

## ***Curriculum Vitae***

<b>Name:</b>	<b>VIRILIO P. SISON</b>		
<b>Faculty Rank:</b>	<b>Professor 8</b>		
<b>No. of years in service as faculty in UP:</b>	<u>29 years</u>		
<b>Highest degree:</b>	<u>Doctor of Philosophy</u> Degree	<u>Mathematics</u> Field	<u>Coding Theory</u> Specialization
<b>Most notable academic work:</b>			
Scholarly publications			
<ul style="list-style-type: none"> <li>➤ 11 articles in international journals and proceedings indexed by Web of Science or Scopus</li> <li>➤ 14 articles in international and national refereed journals and proceedings</li> <li>➤ 43 presentations in international and national conferences</li> <li>➤ 12 plenary lectures in research conferences and workshops on coding theory</li> <li>➤ 3 textbooks and manuals in calculus and computational mathematics</li> </ul>			
Curriculum development			
<ul style="list-style-type: none"> <li>➤ <i>Proponent</i>, institution of undergraduate courses - introduction to coding theory and cryptography, practicum in mathematics, and undergraduate thesis (2011, 2018)</li> <li>➤ <i>Co-Proponent</i>, revision of the BS Mathematics program (2018)</li> <li>➤ <i>Proponent</i>, institution of graduate courses - algebraic geometry, coding theory and cryptography (2011)</li> <li>➤ <i>Proponent</i>, revision of undergraduate courses - Euclidean and non-Euclidean geometry, projective geometry, and abstract algebra (2011)</li> <li>➤ <i>Proponent</i>, revision of the MS Mathematics program (2011)</li> <li>➤ <i>Proponent</i>, elevation of the Diploma in Science Teaching Program into the Diploma in Mathematics Teaching Program (1997)</li> </ul>			
<b>Important positions occupied in and outside UP:</b>			
<ul style="list-style-type: none"> <li>➤ <i>Member-at-Large</i>, UPLB Executive Committee (2014-2016, 2018-2020)</li> <li>➤ <i>Chair</i>, UPLB Ad-Hoc Committee to Draft the Guidelines for Faculty Mentoring (2019)</li> <li>➤ <i>Member</i>, Task Force on the Establishment of the UPLB Academic Assessment and Development Unit (2019)</li> <li>➤ <i>Member</i>, UPLB Committee to Review the External Examiner Process (2018-2019)</li> <li>➤ <i>Founder and Chair</i>, IMSP Coding Theory and Cryptography Research Cluster, (2005-2018)</li> </ul>			

- *Program Development Associate* to write the proposal for a dynamic and progressive faculty tenure system: standards, criteria and evaluation (OVPA, 2016)
- *Chair*, Faculty Conference Committee on Promotion and Tenure (UP System, 2012-2013)
- *Director*, Institute of Mathematical Sciences and Physics (2007-2013)
- *Chair*, Ad-Hoc Committee to Study the Possibility of Journal Publication and External Examiner in Graduate Thesis and Dissertation (2008-2010)
- *Founder and President*, Mathematical Society of the Philippines, Region IV-A Chapter (2010-2012)
- *Head*, Mathematics Division, IMSP, UPLB (1996-1998)
- *Affiliate Assistant Professor*, UP Open University (1996-1998)

### **Other important highlights:**

#### Policy papers

- Institutional Outcomes of UPLB (2019)
- External Review Process in Graduate Thesis and Dissertation (2009)
- Automatic Adjustment of Honorarium Rates for Overload Teaching and Summer Teaching in the University (1997)

#### Extension and public service

- *Resource Person* for online media company on the Covid-19 pandemic (2020)
- *Resource Person* in various training workshops and seminars (2005-2020)
- *Technical Reviewer* of mathematics papers submitted to international conferences (CHED, 2015-2016)
- *Resource Person*, Outcomes-based education (OVPPA, 2015)
- *Reviewer* of papers submitted to mathematical journals (2015-2019)
- *Technical Assessor* of undergraduate and graduate programs in mathematics (CHED, 2012-2013)
- *Content Evaluator* of mathematics textbooks and supplementary materials in public schools (DepEd, 2007-2010)
- *Editor* of 2 college textbooks in mathematics (2007-2010)

#### Fellowships and awards

- 7 International Publication Awards (2007-2020)
- 4 Professorial Chair Awards including the One UP Professorial Chair for Outstanding Teaching and Research in Mathematics (Coding Theory) (2016-2018 and 2019-2021)
- Inductee, Honor Society of Phi Kappa Phi (2005)
- UP Modernization - Doctoral Studies Grant, University of Nice Sophia Antipolis (2004-2005)
- CHED-IMSP Foreign Study Fellowship, Kyoto University (2001)