

Course Code	PIT21S201J	Course Name	MULTIMEDIA AND DESIGN	Course Category	S	Skill Enhancement Course	L	T	P	C
							1	0	2	2

Pre-requisite Courses	Nil	Co-requisite Courses	Nil	Progressive Courses	Nil
Course Offering Department	Computer Science	Data Book / Codes/Standards	Nil		

Program Learning Outcome(PLO)

Course Learning Rationale (CLR):	The purpose of learning this course is to:	Learning			Program Learning Outcomes (PLO)														
CLR-1	Formulate a working definition of interactive multimedia	1	2	3	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CLR-2	Demonstrate competence in using the authoring program HyperStudio	Level of Thinking (Bloom)	Expected Proficiency (%)	Expected Attainment (%)	Scientific Knowledge	Problem Analysis	Design & Development	Analysis, Design, Research	Modern Tool Usage	Society & Culture	Environment & Sustainability	Ethics	Individual & Team Work	Communication	Project Mgt. & Finance	Life Long Learning	PSO - 1	PSO - 2	PSO - 3
CLR-3	Demonstrate the use of animation, digitized sound, video control, and scanned images				L	H	-	H	L	-	-	-	L	L	-	H	-	-	-
CLR-4	Demonstrate the use of Netscape to access the Course Home Page and Tips and Tricks				M	H	L	M	L	-	-	-	M	L	-	H	-	-	-
CLR-5	Use basic instructional design principles in the development				M	H	M	H	L	-	-	-	M	L	-	H	-	-	-
CLR-6	Implementation of Design concepts				H	H	M	H	L	-	-	-	M	L	-	H	-	-	-
					L	H	M	H	L	-	-	-	L	L	-	H	-	-	-
Course Learning Outcomes (CLO):	At the end of this course, learners will be able to:	Level of Thinking (Bloom)	Expected Proficiency (%)	Expected Attainment (%)															
CLO-1	Understand Multimedia works	3	80	70															
CLO-2	Create a multimedia component using various tools and techniques	3	85	75															
CLO-3	Import graphics and textures created on other applications into a multimedia software program	3	75	70															
CLO-4	Create a movie using simple animation	3	85	80															
CLO-5	Create an effective interactive site for use on the internet	3	85	75															
CLO-6	Do simple scripting for a file	3	80	70															

Duration (Hour)		09	09	09	09	09
S1	SLO-1	Understanding Photoshop Environment, Learning the usage of tools in tool bar with sample images	Testing Laboratory Mode Edge Mask	Using Retouching Tools in a Image ,	Understanding Flash Drawing spokes on a wheel and allow the wheel to rotate,	Automatic Slide show presentation and presentation with action script
S2-S3	SLO-2	Laboratory 1 : sample images	Laboratory 4: Clone an Image	Laboratory 7: Adjusting color and tone for an Image	Laboratory 10: Motion Tweenin	Laboratory 13: : Marquee Selections Examples
S4	SLO-1	Understanding the usage of selection	Clone an Image	Apply readymade effects to image	Text and Shape Tweening,	Masking Effect
	SLO-2	Tools: Marquee Selections	Captain Kirk's Myophia Effect	using Filter menu	Moving a bus from one end to other end of stage	Water Masking
S5 to S6	SLO-1	Laboratory 2: Lasso Selections	Laboratory 5: Captain Kirk's Myophia Effect	Laboratory 8: Filter menu	Laboratory 11: Bouncing Ball	Laboratory 14: Water Masking
	SLO-2					
S7	SLO-1	Adjusting Brightness and Contrast	Apply antique framing for photo	Designing ID Card and Invitation Card using Layer	Moving an object	Creating buttons using action script
	SLO-2	Isolating image from complex image	Apply various transformations for the selection	Layer effects	text along a curved path	States of button
S8 to S9	SLO-1	Laboratory 3: , Multichannel color mode,	Laboratory 6: Mode Edge Mask	Laboratory 9: Gradients	Laboratory 12: Layer effects	Laboratory 15: Masking Effect
	SLO-2					

Learning Assessment									
	Bloom's Level of Thinking	Continuous Learning Assessment (100% weightage)							
		CLA – 1 (20%)		CLA – 2 (20%)		CLA – 3 (30%)		CLA – 4# (30%)	
		Theory	Practice	Theory	Practice	Theory	Practice	Theory	Practice
Level 1	Remember Understand	10%	10%	10%	10%	10%	10%	10%	10%
Level 2	Apply Analyze	20%	20%	20%	20%	20%	20%	20%	20%
Level 3	Evaluate Create	20%	20%	20%	20%	20%	20%	20%	20%

	Total	100%	100%	100%	100 %
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CLA – 4 can be from any combination of these: Assignments, Seminars, Tech Talks, Mini-Projects, Case-Studies, Self-Study, MOOCs, Certifications, Conf. Paper etc.

Course Designers		
Experts from Industry	Experts from Higher Technical Institutions	Internal Experts
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