**APPLICATION FORM FOR COLLEGE/UNIVERSITY PROFESSORIAL CERTIFICATION**

EVALUATION ON PROFESSED FIELD

Instruction:

1. Fill in the *Application Form*. You may download this form here <https://tinyurl.com/freclassform>.
2. Provide the printed copy of the published research article.
3. For patent, attach the copy of the patent registration.
4. For creative works, attach the original work and/or other supporting documents related to the work.
5. For extension and production projects, attach the necessary original supporting documents.
6. Provide the Google link for all scanned original or certified true copy of evidences.

**Name of Candidate:** RENATO R. MAALIW III

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**Contact Details**

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**Email:** rmaaliw@slsu.edu.ph Fax: N/A

**Institution (Full name of SUC):** Southern Luzon State University

**ISS Rating:** 84

**Professed field of Specialization for Accreditation:** Machine Learning & Analytics

**Educational Qualification: (Baccalaureate or Post Baccalaureate Degree/Diploma Only)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Degree**  **(Spell out name of degree)** | **Institution** | **Year Graduated** | **Link to evidence** |
| Doctor in Information Technology (DIT) | AMA University | 2016 |  |
|  |  |  |  |

**Publications for the last five (5) years in an internationally-indexed journal**

|  |  |  |  |
| --- | --- | --- | --- |
| **Title** | **Journal Name and Date of Publication** | **Indexing Body** | **Link to evidence** |
| **AWFCNET: An Attention-Aware Deep Learning Network with Fusion Classifier for Breast Cancer Classification Using Enhanced Mammograms** | IEEE Xplore  July 13, 2023 | SCOPUS & WOS |  |
| Spatio-Temporal Attention-Based Real-Time Environmental Monitoring Systems for Land Deformation | Spatial Information Research  (Springer Nature)  July 2023 | SCOPUS & WOS |  |
| Identification of Coronary Artery Disease Using Extra Tree Classification | IEEE Xplore  June 1, 2023 | SCOPUS & WOS |  |
| Policy Conflict Detection Approach for Decision-Making in Intelligent Industrial Internet of Things | Computers & Electrical Engineering  (Elsevier)  May 1, 2023 | SCOPUS & WOS |  |
| **An Enhanced Segmentation and Deep Learning Architecture for Early Diabetic Retinopathy Detection** | IEEE Xplore  April 18, 2023 | SCOPUS & WOS |  |
| Scenario-Based Multi-Objective Location-Routing Model for Pre-Disaster Planning: A Philippine Case Study | Sustainability  (MDPI)  March 9, 2023 | SCOPUS & WOS |  |
| Sensing Functions of an Iron-Doped Boron Nitride Nanocone Towards Acetaminophen and Its Thio/Thiol Analogs: A DFT Outlook | Diamond & Related Materials  (Elsevier)  February 2023 | SCOPUS & WOS |  |
| Energy Efficient Indoor Localisation for Narrowband Internet of Things | CAAI Transactions on Intelligence Technology  (Wiley - Blackwell)  February 2023 | SCOPUS & WOS |  |
| **A Multistage Transfer Learning Approach for Acute Lymphoblastic Leukemia Classification** | IEEE Xplore  December 1, 2022 | SCOPUS & WOS |  |
| Barrier-Free Routes in a Geographic Information System for Mobility Impaired People | IEEE Xplore  December 1, 2022 | SCOPUS & WOS |  |
| **Cataract Detection and Grading Using Ensemble Neural Networks and Transfer Learning** | IEEE Xplore  November 22, 2022 | SCOPUS & WOS |  |
| Computer Vision-Based Signature Forgery Detection System Using Deep Learning: A Supervised Learning Approach | IEEE Xplore  August 30, 2022 | SCOPUS & WOS |  |
| Safety Gear Compliance Detection Using Data Augmentation-Assisted Transfer Learning in Construction Work Environment | IEEE Xplore  August 30, 2022 | SCOPUS & WOS |  |
| **A Deep Learning Approach for Automatic Scoliosis Cobb Angle Identification** | IEEE Xplore  July 13, 2022 | SCOPUS & WOS |  |
| **Clustering and Classification Models for Student's Grit Detection in E-Learning** | IEEE Xplore  July 13, 2022 | SCOPUS & WOS |  |
| **Employability Prediction of Engineering Graduates Using Ensemble Classification Modeling** | IEEE Xplore  March 4, 2022 | SCOPUS & WOS |  |
| **A Personalized Virtual Learning Environment Using Multiple Modeling Techniques** | IEEE Xplore  January 10, 2022 | SCOPUS & WOS |  |
| A Circuit Design of a Sensor Amplifier for Improving Blood Pressure Measurement in Telehealth System | IEEE Xplore  December 6, 2021 | SCOPUS & WOS |  |
| **An Ensemble Machine Learning Approach For Time Series Forecasting of COVID-19 Cases** | IEEE Xplore  December 6, 2021 | SCOPUS & WOS |  |
| **Time-Series Forecasting of COVID-19 Cases Using Stacked Long Short-Term Memory Networks** | IEEE Xplore  November 4, 2021 | SCOPUS & WOS |  |
| Utilization of Different Wireless Technologies' RSSI for Indoor Environment Classification using Support Vector Machine | IEEE Xplore  August 20, 2021 | SCOPUS & WOS |  |
| **Early Prediction of Electronics Engineering Licensure Examination Performance Using Random Forest** | IEEE Xplore  June 21, 2021 | SCOPUS & WOS |  |

**Patents**

|  |  |  |  |
| --- | --- | --- | --- |
| **Title** | **Patent No.** | **Date Issued** | **Link to evidence** |
|  |  |  |  |
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**Creative Works**

|  |  |  |
| --- | --- | --- |
| **Description/Title/Name** | **Date of Publication, Publisher and Other Details** | **Link to evidence** |
|  |  |  |
|  |  |  |

**Extension Projects**

|  |  |  |
| --- | --- | --- |
| **Title of Project** | **Significant Contribution** | **Link to evidence** |
|  |  |  |
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Additional Instruction on document preparation:

1. Prepare five (5) folders. The four (4) folders containing the photocopy of the evidences and one (1) folder containing the original copy or the certified true copy of evidences for listed qualifications/achievements on the *Application Form* for onsite validation*.* Properly label each section in each folder. The Professorial Candidate shall bring all 5 folders on the day of the Candidate’s interview.
2. Photo documentation maximum of 2 pages each.
3. Submit this accomplished form together with a Curriculum Vitae maximum of five (5) pages only.

This is to affirm that all the information provided in this document for the purpose of my application for the College/University Professorial Certification are all true and correct.

**RENATO R. MAALIW III**

Signature over printed name Date