

Module	Detailed Contents	Hrs
01	<p>Module: Software engineering and Software Development Process Model-</p> <p>Software, ✓ types of software ✓ software engineering, ✓ types of software engineering evolving role of software, challenges in software development.</p> <p>software Development Process Model Waterfall Model, ✓ Evolutionary Process Model: Prototype and ✓ Spiral Model,</p> <p>Self Learning Topics:- Incremental Process model: ✓ Iterative approach, ✓ RAD model, UML</p>	05
02	<p>Agile Development-</p> <p>What is Agility? ✓ 12 Agile principles, ✓ Agility and the cost of change, what is an agile process?, Extreme programming, ✓ Scrum, ✓ Scrum Life cycle and Agile Scrum Framework,</p> <p>Self Learning Topics:- Kanban, Kaizen</p>	05
03	<p>Module: Agile Process Models</p> <p>Adaptive Software Development (ASD), Scrum, , Dynamic Systems Development Method (DSDM) , Crystal, Feature Driven Development (FDD) , Lean Software Development (LSD) , Agile Modeling (AM),</p>	06

	Agile Unified Process (AUP).	
	Self Learning Topics:- Agile Tools	