

Curriculum Contents for Software Engineering Professional Program / NEXT G - Software Engineering (2023)

Term	Code	Module Name	Credit
Sem 1	IIT	Introduction to Information Technology	3
	IIT/P	Introduction to Information Technology Project	1
	ALP	Algorithm and Programming	2
	ALP/P	Algorithm and Programming Project	1
	RDD	Relational Database Design	2
	IDD	Implementing Database Design on MS SQL Server	3
	IDD/P	Implementing Database Design on MS SQL Server Project	1
	TAD	Tools and Technique for Analyzing Data	3
	TAD/P	Tools and Technique for Analyzing Data Project	1
	OS	Operating System	2
	TOTAL		19
Sem 2	OOP	Object Oriented Programming	3
	OOP/P	Object Oriented Programming Project	1
	JVP	Java Programming	3
	JVP/P	Java Programming Project	1
	IWP	Introduction to Web Programming	3
	IWP/P	Introduction to Web Programming Project	1
	WAP	Web Application	3
	WAP/P	Web Application Project	1
	LCS	Leadership and Communication Skills	2
	ADS	Algorithm and Data Structure	2
	TOTAL		20
Sem 3	JHS	Developing Enterprises Information System using Framework	3
	JHS/P	Developing Enterprises Information System using Framework Project	1
	AST	Automated Software Testing	3
	AST/P	Automated Software Testing Project	1
	MCO	Mobile Computing	3
	MCO/P	Mobile Computing Project	1
	PMD	Project Management using DevOps	2
	PMD/P	Project Management using DevOps Project	1
	CDR	Collaborative Development using Repository System	2
	ISA	Information Systems Architecture and Technology	2
	TOTAL		19
Sem 4	HCI	Human Computer Interaction	3
	HCI/P	Human Computer Interaction Project	1
	WPM	Web Programming for Mobile Devices	3
	WPM/P	Web Programming for Mobile Devices Project	1
	CCO	Cloud Computing	3
	CCO/P	Cloud Computing Project	1
	SCO	Security Concept	2
	SEN/P	Software Engineering Final Project	3
	PRE	Professional Ethics	2
	TOTAL		19
Total Credit in 2 Years : 77			