AMERICAN INTERNATIONAL UNIVERSITY- BANGLADESH
Laboratory Report

Report Title:	Study of Digital to Analog Conversion (QAM) using Simulink		
Lab Report No:	08	**Date of Submission:**	04-08-22
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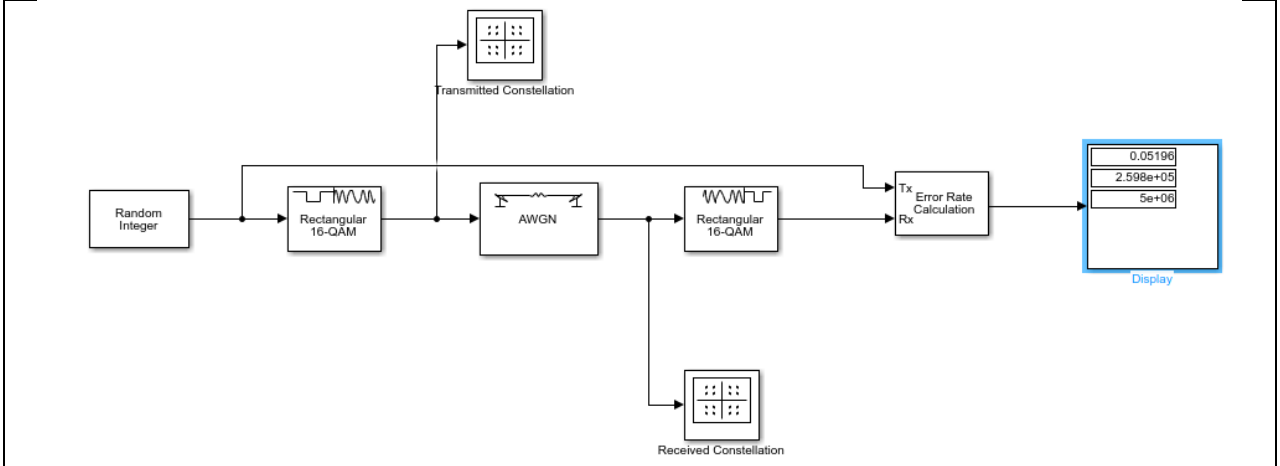
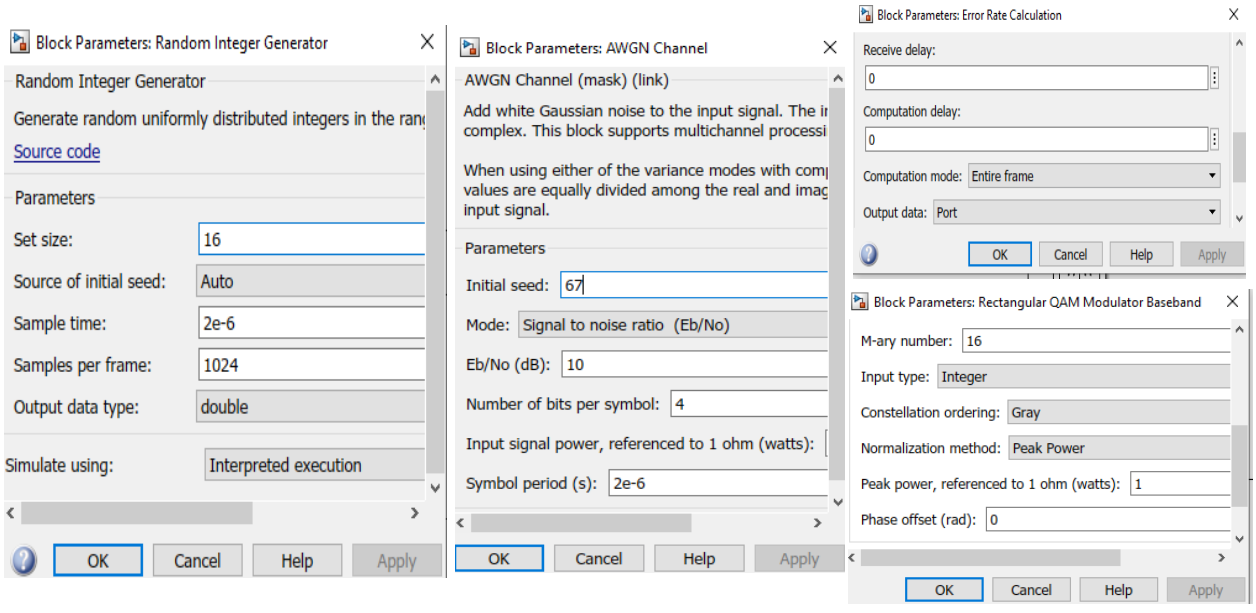
Semester:	Summer 21-22	**Program:**	BSc. CSE
Course Code:	COE3103	**Course Title:**	Data Communication
Course Instructor:	Afsah Sharmin	**Section:**	B

Simulink for QAM is given below:

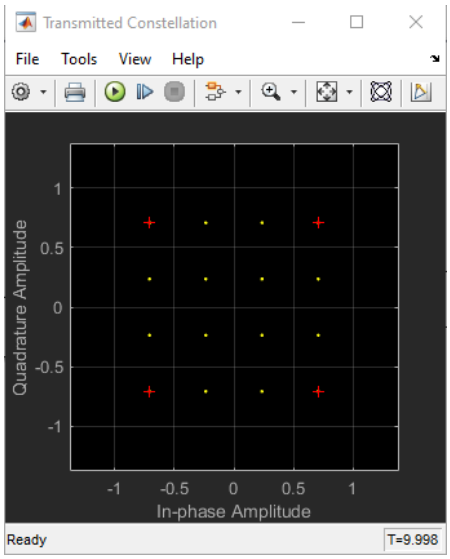
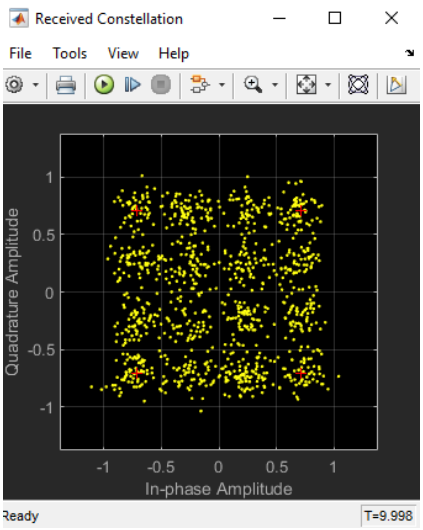
Block Diagram (16-QAM Simulink Model)



Block Parameters



Display & Constellation Output

Transmitted Constellation	Display (Error Rate)	Received Constellation
		
	The Display Block show three values. The first value is the BER, the second value is the number of incorrect bits, and the third value is the total number of bits received.	