

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

Software			
Т	C- 1-	M. JJ. N	C 1!4
Term	Code	Module Name	Credit
	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
Sem 1	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
			- 10
		TOTAL	19
	0.05		
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
			20
	THE		
	JHS	Developing Enterprises Information System using Framework	3
	JHS/P	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project	3
	JHS/P AST	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing	3 1 3
	JHS/P AST AST/P	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project	3 1 3 1
	JHS/P AST AST/P MCO	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project Mobile Computing	3 1 3 1 3
Sem 3	JHS/P AST AST/P MCO MCO/P	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project Mobile Computing Mobile Computing Project	3 1 3 1 3
Sem 3	JHS/P AST AST/P MCO MCO/P PMD	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project Mobile Computing Mobile Computing Project Project Management using DevOps	3 1 3 1 3 1 2
Sem 3	JHS/P AST AST/P MCO MCO/P PMD PMD/P	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project Mobile Computing Mobile Computing Project Project Management using DevOps Project Management using DevOps Project	3 1 3 1 3 1 2
Sem 3	JHS/P AST AST/P MCO MCO/P PMD PMD/P CDR	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project Mobile Computing Mobile Computing Project Project Management using DevOps Project Management using DevOps Project Collaborative Development using Repository System	3 1 3 1 3 1 2 1 2
Sem 3	JHS/P AST AST/P MCO MCO/P PMD PMD/P	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project Mobile Computing Mobile Computing Project Project Management using DevOps Project Management using DevOps Project	3 1 3 1 3 1 2
Sem 3	JHS/P AST AST/P MCO MCO/P PMD PMD/P CDR	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project Mobile Computing Mobile Computing Mobile Computing Project Project Management using DevOps Project Management using DevOps Project Collaborative Development using Repository System Information Systems Architecture and Technology	3 1 3 1 3 1 2 1 2 2
Sem 3	JHS/P AST AST/P MCO MCO/P PMD PMD/P CDR	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project Mobile Computing Mobile Computing Project Project Management using DevOps Project Management using DevOps Project Collaborative Development using Repository System	3 1 3 1 3 1 2 1 2
Sem 3	JHS/P AST AST/P MCO MCO/P PMD PMD/P CDR ISA	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project Mobile Computing Mobile Computing Mobile Computing Project Project Management using DevOps Project Management using DevOps Project Collaborative Development using Repository System Information Systems Architecture and Technology TOTAL	3 1 3 1 3 1 2 1 2 2
Sem 3	JHS/P AST AST/P MCO MCO/P PMD PMD/P CDR ISA	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project Mobile Computing Mobile Computing Mobile Computing Project Project Management using DevOps Project Management using DevOps Project Collaborative Development using Repository System Information Systems Architecture and Technology TOTAL Human Computer Interaction	3 1 3 1 3 1 2 1 2 2 1 2
Sem 3	JHS/P AST AST/P MCO MCO/P PMD PMD/P CDR ISA HCI HCI/P	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project Mobile Computing Mobile Computing Project Project Management using DevOps Project Management using DevOps Project Collaborative Development using Repository System Information Systems Architecture and Technology TOTAL Human Computer Interaction Human Computer Interaction Project	3 1 3 1 2 1 2 2 2 19
Sem 3	JHS/P AST AST/P MCO MCO/P PMD PMD/P CDR ISA HCI HCI/P	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project Mobile Computing Mobile Computing Project Project Management using DevOps Project Management using DevOps Project Management using DevOps Project Collaborative Development using Repository System Information Systems Architecture and Technology TOTAL Human Computer Interaction Human Computer Interaction Project Web Programming for Mobile Devices	3 1 3 1 2 1 2 2 2 19
Sem 3	JHS/P AST AST/P MCO MCO/P PMD PMD/P CDR ISA HCI HCI/P WPM	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project Mobile Computing Mobile Computing Project Project Management using DevOps Project Management using DevOps Project Collaborative Development using Repository System Information Systems Architecture and Technology TOTAL Human Computer Interaction Human Computer Interaction Project Web Programming for Mobile Devices Web Programming for Mobile Devices Project	3 1 3 1 2 1 2 2 2 19
Sem 3	JHS/P AST AST/P MCO MCO/P PMD PMD/P CDR ISA HCI HCI/P WPM WPM/P CCO	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project Mobile Computing Mobile Computing Project Project Management using DevOps Project Management using DevOps Project Collaborative Development using Repository System Information Systems Architecture and Technology TOTAL Human Computer Interaction Human Computer Interaction Project Web Programming for Mobile Devices Web Programming for Mobile Devices Project Cloud Computing	3 1 3 1 2 1 2 2 2 19
	JHS/P AST AST/P MCO MCO/P PMD PMD/P CDR ISA HCI HCI/P WPM WPM/P CCO CCO/P	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project Mobile Computing Mobile Computing Project Project Management using DevOps Project Management using DevOps Project Collaborative Development using Repository System Information Systems Architecture and Technology TOTAL Human Computer Interaction Human Computer Interaction Project Web Programming for Mobile Devices Web Programming for Mobile Devices Project Cloud Computing Cloud Computing Project	3 1 3 1 2 1 2 2 2 19 3 1 3 1 3 1 2 2 1 3 1 3 1 3 1 3 1 3 1 1 3 1 1 1 3 1 1 1 1 3 1
	JHS/P AST AST/P MCO MCO/P PMD PMD/P CDR ISA HCI HCI/P WPM WPM/P CCO CCO/P	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project Mobile Computing Mobile Computing Project Project Management using DevOps Project Management using DevOps Project Collaborative Development using Repository System Information Systems Architecture and Technology TOTAL Human Computer Interaction Human Computer Interaction Project Web Programming for Mobile Devices Web Programming for Mobile Devices Project Cloud Computing Cloud Computing Project Security Concept	3 1 3 1 2 1 2 2 2 19 3 1 3 1 3 1 2 2 2
	JHS/P AST AST/P MCO MCO/P PMD PMD/P CDR ISA HCI HCI/P WPM WPM/P CCO CCO/P SCO SEN/P	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project Mobile Computing Mobile Computing Project Project Management using DevOps Project Management using DevOps Project Collaborative Development using Repository System Information Systems Architecture and Technology TOTAL Human Computer Interaction Human Computer Interaction Project Web Programming for Mobile Devices Web Programming for Mobile Devices Project Cloud Computing Cloud Computing Project Security Concept Software Engineering Final Project	3 1 3 1 2 1 2 2 2 2 19
	JHS/P AST AST/P MCO MCO/P PMD PMD/P CDR ISA HCI HCI/P WPM WPM/P CCO CCO/P	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project Mobile Computing Mobile Computing Project Project Management using DevOps Project Management using DevOps Project Management using DevOps Project Collaborative Development using Repository System Information Systems Architecture and Technology TOTAL Human Computer Interaction Human Computer Interaction Project Web Programming for Mobile Devices Web Programming for Mobile Devices Project Cloud Computing Cloud Computing Project Security Concept Software Engineering Final Project Professional Ethics	3 1 3 1 2 1 2 2 2 19 3 1 3 1 3 1 2 2 2 3 1 2 2 3 1 3 1 3 1 3
	JHS/P AST AST/P MCO MCO/P PMD PMD/P CDR ISA HCI HCI/P WPM WPM/P CCO CCO/P SCO SEN/P	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project Mobile Computing Mobile Computing Project Project Management using DevOps Project Management using DevOps Project Collaborative Development using Repository System Information Systems Architecture and Technology TOTAL Human Computer Interaction Human Computer Interaction Project Web Programming for Mobile Devices Web Programming for Mobile Devices Project Cloud Computing Cloud Computing Project Security Concept Software Engineering Final Project	3 1 3 1 2 1 2 2 2 2 19
	JHS/P AST AST/P MCO MCO/P PMD PMD/P CDR ISA HCI HCI/P WPM WPM/P CCO CCO/P SCO SEN/P	Developing Enterprises Information System using Framework Developing Enterprises Information System using Framework Project Automated Software Testing Automated Software Testing Project Mobile Computing Mobile Computing Project Project Management using DevOps Project Management using DevOps Project Management using DevOps Project Collaborative Development using Repository System Information Systems Architecture and Technology TOTAL Human Computer Interaction Human Computer Interaction Project Web Programming for Mobile Devices Web Programming for Mobile Devices Project Cloud Computing Cloud Computing Project Security Concept Software Engineering Final Project Professional Ethics	3 1 3 1 2 1 2 2 2 19 3 1 3 1 3 1 2 2 2 3 1 2 2 3 1 3 1 3 1 3