

SUGGESTED PAPERS				
Suggested Code	Title of the Paper	#	1	2
15C30A001	5-Colorability	2	1	100
15C30A002	Domination Domination Chromatic	2	1	100
15C30A003	Domination Chromatic	2	1	100
15C30A004	Domination Chromatic	2	1	100
15C30A005	Domination Chromatic	2	1	100
15C30A006	Domination Chromatic	2	1	100
15C30A007	Domination Chromatic	2	1	100
15C30A008	Domination Chromatic	2	1	100
15C30A009	Domination Chromatic	2	1	100
15C30A010	Domination Chromatic	2	1	100
15C30A011	Domination Chromatic	2	1	100
15C30A012	Domination Chromatic	2	1	100
15C30A013	Domination Chromatic	2	1	100
15C30A014	Domination Chromatic	2	1	100
15C30A015	Domination Chromatic	2	1	100
15C30A016	Domination Chromatic	2	1	100
15C30A017	Domination Chromatic	2	1	100

Course Number: SSCM3433	Number of Credits: 4
Subject Description	
This course presents the introduction to VR and .NET, functions, involving course activity, presentation of .NET Framework.	
Objectives	
To enable the students to handle basic VR.NET and concepts of entry	
On successful completion of the course the students should have:	
• Understand VR programming	
Content	
UNIT I	
System Development and VR.NET - VR.NET and the .NET Framework - The VR.NET Development Environment - Modules and namespaces - data types - Annotations and Operators - Type, Visibility and Encapsulation - Control Structures - Control Flow - Error Handling, Exceptions, Classes	
UNIT II	
Basic Object Programming - Class Fundamentals: Fields, Methods, Properties, Constructors, Enums, Static Members - Packages, Namespaces, Statics, Overloading, Static and Virtual Members - Inheritance - Abstract - Interfaces, Enums, Collections, and Other Data Structures	
UNIT III	
File and Streams: Streams and File Streams, Streams, Binary and Text File Streams, Path Class, Streams: Streams class, streams methods, streams reader and writers, reading and writing text files, reading and writing binary files, reading - stream methods - streams operations	
UNIT IV	
Threading Fundamentals: Thread Synchronization - Components and Attributes - References - Multiple Threading - Basics - Managing Thread Control: Task, Queue, Locks, Mutex, Semaphore, Monitor, Interlocked, Volatile, Atomic	
UNIT V	
Process Memory, Shared Data: Types, Memory, Built-in Global Objects, Type and List Views, Task Data, State Task, Progress bar - Web Forms: HTML, Server Controls, Web Form Controls, Validation Controls	
UNIT V	
Web Services with ASP.NET - Handling controls in WebForms: Handling Display in Cycle-MIL and ASP.NET - WebServices: Classes and Interfaces, Service Contracts, Components - ASP.NET Applications: Web services: Description and creation of web services - XML Binding	
REFERENCES	
1. Visual Basic: Programming with VB.NET, Andrew Brown, Microsoft Press, Second Edition (2011) 2. Programming Microsoft Visual Basic .NET, Donalson Roberts, Microsoft press 2003 3. www.wikipedia.com/wiki/vb	

REFERENCES

1. IEEE Std. 102-2015 (Standard for systems and systems)
2. IEEE Std. 102-2015 (Standard for systems and systems)
3. IEEE Std. 102-2015 (Standard for systems and systems)
4. IEEE Std. 102-2015 (Standard for systems and systems)
5. IEEE Std. 102-2015 (Standard for systems and systems)