St. Francis Institute of Technology
Borivali (West), Mumbai-400103
Information Technology Department

COURSE OUTCOMES

Semester VII

Course name: C701 (Enterprise Network Design)   **Year of Study: 2021-22**

C701.1	Students will be able to understand the requirements of an enterprise and Identify its major design areas.
C701.2	Students will be able to identify functional areas to construct high level modules for enterprise architecture and analyze them.
C701.3	Students will be able to identify the networking devices, prepare a bill of materials and configure the devices as per the Core, Access and Distribution layers.
C701.4	Students will be able to design the Server Farm for an enterprise network and review up- gradations.
C701.5	Students will be able to select the technology for Remote site Connectivity, plan suitable IP addressing and choose routing protocol for an enterprise network.
C701.6	Students will be able to test and monitor the enterprise network using various tools and explain concepts of SDN.

CO-PO Mapping

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1		3										
CO2			3									
CO3	3											
CO4					3							
CO5	3				2							
CO6				3	2							

CO-PSO Mapping

COs	PSO1	PSO2	PSO3	PSO4	
CO1		3		3	
CO2		3		3	
CO3		3		3	
CO4		3		3	
CO5		3		3	
CO6		3		3	

C703.1	To **understand** knowledge of the building blocks of AI in terms of intelligent agent and analyze & formalize the problem.
C703.2	To **design** and **apply** intelligent algorithms for solving problems and design intelligent systems for Game Playing.
C703.3	To **understand** knowledge representation and **attain** the capability to represent real life problems using logic based techniques.
C703.4	To **understand** and to **represent** various real life problem domains using logic based techniques to perform inference or planning.
C703.5	To **formulate** and **solve** problems with uncertain information using Bayesian approaches.
C703.6	To **apply** concept of Natural Language Processing to problems leading to understanding of cognitive computing.

CO-PO Mapping

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3											
CO2		3										
CO3		3				3	3					
CO4			3									
CO5			3									
CO6	3		3						3			

CO-PSO Mapping

COs	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	3				
CO2	3				
CO3		3			
CO4		3			
CO5		3			
CO6		3			

Course name: C7032 (Mobile Application Development)   **Year of Study: 2021-22**

ITDLO7032.1	Students will be able to understand and describe Android platform, Architecture and features.
ITDLO7032.2	Students will be able to, understand and illustrate android activity lifecycle, design User Interface and develop activity for Android App.
ITDLO7032.3	Students will be able to understand, implement and use Intent, Broadcast receivers and Internet services in Android App.
ITDLO7032.4	Students will be able to explain, design and implement Database Application and Content providers
ITDLO7032.5	Students will be able to understand and use multimedia, camera and Location based services in Android App.
ITDLO7032.6	Students will be able to understand and discuss various security issues in Android platform.

CO-PO Mapping

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3											
CO2	3				2							
CO3			3		2							
CO4			3		2							2
CO5			3		2							
CO6			3		2							

CO-PSO Mapping

COs	PSO1	PSO2	PSO3	PSO4	
CO1	2				
CO2	2		3		
CO3		3			
CO4			3		
CO5			3		
CO6		2	3		

Course name: C7034 (Software Testing and Quality Assurance)   **Year of Study: 2021-22**

C7034.1	Student shall be able to state and classify Testing Methodology.
C7034.2	Student shall be able to apply the knowledge of Testing Techniques using Black Box, White Box and Regression Testing for developing Dynamic Testing skills.
C7034.3	Student shall be able to design Test Planning and calculate Testing Efforts using Testing Matrics.
C7034.4	Student shall be able to categorize and select different testing Tools based on their functionality and applications.
C7034.5	Students shall be able to identify the challenges in testing Specialised Environment and use testing techniques to design test cases for testing Specialised Environment.
C7034.6	Student shall be able to paraphrase Software Quality Factors and Criteria.

CO-PO Mapping

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3					1			2	2		3
CO2	1				3	1			1	1		1
CO3		3	1		2			1				
CO4	1	2									2	
CO5						1				1		1
CO6	3	1					3					

CO-PSO Mapping

COs	PSO1	PSO2	PSO3	PSO4	
CO1	3	1			
CO2	2		2		
CO3	3				
CO4			3	1	2
CO5	2	3			
CO6	2		2		