: Computing Society of the Philippines – Information and Computing Education (ICE) special interest group

➢ *Member:* Brotherhood of Christian Businessman and Professional (BCBP)

➢ *Member*: Philippine Association of Institution for Research, Inc. (PAIR)

➢ *Member*: Philippine Association of Extension Program Implementors, Inc.

➢ *Member*: Computing Society of the Philippines