

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

COURSE OUTCOMES

Semester VIII

Course name: C801 (Big Data Analytics)

Year of Study: 2021-22

C801.1	To explain the motivation for big data systems and identify the main sources of Big Data in the real world.
C801.2	To demonstrate an ability to use frameworks like Hadoop, NOSQL to efficiently store retrieve and process Big Data for Analytics.
C801.3	To implement several Data Intensive tasks using the Map Reduce Paradigm
C801.4	To apply several newer algorithms for Clustering Classifying and finding associations in Big Data
C801.5	To design algorithms to analyze big data like streams, Web Graphs and Social Media data.
C801.6	To apply the knowledge of Big Data gained to fully develop a BDA applications for real life applications.

CO-PO Mapping												
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	3										
C02	3	2	3									
C03	2	2	3	3								
C04	2	2	3	3	3	3						
C05		3	3									
C06	2	2	3	2	3	2		2	2			2

CO-PSO Mapping

COs	PSO1	PSO2	PSO3	PSO4	
C01	-	3	3		
C02		3	3		
C03		3	3		
C04		3	3		
C05		3	3		
C06		3	3		

Course name: C802 (Internet of Everything)**Year of Study: 2021-22**

C802.1	Students shall be able to identify objects in IoT and explain basic IoT concepts.
C802.2	Students shall be able to summarise various IoT Technologies and apply the same to solve problems in various domains.
C802.3	Students shall be able to summarise various RFID Technologies and apply the same to solve problems in various domains.
C802.4	Students shall be able to analyse various communication and networking concepts of wireless sensor networks.
C802.5	Students shall be able to investigate different mobility management methods in IoT and assess their performance.
C802.6	Students shall be able to analyse and evaluate data obtained from IoT sensors.

CO-PO Mapping												
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3											
C02			3									
C03			3									
C04		3										
C05		3										
C06		3										

CO-PSO Mapping

COs	PSO1	PSO2	PSO3	PSO4	
C01		3			
C02		3			
C03			3		
C04			3		
C05			3		
C06			3		

Course name: ITDLO8045 (Enterprise Resource Planning)**Year of Study: 2021-22**

ITDLO8045.1	Learner/student will be able to understand the basic concepts of ERP.
ITDLO8045.2	Learner/student will be able to identify different technologies used in ERP.
ITDLO8045.3	Learner/student will be able to understand and apply the concepts of ERP Manufacturing Perspective and ERP Modules.
ITDLO8045.4	Learner/student will be able to discuss the benefits of ERP
ITDLO8045.5	Learner/student will be able to understand and implement the ERP life cycle.
ITDLO8045.6	Learner/student will be able to apply different tools used in ERP.

CO-PO Mapping

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3											
C02	3	3			2							
C03	3	3			2							
C04	3											
C05	2	3										
C06	3		3		2							

CO-PSO Mapping

COs	PSO1	PSO2	PSO3	PSO4	
C01	3			3	
C02			3		
C03			3		
C04	2			2	
C05			2		
C04			2		

Course name: C8028 (Digital Business Management)**Year of Study: 2021-22**

C8028.1	Learner will understand the basic difference between physical and digital economy and will be able to identify the drivers of digital business
C8028.2	Learner will be able to identify types of e-businesses and markets and will be able to apply them to implement various e-commerce strategies to promote an e-business
C8028.3	Learner will demonstrate understanding of various support services needed for digital businesses and will be able to apply them towards digital business application and infrastructure
C8028.4	Learner will be able to identify and classify techniques and strategies to manage digital business. They will also be able to recognise threats and risks to digital business and identify and apply ways to tackle and mitigate them
C8028.5	Learner will be able to analyze an organization's internal and external environment and select an appropriate business strategy to aid the process of digital transformation
C8028.6	Learner will demonstrate understanding of preparing a business plan for a digital business after studying and analyzing the business proposal

CO-PO Mapping

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C01	3	3										
C02	2	3										
C03			3		3							
C04				2								
C05		2										
C06	3			3								

CO-PSO Mapping

COs	PSO1	PSO2	PSO3	PSO4	
C01	3				
C02	3				
C03	2	3			
C04	3				
C05	3				
C06				3	

