

Module:5	SCRUM	7 hours	SLO: 6
Scrum Foundations - Scrum Roles - Scrum Master - Product Owner – Team - Scrum Meetings - Scrum Artifacts - Product Backlog - Sprint Backlog - Burn-down Charts - Scaling Scrum – Manager in Scrum and Product Backlog.			
Module:6	AGILE PLANNING and ESTIMATION	5 hours	SLO: 6
Principles of Agile Metrics – Release, Planning and Estimation in Scrum.			
Module:7	ADVANCED CONCEPTS & CASE STUDIES	5 hours	SLO: 17
Scrum and Large Projects – Distributed Scrum – Agile Adoption - A case study of a scrum project, Scrum Success Stories.			
Module:8	Contemporary issues: Applications of Agile software development in industry.	2 hours	-
	Total Lecture hours:	45 hours	
Text Book(s)			
1.	K.S. Rubin, Essential Scrum: A Practical Guide to the Most Popular Agile Process, Addison-Wesley, 2012.		
Reference Books			
1.	M. Cohn, Succeeding with Agile: Software Development Using Scrum, Addison-Wesley, 2009		
2.	S.W. Ambler, M. Lines, Disciplined Agile Delivery: A Practitioner's Guide to Agile Software Delivery in the Enterprise, IBM Press, 2012.		
3.	Chetankumar Patel, Muthu Ramachandran, Story Card Maturity Model (SMM): A Process Improvement Framework for Agile Requirements Engineering Practices, Journal of Software,Academy Publishers, Vol 4, No 5 (2009), 422-435, Jul 2009.		
4.	Kevin C. Desouza, Agile information systems: conceptualization, construction, and management,Butterworth-Heinemann, 2007		
5.	K. Beck, C. Andres, Extreme Programming Explained: Embrace Change, 2nd Edition, Addison-Wesley, 2004.		
Recommended by Board of Studies		5-3-2016	
Approved by Academic Council		No. 40	Date 18-3-2016