West Bengal State Council of Technical & Vocational Education and Skill Development (Technical Education Division)



Syllabus of

Diploma in Photography [PHO]

Part-III (5th Semester)

Revised 2022

							Evaluation Sche	me of Theoritical I	Paper		Evaluation Scher	me of Practica	l/Sessional		Total
	Photograp	ohy				Internal Scheme							End Semester Assessment		
Semester V	L	т	Р	Contact Hours	Credit	Mid Sem Test	Class Assignment	Class Attendance	End Semester Examination	Teacher's Assessment & Laboratory Notebook	Class Performance	Class Attendance	Viva-Voce	Assignment on the day of Viva-voce	
Motion Picture Photography I	3	0	0	3	3	20	10	10	60						100
Videography II	3	0	0	3	3	20	10	10	60						100
Programme Elective II: Introduction to film studies	3	0	0	3	3	20	10	10	60						100
Filming and Editing Technique I	3	0	0	3	3	20	10	10	60						100
Filming and Editing Technique Lab	0	0	3	3	1.5			•		30	20	10	20	20	100
Videography II Lab	0	0	0	3	1.5					30	20	10	20	20	100
Multimedia and Animtion Lab II	0	0	3	3	1.5					30	20	10	20	20	100
Major Project (Video Production)	0	0	3	2	1										100
Internship II (after Sem IV)	0	0	0	0	1										100
	,			23	18.5										900
	Photograp	ohy				-	Evaluation Sche Internal Scheme	me of Theoritical I	Paper	Evaluation Scheme of Practical/Sessional Continuous Assessment End Semes			ester Assessment		
Semester VI		т	Р	Contact					End Semester	Teacher's					Total Marks
	L	'	P	Hours	Credit	Mid Sem Test	Class Assignment	Class Attendance	Examination	Assessment & Laboratory Notebook	Class Performance	Class Attendance	Viva-Voce	Assignment on the day of Viva-voce	
Motion Picture Photography II	3	0	Р 0		Credit 3	20	Class Assignment	Attendance	Examination 60	Laboratory			Viva-Voce		100
Motion Picture Photography II Filming and Editing Technique II			-	Hours			_	Attendance	Examination	Laboratory			Viva-Voce		
Motion Picture Photography II	3	0	0	Hours 3	3	20	10	Attendance	Examination 60	Laboratory			Viva-Voce		100
Motion Picture Photography II Filming and Editing Technique II Light and Sound in Motion Picture	3 3	0	0	Hours 3 3	3	20 20	10 10	Attendance 10 10	Examination 60 60	Laboratory			Viva-Voce		100 100
Motion Picture Photography II Filming and Editing Technique II Light and Sound in Motion Picture Photography Entrepeneurship and Start-ups Open Elective I : Engineering Economics and Project Management	3 3 3	0 0 0	0 0 0	Hours 3 3 3	3 3 3	20 20 20	10 10 10	Attendance 10 10 10 10	Examination 60 60 60	Laboratory			Viva-Voce		100 100 100
Motion Picture Photography II Filming and Editing Technique II Light and Sound in Motion Picture Photography Entrepeneurship and Start-ups Open Elective I : Engineering Economics and Project Management Open Elective II : Industrial Management Or professional Orientation Or Disaster Management	3 3 3 3	0 0 0	0 0 0	Hours 3 3 3 3 3	3 3 3 3	20 20 20 20 20	10 10 10 10	Attendance 10 10 10 10 10 10 10	Examination 60 60 60 60	Laboratory			Viva-Voce		100 100 100 100
Motion Picture Photography II Filming and Editing Technique II Light and Sound in Motion Picture Photography Entrepeneurship and Start-ups Open Elective I : Engineering Economics and Project Management Open Elective II : Industrial Management Or professional Orientation Or Disaster Management Filming and Editing Technique Lab II	3 3 3 3 3	0 0 0	0 0 0 0	Hours 3 3 3 3 3 3 3 3	3 3 3 3 3 3 3 1	20 20 20 20 20 20	10 10 10 10 10 10	Attendance 10 10 10 10 10 10 10 10 10 10 10 10 10	Examination 60 60 60 60 60 60	Laboratory			Viva-Voce		100 100 100 100 100 100 100
Motion Picture Photography II Filming and Editing Technique II Light and Sound in Motion Picture Photography Entrepeneurship and Start-ups Open Elective I : Engineering Economics and Project Management Open Elective II : Industrial Management Or professional Orientation Or Disaster Management	3 3 3 3 3 3		0 0 0 0 0	Hours 3 3 3 3 3 3 3	3 3 3 3 3 3 3	20 20 20 20 20 20	10 10 10 10 10 10	Attendance 10 10 10 10 10 10 10 10 10 10 10 10 10	Examination 60 60 60 60 60 60	Laboratory Notebook	Performance	Attendance	viva-voce	day of Viva-voce	100 100 100 100 100 100
Motion Picture Photography II Filming and Editing Technique II Light and Sound in Motion Picture Photography Entrepeneurship and Start-ups Open Elective I : Engineering Economics and Project Management Open Elective II : Industrial Management Or professional Orientation Or Disaster Management Filming and Editing Technique Lab II	3 3 3 3 3 3 0		0 0 0 0 0 0 2	Hours 3 3 3 3 3 3 2	3 3 3 3 3 3 3 1	20 20 20 20 20 20	10 10 10 10 10 10	Attendance 10 10 10 10 10 10 10 10 10 10 10 10 10	Examination 60 60 60 60 60 60	Laboratory Notebook	Performance	Attendance	viva-voce	day of Viva-voce	100 100 100 100 100 100 100

Syllabus for Filming & Editing Techniques I-Theory

	rinning & Eurung 1					
Name	of the Course : PHOTOGRAPHY					
Name	of the Subject: Filming & Editing Tech	niques I				
Cours	e Code :	Semester: Fifth				
Durat	tion: 17 weeks	Maximum Marks: 100				
Teach	ning Scheme :	Examination Scheme :				
Theor	ry : 3 contact Hour/week.	Internal Examination : 20 Marks				
Tutori	ial: 1contact Hour/week	Class Test : 10 Marks				
Practi	cal : Filming & Editing Technique Lab I	Teacher's Assessment: 10Marks				
Credit	t: 3	End Semester Examination : 60 Marks				
Aim:						
1.	To develop the knowledge & skill of Edi	ting Techniques in Motion Picture				
	Photography.					
2.	Students will understand the knowhow o	f the Editing techniques for Motion Picture				
	Photography and can function either as a	in entrepreneur or can take up jobs in the film				
	industry.					
Objec	ctives - The student will be able to					
1.	The techniques of script formation from	a concept.				
2.	Understand the techniques of a script wr	iting.				
3.	Understand the techniques of scene and s	short breakdown.				
4.	Understand the basics of screen techniqu	le.				
5.	The necessity of editing.					
6.	The principles of editing.					
Pre-R	Requisite -					
1.	Basic concept of Editing.					
2.	Basic knowledge of computer operating.					

Contents: Total Periods: 60(15Weeks) +08(2Weeks) =68 (17Weeks)

	Content (Name of Topic)	
Group-A		
	Filming	
Module 1	 Introduction to script : (To develop a story -board from an idea/concept) Writing a script: (To read and analyse different genres of screen plays) Scenes and shots: (Breakdown of a screen play into scenes and shots) The screen technique : (i) Joining of shots and scenes (ii)The cut and types of cut (iii)The imaginary line (iv)Basic movements Other transitions i.e. fade, mix, etc. 	30
Group-B		

	Editing	
Module 2	 Necessity of editing : (To analyse the reasons of editing) Principles of editing : (To analyse different editing principles) 	15
Total		45

Internal Exam	nination Marl	1	Marks on Attenda	ance:05		
End Semester	Examination	Teacher's Assess	ment :05			
Group	Module		Objec	ctive Questions		Total Marks
		To be	e Set	To be	Marks per	
				Answered	Question	
А	1	15		A ny Twonty	1	20×1=20
В	2	10	C	Any Twenty	1	20×1-20
Group	Module	Subj	jective Que	estions		Total Marks
		To be Set	To be	Answered	Marks per	
					Question	
А	1	5	Aı	ny Five		
В	2	3			8	8×5 =40
			from E	Each Group		

Name of Authors	Title of the Book	Publisher
Ken Dancyger	Technique of film and video editing.	
	Theory & Practice.	
J.D.Andrews	The major film theories.	
Reisz and miller	The techniques of film editing.	
S.E Browne	Video editing: A post production	
Allen and Gomery	Film history: Theory and practice.	
Roy, Thompson	Grammer of edit	
A.Rajadhyaksha	Encylopaedia of indian cinema.	

Note 1: Teacher's assessment will be based on performance on given assignments & quizzes. Note 2: Assignments may be given on all the topics covered on the syllabus.

Syllabus For MOTION PICTUREPHOTOGRAPHY – I-THEORY Name of the Course : PHOTOGRAPHY

Name of the Subject: Motion Picture Photography -I

Course Code :	Semester: Fifth
Duration: 17 weeks	Maximum Marks: 100
Teaching Scheme :	Examination Scheme :
Theory: 3 contact Periods /week.	Internal Examination : 20 Marks
Tutorial : 1 contact Period/week	Class Attendance : 10 Marks
Practical : Workshop	End Semester Examination : 60 Marks
Credit : 3	Teacher's Assessment: 10 Marks
Aim:	

1.	The student should know the basic concepts of handling the motion picture camera.
2.	The students should know the concept of difference between still cameras and motion
	picture cameras.
Objec	tives - The student will be able to
1.	understand the concept of the basic principles of motion picture photography;
2.	understand the concept and technique of cinematographic properties ;
3.	Understand the different types of operations and movements
Pre-R	equisite -
1.	Basic knowledge of camera operation.
2.	Interest in cinematography.

Contents: Total Periods: 60(15Weeks) +08 (2Weeks) =68(17Weeks)

	Content (Name of Topic)	
Group – A		Periods
Module 1	Introduction to motion picture photography- Movement of frame, movement within a frame; anatomy of human eye,binocular vision, persistence of vision ,acuity (circle of confusion), flicker perception of human eye and how motion is created from a series of static frames perception of colour , adaptative properties.	5
Module 2	Cinematographic properties – Basic shot terminology : Close up, Mid shot, Long shot, Big close up, Mid-long shot, Extreme long shot, Point of view (POV) shot, Over-the- Shoulder(OTS) shot, high angle and low angle shot, top angle shot. Introduction to the concept of Imaginary line (180 ⁰); matching of action, direction of the movement and look. Reverse angle.	10
Group-B		
Module 3	Operations and movements- Pan, lilt, trolley, dolly, crane, steady – cam	5
Module 4	Different film Formats (16 min, 35 mm, 70 mm) and aspect ratios.	5

Group – C						
Module 5	Exposure determination for motion picture camera.					
	i.	Introduction to zone system as a scientific tool for exposure.				
	ii.	Exposure value (Ev), Exposure Latitude.	10			
	iii.	Exposure meter; Incident and reflected (one degree spot meter).				
	iv.	Exposure control; F-stops and T-stops.				
Module 6	i.	Introduction to various picture negatives available in the market.	10			
	ii.	Colour temperature, MIRED value, MIRED shift.				
	iii.	Colour temperature meter.				
	iv.	Use of filters for colour cinematography : colour-conversion,				
	v.	colour compensating (CC), light balancing (LB),				
	vi.	neutral density (ND) and other special effect filters, filter factor.				
	vii.	Use of filters for B/W cinematography.				
	viii.	Day-for-night cinematography.				
Total			45			

Internal Exan End Semester		Marks - n : Marks -			Attendance : 05 Assessment : 05	
Group	Module		Objec	ctive Questions		Total Marks
		To be Set		To be Answered	Marks per Question	
А	1, 2	9				
В	3, 4	6		Any Twenty	1	20×1=20
С	5,6	10)			
Group	Module		Subje	ctive Questions		Total Marks
		To be Set	To be	Answered	Marks per Question	
А	1, 2	2	A	ny Five		
В	3, 4	2	Taking <i>A</i>	At Least One	8	5 ×8 =40
С	5,6	4	from E	Each Group		

	Text Books	
Name of Authors	Title of the Book	
G. Hirchfield	Image control	
Ohanian and Phillips	Digital film making	
F.L.Hirshey	Optics and focus for camera assistants	
Samuelson	Hands-on manual for cinematographer	
Peter Word	Picture composition	
Samuelson	Motion picture camera techniques	

Note 1: Teacher's assessment will be based on performance on given assignments & quizzes. Note 2: Assignments may be given on all the topics covered on the syllabus.

Syllabus For Videography II-THEORY Name of the Course : PHOTOGRAPHY

Name of the Course : PHOTOGRAPHY Name of the Subject: Videography : II

Course Code :		Semester: Fifth	
Duration: 17 weeks		Maximum Marks: 100	
Teaching Scheme :		Examination Scheme :	
Theory: 3 contact Hour/week.		Internal Examination : 20	
Tutorial : Nil con	tact Hour/week	Class Attendance : 10	
Practical : Works	hop	End Semester Examination: 60	
Credit : 3		Teacher's Assessment: 10	
Aim:			
1.	A student might have good theoretical knowledge in videography, and should know		
	difference between the video camera and film camera. They should know the difference functions of a video camera.		
2.	The students should have adequate knowledge in videography, so that they can		
2.	operate the camera in different situat		
Objectives - The	e student will be able to		
<u>1.</u>	Understand the techniques of image	reproduction:	
2.	Understand the techniques of Charged	1	
3.	Understand the techniques of camera lens controls		
4.	Understand the techniques of horizontal phase and sub-carrier phase		
5.	Understand the basic principles video and audio recording		
6.		Understand the techniques of TV transmission	
Pre-Requisite -	*		
1.	Basic theoretical knowledge in Vide	ography.	
2.	Knowledge of basic camera hardwar	* * *	

Contents: Total Periods: 60(15Weeks) +08(2Weeks) =68(17Weeks

	Content (Name of Topic)	Periods
Group A		
Module 1	 i) Reproduction of image : Cathode Ray Tube (monochrome and colour) Liquid Crystal Display (LCD), professional studio monitor and its controls, High Definition Television (HDTV) ii)Charged Coupled Device (CCD): Interline Transfer (IT), Frame Transfer (FT) Frame Interline Transfer (FIT) Hole Accumulation Diode (HAD) Sensor, Application of electronic shutter to CCD image sensor 	10
Module 2	 i)Camera Lens Controls: Focus, auto/manual, zoom servo/manual, iris auto/manual, built in filters (day light, artificial light, neutral density), MTF curve. ii)Electronic viewfinder controls: Monochrome, colour, LCD, brightness, contrast, peaking or details, etc., zebra, spot L, Back L 	05

Group B		
Module 3	In-camera control: Gain(expressed in dB) high, standard, low, hyper gain, Dynamic Contrast Control(DCC) Dynalatitude (DL).master pedastal or master black stretch, detail, , black balance and white balance, back focus, macro focus.	05
Module 4	 i)Time code: Longitudinal (LTC) and Vertical Interval Time Code (VITC), Capstan Tracking Logic (CTL), U-Bits, Cassette Memory (CM), Clip-link, Serial Digital Interface (SDI), memory stick. ii)Horizontal phase and sub-carrier phase. iii)Wave form monitor and vectroscope, Camera Control Units (CCU) 	05
Group C	· · · · · ·	
Module 5	 Video and audio recording. A.V.T.R. (Betacam and other digital recorders) B.Camcorder. (Betacam and other digital camcorders) C. Video tape and recording formats. Television studio operations a. On line recording with multiple camera set up. b. Control units for camera and audio. c.Panels. d. Light controls. 	10
Module 6	 i) Video editing. a.Linear (insert and assemble modes) b.Editing equipment : Edit VTR, Edit Control Unit, Vision Mixer, c.Computer Graphics (C.G.) etc. d.Non-linear e.Recording of audio (commentary, dubbing, music). fEffects (visual and audio) ii) TV Transmission 	10
Total		45

Internal Exan Final Examin		Aarks - 20 Aarks - 70			Marks on Atter Teacher's Asses	
Group	Module		Objec	ctive Questions		Total Marks
		To be	Set	To be Answered	Marks per Question	
А	1,2	10)			
В	3,4	7		Any Twenty	1	20×1=20
С	5,6	8				
Group	Module	Subjective Questions			Total Marks	
		To be Set	To be	Answered	Marks per Question	
А	1,2	3	A	ny Five		
В	3,4	3		At Least One	10	5 ×10 =50
С	5,6	2	from H	Each Group		

Note 1: Teacher's assessment will be based on performance on given assignments & quizzes. Note 2: Assignments may be given on all the topics covered on the syllabus.

Name of the author(s)	Name of the book.
Peter Jarvis	The essential TV handbook
J. Watkinson	The art of digital video
Arthur C. Luther	Video camera technology
C. Gordon	The guide to high-definition video production
Rumsey & Watkinson	The digital interface handbook
J. Watkinson	MPEG-2
R.H.Kallenberger	Films into video

Syllabus For : Major Project (Video Production)

Name	of the Course : PHOTOGRAPHY			
Name	of the Subject: Major Project (Short Fil	m Production)		
Course	e Code :	Semester: Fifth		
Durat	ion: 15 weeks	Maximum Marks: 100		
Teach	ing Scheme :	Examination Scheme :		
Theor	Theory: Nil contact hours/week.Internal Examination : Nil			
Tutori	al : Nil contact hour/week	Class Attendance : Nil		
Practic	Practical : 3 Periods/Week End Semester Examination : 100 Marks			
Credit	Credit : 1.5 Teacher's Assessment: Nil			
Aim:				
1.	The course is carried out to give the students an industrial exposure.			
2.	The diploma holders in this discipline are expected to have professional skills so that			
	they can produce the job individually.			
Objec	tives - The student will be able to			

1.	Understand the necessity of a concept or story.
2.	Understand the techniques of script writing.
3.	Understand the necessity of controlling production cost.
4.	Understand the necessity of planning a production.
Pre-R	Requisite -
1.	Thorough theoretical and practical knowledge for successful production of a short film.

	Content (Name of Topic)	Periods
	1. Preparation of script: fiction or non-fiction.	
	2. Shooting of the script in film.	
	3. Edit of the rushes / footages with sound.	
	4. Review and final correction.	
	Assessment will be done on the basis of :	
	1.Camera : operation, composition, movement, use of lens etc.	
	2. Effective use of light and sound .	
	3.Sense of editing.	
	4. Other technical considerations executed in the project.	
	Note : The project guide will specify the duration of the project .	
Total		45

Note 1: Teacher's assessment will be based on performance on given assignments & quizzes. Note 2: Assignments may be given on all the topics covered on the syllabus

Syllabus For

Programme Elective II-Introduction to Film Studies

Name of the Course : PHOTOGRAPHY

Studi			
Course Code :		Semester: Fifth	
Duration: 17 weeks		Maximum Marks: 100	
Teaching Scheme :		Examination Scheme :	
Theor	ry: 3 contact Hours/week.	Internal Examination : 20 Marks	
Tutor	ial : 1 contact Hour/week	Class Attendance : 10 Marks	
Practi	ical : NIL	End Semester Examination : 60 Marks	
Credi	t:3	Teacher's Assessment: 10 Marks	
Aim:		· · ·	
1.	The student can choose their individual interest area as an elective subject.		
Obje	ctives - The student will be able t	0	
1.	Understand the necessity of a co		
2.	Understand the story and its cine	I V	
3.	Understand the techniques of ma		
4.	Understand the techniques of target viewer.		
5.	Understand the techniques of script writing.		
6.	Understand the necessity of plan		
Pre-H	Requisite -		
1.	Basic knowledge of cinema.		
2.	Keen interest in cinema.		

		Content (Name of Topic)	Periods
Group A			
Module 1	1.	Concept /story:	
		(Transformation of a concept into a story)	10
	2.	Fiction:	
		(Story and its transformation into a film)	
	3.	Non-fiction :	
		Different types and styles of making non-fiction)	
Module 2	4.	Docu-drama :	
		(Transitional areas of fiction and non-fiction.)	10
	5.	Target viewer:	
		(For whom a film is made)	
Group B			
Module 3	6.	Script writing:	
		(Techniques of script writing: genres and auteurs.)	
	7.	Script reading:	10
		(Comparative study of different genres of film scripts)	

Syallabus for : Videography- II Lab

	viutography- 11 Lab					
	Name of the Course : PHOTOGRAPHY					
Name of the Subject: Videography Lab						
	Course Code :	Semester: Fifth				
	Duration: 17 weeks	Maximum Marks: 100				
	Teaching Scheme :	Examination Scheme :				
	Theory: Nil	Teacher's Assessment & Lab Note Book : 30				
	Tutorial : Nil	Class Attendance : 10				
	Practical : 3 contact Hour/week	Class Performance: 20				
	Credit : 1.5	Viva Voce: 20				
		Assignment on the day of Viva Voce: 20				
	Ai	m:				
1.	The student will be able to use the di	fferent video equipment and their operations.				
	Objectives - The student will be able to					
1.	Understand the concept of handling the video cameras and their accessories.					
2.						
	Pre-Re	quisite -				
1.	Basic theoretical k	nowledge of videography.				
2.		rk with co-worker.				
	-					

Content (Name of Topic) Ferious		Content (Name of Topic)		Periods
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Module 1	1. Familiarization to record sound with a video camera.	
	2. Selection and use of different microphones and other in-	
	camera recording modes	
	3. Shooting of a dialogue exercise:	
	a. In an indoor situation	
	b. In an outdoor situation	
	(Inclusive of writing script, shot break- down etc.)	
	4. To shoot news coverage and other non- fiction subjects.	
	Demonstration and practice with different models of camera, which	
	are being presently used in the industry.	
	6. Process of Chroma Key Shoot and its Lighting	
<u>Total</u>		45

Module 4	8. Crew meeting:	
	9. (Importance of meeting with crew members before shooting.)9. Cost of production :	15
	 (To estimate budget and production management.) 10. Planning of production: (To design schedule and production – planning for shooting.) 	
<u>Total</u>		45

Internal Exan		Marks - 20			Marks on Atter	
Final Examin	ation : I	Marks - 70			Teacher's Asse	ssment : 05
Group	Module		Objec	ctive Questions		Total Marks
		To be Set		To be	Marks per	
				Answered	Question	
А	1,2	10)			
В	3,4	15	5	Any Twenty	1	20×1=20
Group	Module		Subje	ctive Questions		Total Marks
		To be Set	To be	Answered	Marks per	
					Question	
А	1,2	4	Aı	ny Five		
В	3,4	4	Taking A	At Least One	8	5 ×8 =40
			from E	Each Group		

Note 1: Teacher's assessment will be based on performance on given assignments & quizzes. Note 2: Assignments may be given on all the topics covered on the syllabus.

FLIMING AND EDITING TECHNIQUE LAB -I

Name of the Course : PHOTOGRAPH	łY
Name of the Subject: FLIMING AND	EDITING TECHNIQUE LAB -I
-	
Course Code :	Semester: Fifth
Duration: 17 weeks	Maximum Marks: 100
Teaching Scheme :	Examination Scheme :
Theory: Nil	Teacher's Assessment & Lab Note Book : 30
Tutorial : Nil	Class Attendance : 10
Practical: 3 contact hour/Week	Class Performance: 20
Credit : 1.5	Viva Voce: 20
	Assignment on the day of Viva Voce : 20
Aim:	
1. The student should know the bas	sic concepts of editing.
Objectives - The student will be able to	
1. Understand the different editing t	echniques and style.
Pre-Requisite -	· · ·
110 Mequisite -	

1.	Basic knowledge of editing.
2.	Interest in cinematography.

Contents: Total Periods: 60(15Weeks) +08(2Weeks) =68(17Weeks)

Content (Name of Topic)		Periods	
Module 1	 Analysis of film and editing techniques of various styles and genres. Model texts will be used to familiarize different techniques of filmmaking and editing methods: 1. Fiction 2. Non -fiction 3. Practical demonstration of physical continuity of a sequence. 4. Practical demonstration of a dialogue situation. 5. Final Cut Pro/ AVID/Premier Pro Software 		
Total		45	

Note 1: Teacher's assessment will be based on performance on given assignments & quizzes. Note 2: Assignments may be given on all the topics covered on the syllabus.

Syllabus for: Multimedia & Animation-II Lab

Course Code:	Semester: Fifth (All Modules should be completed in 3rd semester. Evaluation may be done by continuous assessment process and by External Examiner in end semester)
Duration: Seventeen weeks/Semester	Full Marks:100
Teaching Scheme:	Teacher's Assessment and Lab Note Book : 30
Theory: Nil hrs./week	Class Performance : 20
Tutorial : Nil hrs./week	Class Attendance : 10
Practical: 3 hrs./week	Viva Voce : 20
Credit :1.5	Assignment on the day of Viva Voce : 20

Aim: To impart practical knowledge in Multimedia & Animation-II related with the study of Photography.

Sl. No	
1	Generation of Audio & Its editing with sound editing software
2	Be acquainted Video Capturing
3	Be acquainted with Video Editing with video editing software
4	Script preparation
5	Practicing Authoring work by using different Authoring software.

Objective: Student will able to

6 Pr	acticing Project on Multimedia Application.		
7 CI	D/DVD Writing.		
Pre-Requ	isite: Nil		
Sl.No			
1	Basic Skill of Computer operation & software is necessary.		
2	Basic knowledge in sound & video should be known		
3	Knowledge ofdeveloping Text, Image & Animation component for In	nteractive appli	cation.
Contents:	Total Periods: 45(15Weeks)+2Weeks(Internal Assessment) =	Hrs./Unit	Marks
45(17 Wee	ks)		
Module : 1	Audio Editing		
	Audio Editing Software(Audition/Sound Forge)-The Interface, Importing, Recording of Audio through Microphone and Playback, Audio Mixing & Editing work, Multitrack view, Looping Content, Restoration Tools, Working with video, Mastering and finalizing, Exporting, saving files/projects, Making CD.	06 periods	
Module :2	Video Capturing		
	Introduction to the capture card (Pinnacle, Miro DC 30 Plus), Capturing motion video i.e. Digitizing of Motion pictures by capture card, Conversion from AVI to MPEG Video, Compression & Decompression.	03 periods	
Module : 3	B Video Editing		

	Getting Started with Adobe Premiere Pro video editing	09 periods
	software - The Project Panel, The Timeline Panel, The Editing	••• F •••••
	workflow, Transition basics, Effects control basics,	
	Audiobasics, Titler Basics, Creating type and graphic effects,	
	Advanced Tilting; Styles and Templates, Advanced Editing	
	Techniques, Creating Motion effect. Usage of Chroma Key	
Module : 4	Preparation of Script& Storyboard	
	Practicing script writing and preparation of storyboard for	03 periods
	developing Interactive application.	_
Module : 5	Multimedia Authoring	
	Introduction to Authoring Software:	06 periods
	a)Assymetric Toolbook II	
	Instructor,	
	b) Macromedia Director, Integration & interface to Text,	
Module : 6	Preparation of a project to develop the multimedia	12& periods
	application by after effect software	
	Project conceptualisation, Design and Development	
Module:7	CD&DVD production and replication process	06 periods
	Practicing CD/DVD writing, & Mastering & Packaging etc.	
	Total	45 periods

Name of Authors	Title of the Book	Name of the Publishers
Judith Jeffcoate	Multimedia in Practice - Technology & Applications	Prentice Hall, 1995
AndressHolzinser	Multimedia Basics, Vol-I	
John Villamil-Casanova, Louis Molina	Multimedia – An Introduction	Prentice Hall, 1998
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