SRM UNIVERSITY
SCHOOL OF MECHANICAL ENGINEERING

COURSE CODE: ME2191   LESSON PLAN

COURSE TITLE : **Visual Programming and Its Applications**

COURSE TIME - SEMESTER : II   YEAR :2013-2014

BRANCH/CLASS : **M.Tech. CAD**

Sl. No.	Day Order/ Date	Hr	Title	Ref Book	Chapter No
1			Introduction to Procedural programming – Structural programming -objects oriented programming	R1	1
2			Introduction to IDE of visual basics	R1	1
3			Designing the user interface-windows programming-event driven programming	R1	1
4			Common properties, methods and events	R1	1
5			VB Language - Variables, controls flow and loop	R1	1
6			Programmin an application	R1	2
7			Avrage calculator - Project	R1	2
8			Loan Calculator - Project	R1	2
9			conceptual comparison - with simple programming	R1	2
10			Working with forms and Menus	R1	2
11			Math Calculator - Project	R1	3
12			Math Calculator - Project	R1	3
13			Dworking with tool box and its contols -properties	R1	1
14			List box and combo box properties	R1	1
15			List box and combo box properties	R1	1
16			scroll bars and slider controls	R1	1
17			Design of VB Forms using controls		
18			First Test		
19			Discussion of question papers - Common dialog Boxes	R1	8
20			Drawing controls	R1	8
21			OLE -concept	R1	8

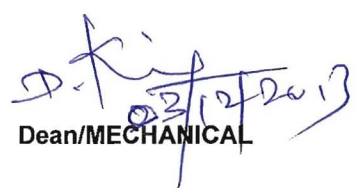| Sl. No.	Day Order/ Date	Hr	Title	Ref Book	Chapter No
22			Animation – interfaces – file system control -data control – data base application.	R1	8
23			Data base-Data control and visual Data Manager	R1	9 to 13
24			Data base-Data control and visual Data Manager	R1	12,14
25			Frame work classes – VC++ components	R2,R3	1
26			Simple program using VC++ IDE		
27			Resources handling – event handling – message dispatch system	R4	2
28			Multiple Documents		
29			Model and model-less dialogues – importing VBX controls – document	R4	2
30			view architecture – sterilizationmultiple document – splitter windows	R2	5
31			Development of Application oriented program		
32			Development of Application oriented program		

REFERENCE BOOKS:

R1. Evangelos Petroutso, " Mastering Visual Basic 6.0", BPB Publications, New Delhi, 2nd Edition 2002.

R2. David Kurlinski, J., "Inside visual C++", Microsoft press 1993.

R3.   Holznek "Visual C++ Programming, Heavy Metal.

R4 . Plewolds, "Windows Programming"

Name of the faculty : S.Karuppudaiyan

Dean/MECHANICAL

Signature of the faculty : 02|12|13