

# Memorandum of Understanding

Between

Saint Mary's University of  
Minnesota, USA

and

Vignan's Foundation for Science,  
Technology & Research University (VFSTRU),  
Guntur, Andhra Pradesh, India



Saint Mary's University of Minnesota (SMUMN), U.S.A. and Vignan's Foundation for Science, Technology and Research University (VFSRTU), Andhra Pradesh, India, to promote educational cooperation and in consideration of mutual benefits, have reached the following agreement:

**Section 1** Programs – Cooperation between SMUMN and VFSRTU will focus on areas of common interest, and will include, but not limited to, the following:

- 1.1 SMUMN and VFSRTU will explore a program of study for graduate students to study in the United States at Saint Mary's University of Minnesota's Winona campus to earn a Master of Science in Information Technology Management degree from SMUMN, following completion of one year of successful study at VFSRTU. Development of a program will include articulation of VU curriculum to SMUMN curriculum with the expectation of developing a 1 + 1 model.
- 1.2 SMUMN and VFSRTU will explore a program of study for undergraduate students from VU to study at Saint Mary's University of Minnesota's Winona campus for a study abroad experience of one or two semesters during the final year of their study.
- 1.3 SMUMN and VFSRTU will explore possible collaborations to support faculty-led short-term study abroad experiences in India.
- 1.4 SMUMN and VFSRTU will explore short-term collaborations for English as a Second Language preparation and short-term faculty development programming that would combine ESL and learning design and instructional technology.
- 1.5 SMUMN and VFSRTU will explore opportunities for faculty research and exchange.

## **Section 2** Considerations

- 2.1 SMUMN and VFSRTU agree to undertake a process of review to establish possible articulation of courses from VFSRTU programs to majors at SMUMN.



- 2.2 VFSRTU will provide SMUMN with official course syllabi in English, which include course descriptions, course contact and credits, course content and learning outcomes.
- 2.3 SMUMN will provide VFSRTU with official course syllabi in English, which include course descriptions, course contact and credits, course content and learning outcomes.
- 2.4 SMUMN and VFSRTU will provide contact information for the appropriate institutional representatives engaging in discussions based on the initiative being considered and area of responsibility or expertise.

### Section 3 Term, Revisions and Applicable Laws

- 3.1 This agreement shall be effective upon execution and shall continue for three years from the date of execution or until terminated by either party upon ninety (90) days written notice, with or without cause.
- 3.2 Amendments and/or revisions to the Agreement may be made in writing at any time by mutual consent of both parties. Such amendments and/or revisions signed by authorized representatives of both parties shall be prepared in the form of an Addendum to the Agreement. The parties shall work cooperatively to review annually, and to update each year as appropriate, specific items or procedures included in this agreement. All changes made to this agreement will become effective on July 1<sup>st</sup> 2016 following the date of the addendum, unless specified otherwise.
- 3.3 Realization of any specific projects initiated within this agreement will be stipulated in separate specific agreements.
- 3.4 Each party shall hold all documents, business strategies, tactics, notes, discussions, contracts, and agreements provided by the other in strict confidence.

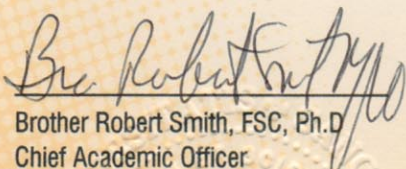
Executed as of the 12<sup>th</sup> July 2016

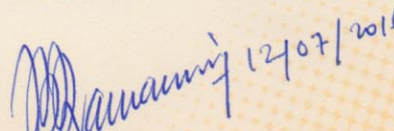
For Saint Mary's University of Minnesota

For Vignan's Foundation for Science  
Technology and Research University

Signature with date

Signature with date

  
Brother Robert Smith, FSC, Ph.D.  
Chief Academic Officer

  
Dr. B. RAMAMOORTHY BALAKRISHNAN Ph.D  
Rector, VFSTRU





## Articulation Agreement

### Master of Science in Computer Science related programs coursework at Vignan's Foundation of Science Technology & Research University to the Master of Science in Information Technology Management (ITM) at Saint Mary's University of Minnesota

This document serves as an addendum to the Memorandum of Understanding between Saint Mary's University of Minnesota and Vignan's Foundation for Science, Technology and Research University, dated July 11, 2016. This articulation is intended to facilitate student transfer into the M.S. in Information Technology Management offered by Saint Mary's University of Minnesota.

The following articulation was completed by Mr. Bill Johnson, Program Director of the Master of Science in Information Technology Management, in conjunction with and approved by Dr. Tom Marpe, Dean of Business and Technology at Saint Mary's University of Minnesota.

Saint Mary's University of MN Courses	Credits	Vignan University Courses	Credits
ITM605: Business Intelligence for IT Professional	3	CS502: Data Warehousing and Mining Or CS621: Data Structures and Algorithms or CS606: Big Data Analytics	4  4 4
ITM606: Business Driven Information Technology	3	CS671: Web Technologies and E-Governance Or CS633: Distributed Computing	4  4
ITM607: Enterprise Architecture for Managers	3	CS601: Advanced Database Management Systems Or CS507: Advanced Computer Architecture Or CS629: Advanced Computer Networks	4  4 4
ITM608: Technology Portfolio Management	3	None	
ITM609: Strategic Planning for Technologist	3	CS629: Advanced Computer Networks	4
ITM611: Academic and Technical Communications	3	None	
ITM615: Managing Technology Teams	3	None	
ITM631: Enterprise Security for Managers	3	CS504: Network Security and	4



		Cryptography Or CS626: Cloud Computing Or CS628: Web Applications Security Or CS668 Cryptography and Network Security Or CS672 Design of Secure Protocols	4  4  4  4
ITM635: Emerging Technology Seminar	3	None	
ITM643: Technology Leadership and Communication Approaches	3	None	
ITM675: Society, Ethics, and Technology	3	None	
ITM689: Capstone	3	None	
Total credits	36		

This articulation will be in effect from July 12, 2016 to July 12, 2019, will be reviewed annually, and may be terminated with six (6) months written notice, with the expectation that all current students be given reasonable opportunity to complete the program.

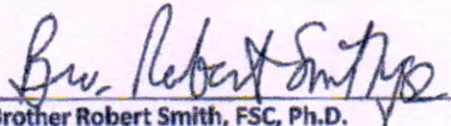
Students must meet all admission standards for Saint Mary's University of Minnesota for the articulation to apply, including all language requirements.

In order for courses to transfer to Saint Mary's ITM program, the grade earned must be a B (or its equivalent) or higher. Students must provide an official Vignan University transcript in English.

This articulation requires that the student successfully complete a minimum of 21 credits in the ITM program at Saint Mary's University of Minnesota to earn the degree.

Executed as of July 15, 2016

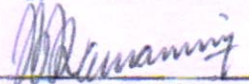
For Saint Mary's University of Minnesota

  
 Brother Robert Smith, FSC, Ph.D.  
 Chief Academic Officer

Date

7-15-16

For Vignan's Foundation of Science  
 Technology & Research University

  
 Dr. Ramamoorthy Balakrishnan, Ph.D.  
 Rector

Date

15th July 2016