Syllabus for
Filming & Editing Techniques I

Name of the Course : PHOTOGRAPHY Name of the Subject: **Filming & Editing Techniques I**	
Course Code :	Semester: Fifth
Duration: 17 weeks	**Maximum Marks: 100**
Teaching Scheme :	**Examination Scheme :**
Theory : 3 contact Hour/week.	***Internal Examination : 20 Marks***
Tutorial : 1contact Hour/week	Class Test : 05 Marks
Practical : Filming & Editing Technique Lab I	Teacher's Assessment: 05 Marks
Credit : 3	***End Semester Examination : 70 Marks***

Aim:	
1.	To develop the knowledge & skill of Editing Techniques in Motion Picture Photography.
2.	Students will understand the knowhow of the Editing techniques for Motion Picture Photography and can function either as an entrepreneur or can take up jobs in the film industry.
Objectives - The student will be able to	
1.	The techniques of script formation from a concept.
2.	Understand the techniques of a script writing.
3.	Understand the techniques of scene and short breakdown.
4.	Understand the basics of screen technique.
5.	The necessity of editing.
6.	The principles of editing.
Pre-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	1. Introduction to script : (To develop a story –board from an idea/concept) 2. Writing a script: (To read and analyse different genres of screen plays) 3. Scenes and shots: (Breakdown of a screen play into scenes and shots) 4. 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	1. Necessity of editing : (To analyse the reasons of editing) 2. Principles of editing : (To analyse different editing principles)	15
Total		45

EXAMINATION SCHEME

Internal Examination Marks – 20				Marks on Attendance:05	
End Semester Examination Marks – 70				Teacher's Assessment :05	
Group	Module	Objective Questions			Total Marks
		To be Set	To be Answered	Marks per Question	
A	1	15	Any Twenty	1	20×1=20
B	2	10			
Group	Module	Subjective Questions			Total Marks
		To be Set	To be Answered	Marks per Question	
A	1	5	Any Five Taking At Least One from Each Group	10	10 ×5 =50
B	2	3			

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.

S y l l a b u s F o r
Filming & Editing Techniques –II

Name of the Course : PHOTOGRAPHY Name of the Subject: **Filming & Editing Techniques II**	
Course Code :	Semester: Sixth
Duration: 17 weeks	**Maximum Marks: 100**
Teaching Scheme :	**Examination Scheme :**
Theory: 3 contact Hour/week.	Internal Examination : 20 Marks
Tutorial : 1 contact Hour/week	Class Attendance : 5 Marks
Practical : Workshop	Teacher's Assessment: 05 Marks
Credit : 2	End Semester Examination : 70 Marks

Aim:	
1.	The student should know the techniques of handling the different types edit setup.
2.	The students should also be equipped with the ability to edit a film with the mixing of sound.
Objectives - The student will be able to	
1.	Understand the techniques of shot taking.
2.	Understand the principles of continuity record.
3.	Understand the documentary film making style.
4.	The techniques of joining of shots.
5.	The basic techniques of rough cut editing.
6.	The basic techniques of fine cut editing.
Pre-Requisite -	
1.	Basic knowledge of editing.
2.	Basic artistic and aesthetic sense.

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

GROUP-A	Content (Name of Topic)	Periods
	Filming	
Module I	1.0 To take a shot(Analyse the purpose of taking a shot) 1.1 Continuity record-clapperboard/slate.(To keep details records of continuity) 1.2 Documentary film.(Techniques of different styles of documentary film making.)	15
Group-B		
	Editing	
Module 2	2.0 Shot to shot transition.(Analyse the different juxtaposition of shots) 2.1 Basic techniques of building a scene.(Continuity, matching, overlapping) 2.2 Pace & Time.(Analyse the techniques of pace& time manipulation during editing) 2.3 Rough cut.(To make the primary edit following the script	30

	sequentially) 2.4 Final Cut (To make the final cut after re-viewing the rough cut. 3.0 Dub matching and track laying.(To prepare for re- recording and optical effects.) 3.1 Married Print. (Negative cutting- the last stage production.	
Total		45

EXAMINATION SCHEME

Internal Examination : Marks - 20 Marks on Attendance : 05
End Semester Examination : Marks - 70 Teacher's Assessment : 05

Group	Module	Objective Questions			Total Marks
		To be Set	To be Answered	Marks per Question	
A	1	10	Any Twenty	1	20×1=20
B	2	15			

Group	Module	Subjective Questions			Total Marks
		To be Set	To be Answered	Marks per Question	
A	1	4	Any Five Taking At Least One from Each Group	10	5 ×10 =50
B	2	6			

Text Books

Name of Authors	Title of the Book	
S. Eisenstein	Film sense	
Arthur Night	The liveliest art	
Allen and Gomery	Film history: theoryand practice	
S.E. Browne	Video editing: a post-production	
Reisz and Miller	The technique of film editing.	
Roy. Thompson	Grammar of editing	

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
M O T I ON P I C T U R E P H O T O G R A P H Y - I

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 : 5 Marks
Practical : Workshop		End Semester Examination : 70 Marks
Credit : 3		Teacher's Assessment: 5 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.	
Objectives - 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-Requisite -		
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. iii. Exposure meter; Incident and reflected (one degree spot meter). iv. Exposure control; F-stops and T-stops.	10
Module 6	i. Introduction to various picture negatives available in the market. 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.	10
Total		45

EXAMINATION SCHEME

Internal Examination : Marks - 20 Marks on Attendance : 05
End Semester Examination : Marks - 70 Teacher's Assessment : 05

Group	Module	Objective Questions			Total Marks
		To be Set	To be Answered	Marks per Question	
A	1, 2	9	Any Twenty	1	20×1=20
B	3, 4	6			
C	5, 6	10			

Group	Module	Subjective Questions			Total Marks
		To be Set	To be Answered	Marks per Question	
A	1, 2	2	Any Five Taking At Least One from Each Group	10	5 ×10 =50
B	3, 4	2			
C	5, 6	4			

	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.

S y l l a b u s F o r
Motion Picture Photography -II

Name of the Course : PHOTOGRAPHY Name of the Subject:Motion Picture Photography -II		
Course Code :		Semester: Sixth
Duration: 17 weeks		**Maximum Marks: 100**
Teaching Scheme :		**Examination Scheme :**
Theory : 3 contact Hour/week.		Internal Examination : 20
Tutorial : 1 contact Hour/week		Class Attendance : 05
Practical: Project work 3 contact Hour/Week		End Semester Examination : 70 Marks
Credit : 2		Teacher's Assessment: 05
Aim:		
1.	The students of photography need some platform to express their creative ideas. This course will help the students to plan some creative motion pictures as well as give them some opportunity to apply their technical knowledge gained through all the theoretical and practical subjects on 'Motion photography'.	
Objectives - The student will be able to		
1.	Understand theanatomy of motion picture camera.	
2.	Understand thebasic lab techniques of processing picture negative (B/W).	
3.	Understand thebasic lab techniques of processing picture negative (colour).	
4.	Understand the techniques of motion picture printing.	
Pre-Requisite -		
1.	Basic idea about Photographic field.	
2.	Interest in motion picture photography.	

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

	Content (Name of Topic)	Periods
Group-A		
Module 1	**Anatomy of motion picture camera-** Shutter and shutter angle (camera and projector). (i) Viewfinder: Reflex and off-set (parallax) view finder, beam splitter. (ii) Intermittent motion, pull down and registration mechanism, camera motors. (iii) Threading. (iv) Magazine (dual, co-axial, displacement) feeding and take-up spool, loading and unloading. (v) Gates and ground glasses. (vi) Matte Box, camera supports and other accessories. (vii) Lenses, (prime and zoom), turret, lens mounts. (viii) Angle of view, wide and telephoto lenses and their relationship with movements. Normal lens.	10

Module 2	**Basic lab technique: Processing of picture negative** (i) Black and White: Details: Film structure, spectral sensitivity of B/W film. (Panchromatic, Orthochromatic, Blue Sensitive, Infrared) (ii) Processing equipment (iii) Negative and positive process steps (iv) Mechanical and chemical specification for B/W negative, positive and sound negative processing, time and other factors. (v) Push and pull development. (vi) Preservation of negatives.	10
Group-B		
Module 3	**Colour negative** i. Film structure, process steps. ii. Processing equipment iii. Mechanical and chemical specification of each steps, iv. Time and other factors v. Preservation of negative	5
Module 4	**Motion Picture Printing** (i) Continuous-contact and step contact printer, i. step optical printer and continuous-optical printer. (ii) Wet-gate printing and dry gate printing. (iii)Black and white printing, colour printing. (iv)Additive and subtractive printing. (v) Sound track printing. (vi) Blow-up.	10
Group -C		
Module 5	**Positive film processing (Colour)** i. Grading or timing of picture negative ii. Film structure, process steps. ii. Processing equipments. iii. Mechanical and chemical specifications of each steps iv. Optical sound tract processing. v. Married print.	10
Total		45

EXAMINATION SCHEME

Internal Examination : Marks - 20				Marks on Attendance : 05	
Final Examination : Marks - 70				Teacher's Assessment : 05	
Group	Module	Objective Questions			Total Marks
		To be Set	To be	Marks per	

			Answered	Question	
A	1,2	10	Any Twenty	1	20×1=20
B	3,4	10			
C	5	5			

Group	Module	Subjective Questions			Total Marks
		To be Set	To be Answered	Marks per Question	
A	1,2	3	Any Five Taking At Least One from Each Group	10	5 ×10 =50
B	3,4	3			
C	5	2			

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.

	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	
SMPTE	Control techniques in film processing	
Russel Cambell	Photographic theory of motion picture cameraman	
A.S.C.	American cinematographer's manual: 7th Edn.	
Ed. by Peter Ettedgue.	Cinematography screen craft	

Syllabus For
Videography: II

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 contact Hour/week	Class Attendance : 05
Practical : Workshop	End Semester Examination : 70
Credit : 3	Teacher's Assessment: 05

Aim:	
1.	A student might have good theoretical knowledge in videography,and should know the difference between the video camera and film camera. They should know the different functions of a video camera.
2.	The students should have adequate knowledge in videography, so that they can operate the camera in different situations individually.
Objectives - The student will be able to	
1.	Understand the techniques of image reproduction;
2.	Understand the techniques of Charged Coupled Device
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 Videography.
2.	Knowledge of basic camera hardware & software is also necessary.

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). f. .Effects (visual and audio) ii) TV Transmission	10
Total		45

EXAMINATION SCHEME

Internal Examination : Marks - 20				Marks on Attendance : 05	
Final Examination : Marks - 70				Teacher's Assessment : 05	
Group	Module	Objective Questions			Total Marks
		To be Set	To be Answered	Marks per Question	
A	1,2	10	Any Twenty	1	20×1=20
B	3,4	7			
C	5,6	8			
Group	Module	Subjective Questions			Total Marks
		To be Set	To be Answered	Marks per Question	
A	1,2	3	Any Five Taking At Least One from Each Group	10	5 ×10 =50
B	3,4	3			
C	5,6	2			

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

S y l l a b u s F o r
Professional practice IV (Short Film Production)

Name of the Course : PHOTOGRAPHY Name of the Subject: Professional practice IV (Short Film Production)		
Course Code :		Semester: Sixth
Duration: 15 weeks		**Maximum Marks: 50**
Teaching Scheme :		**Examination Scheme :**
Theory: Nil contact hours/week.		Internal Examination : Nil
Tutorial : Nil contact hour/week		Class Attendance : Nil
Practical : 3 Periods/Week		End Semester Examination : 50 Marks
Credit : 2		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.	
Objectives - 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-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.

S y l l a b u s F o r
Light & Sound in Motion Picture Photography (TH)

Name of the Course : PHOTOGRAPHY Name of the Subject: **Light & Sound in Motion Picture Photography**	
Course Code :	Semester: Sixth
Duration: 15 weeks	**Maximum Marks: 50**
Teaching Scheme :	**Examination Scheme :**
Theory: 2 contact Hours/week.	Internal Examination : 10 Marks
Tutorial : NO contact Hour/week	Class Attendance : 0 Marks
Practical : NIL	End Semester Examination : 35 Marks
Credit : 2	Teacher's Assessment: 5 Marks

Aim:	
1.	Motion picture photography is based on light and sound, so that students should know the basic principle of light & sound.
2.	The students will also understand the knowledge of special shooting techniques based on light & sound..
Objectives - The student will be able to	
1.	Understand the basic principle of light & sound.
2.	Understand the quality and types of light.
3.	Understand the use of reflectors, diffusers, mirrors, skimmers in outdoor photography.
4.	Understand the basic principles of acoustics.
5.	Understand the basic principles of magnetic sound recording.
6.	Understand the technical parameters of dialogue recording.
Pre-Requisite -	
1.	Keen interest in motion picture Photography.

	Content (Name of Topic)	Periods
Group A		
Module 1	Recap : Basic principle of light. (i) Electromagnetic spectrum, visible spectrum. (ii) Behaviour of light falling on an object – absorption, reflection refraction, transmission, diffraction, dispersion, scattering of light, refractive index. (iii) Inverse square law. (iv) Basic principles of colur , CIE diagram , trichromatic theory of vision. 2. (i)Quality of light : Specular, diffused and bounced. (ii) Types of light : Natural day light, Incandescent, (tungsten- halogen, [Tenner (10K), Senior (5K), Junior (2K), Baby (1K), Inkie Multi 10, Multi 20 etc], photoflood), fluorescent, (Kino Flo), Metal Halide enclosed AC arc (HMI) etc. 3. Basic understanding of ratio lighting (key + fill : fill alone) use of back light, kicker and back ground light. How to lit up an indoor situation. Use of light source filters. 4. Use of reflectors, mirrors, skimmers in an outdoor situation	15

Module 2	5. Use of different diffusers (Butter paper, Tissue paper, Gate-way, Acrylic sheets etc.) : Fore ground, mid-ground, back ground Separation to create depth. Golden rule. 6. Introduction to 'source' lighting as the key-concept of 'Realist 'School of cinematography. 7. Composition : Fore ground, mid-ground, back ground separation to create depth. Golden rule. 8. Properties of convex lens as the originating factor of perspective. Control of perspective using different prime lenses. 9. High-key and low-key lighting, manipulation of tone and contrast indoor-outdoor matching. 10. Light as a tool of expression and dramatization.	10
Group B		
	Sound	
Module 3	11. Acoustics : (Sound : reception , reproduction and its listening condition) 12. Sound reproduction techniques: (Basics of sound reproduction) 13. Synchronization: (Matching and mixing of audio with visual.)	8
Module 4	14. Commentary: (Techniques of recording commentary and it's requirements.) 15. Dialogue: (Techniques of recording dialogue.) 16. Music and effects: (Techniques of recording music/effects and their creative use) 17. Re-recording: (Techniques of mixing diff. sound tracks by sound mixer) 18. Digital sound: (Introduction to digital sound and the future)	12
Total		45

EXAMINATION SCHEME

Internal Examination : Marks- 10				Marks on Attendance : 00	
Final Examination : Marks - 35				Teacher's Assessment : 05	
Group	Module	Objective Questions			Total Marks
		To be Set	To be Answered	Marks per Question	
A	1,2	9	Any Ten	1	10×1=10
B	3,4	6			

Group	Module	Subjective Questions			Total Marks
		To be Set	To be Answered	Marks per Question	
A	1,2	4	Any Three Taking At Least One from Each Group	10	3 ×30 =30
B	3,4	2			

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.

	Text Books	
Name of Authors	Title of the Book	
Des Lyver .Focal Press	Video lighting	
Fill and Thornley	Lighting technology	
: Murphy	Complete lighting guide	
Carlson.	Professional lighting hand book	
John Hart.	Lighting for action	
John Watkinson	Art of digital audio	
Alec Nisbett.	The sound studio	
Alec Nisbett	The use of microphones	
Des Lyver	Basics of sound	
John Watkinson	Art of digital audio	
T.Howard	Audio cyclopedia	
Mackenzie	Acoustics	
Glyn Alkin	Sound techniques for video and TV	

Syllabus For
Short Film / Video Production Theory (Elective)

Name of the Course : PHOTOGRAPHY Name of the Subject: **Short Film / Video Production Theory (Elective)**	
Course Code :	Semester: Sixth
Duration: 17 weeks	**Maximum Marks: 100**
Teaching Scheme :	**Examination Scheme :**
Theory: 3 contact Hours/week.	Internal Examination : 20 Marks
Tutorial : 1 contact Hour/week	Class Attendance : 5 Marks
Practical : NIL	End Semester Examination : 70 Marks
Credit : 3	Teacher's Assessment: 5 Marks

Aim:	
1.	The student can choose their individual interest area as an elective subject.
Objectives - The student will be able to	
1.	Understand the necessity of a concept of story.
2.	Understand the story and its cinematic transformation.
3.	Understand the techniques of making non-fiction.
4.	Understand the techniques of target viewer.
5.	Understand the techniques of script writing.
6.	Understand the necessity of planning a production.
Pre-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) 2. Fiction: (Story and its transformation into a film) 3. Non-fiction : Different types and styles of making non-fiction)	10
Module 2	4. Docu-drama : (Transitional areas of fiction and non-fiction.) 5. Target viewer: (For whom a film is made)	10
Group B		
Module 3	6. Script writing: (Techniques of script writing: genres and auteurs.) 7. Script reading: (Comparative study of different genres of film scripts)	10

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

EXAMINATION SCHEME

Internal Examination : Marks - 20 Marks on Attendance : 05
Final Examination : Marks - 70 Teacher's Assessment : 05

Group	Module	Objective Questions			Total Marks
		To be Set	To be Answered	Marks per Question	
A	1,2	10	Any Twenty	1	20×1=20
B	3,4	15			

Group	Module	Subjective Questions			Total Marks
		To be Set	To be Answered	Marks per Question	
A	1,2	4	Any Five Taking At Least One from Each Group	10	5 ×10 =50
B	3,4	4			

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 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	Internal Examination : Nil
Tutorial : Nil	Class Attendance : Nil
Practical : 3 contact Hour/week	End Semester Examination : 100 Marks
Credit : 3	Teacher's Assessment: Nil
Aim:	
1.	The student will be able to use the different 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.	Understand the techniques of shooting etc.
Pre-Requisite -	
1.	Basic theoretical knowledge of videography.
2.	Able to work with co-worker.

	Content (Name of Topic)	Periods
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. 5. Demonstration and practice with different models of camera, which are being presently used in the industry.	
Total		45

NAME OF THE COURSES	COURSES OFFERED IN	MARKS ALLOTTMENT
VIDEOGRAPHY LAB (PART –A)	Part – III 1ST SEMESTER	**CONTINUOUS INTERNAL ASSESSMENT OF 100 MARKS** IS TO BE CARRIED OUT BY THE TEACHERS THROUGHOUT THE TWO SEMESTERS WHERE MARKS ALLOTTED FOR ASSESSMENT OF SESSIONAL WORK UNDERTAKEN IN EACH SEMESTER IS 50. **DISTRIBUTION OF MARKS FOR EACH SEMESTER : PERFORMANCE OF JOB – 35;**

VIDEOGRAPHY LAB (PART – B)	Part – III 2ND SEMESTER	**LABORATORY NOTEBOOK – 15.** **EXTERNAL ASSESSMENT OF 100 MARKS** SHALL BE HELD AT THE END OF THE PART II SECOND SEMESTER ON THE ENTIRE SYLLABI OF INDOOR & OUTDOOR STILL PHOTOGRAPHY LAB (PARTS – A & B). ONE JOB PER STUDENT FROM ANY ONE OF THE JOBS DONE IS TO BE PERFORMED. JOB IS TO BE SET BY LOTTERY SYSTEM. **DISTRIBUTION OF MARKS : DIALOGUE EXERCISE – 40; ON SPOT JOB – 40; VIVA-VOCE – 20.**

Syllabus For
FLIMING AND EDITING TECHNIQUE LAB –I

Name of the Course : PHOTOGRAPHY **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	Internal Examination : 0 Marks
Tutorial : Nil	Class Attendance : Marks
Practical : 3 contact hour/Week	End Semester Examination : 100 Marks
Credit : 3	Teacher's Assessment: Marks

Aim:	
1.	The student should know the basic concepts of editing.
Objectives - The student will be able to	
1.	Understand the different editing techniques and style.
Pre-Requisite -	
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.**	
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

FLIMING AND EDITING TECHNIQUE LAB-II

Name of the Course : PHOTOGRAPHY **Name of the Subject: FLIMING AND EDITING TECHNIQUE LAB-II**	
Course Code :	Semester: Sixth
Duration: 17 weeks	**Maximum Marks: 100**
Teaching Scheme :	**Examination Scheme :**
Theory: Nil	Internal Examination : 0 Marks
Tutorial : Nil	Class Attendance : 0 Marks
Practical : 4 contact Hour/Week	End Semester Examination : 100 Marks
Credit : 2	Teacher's Assessment: 0 Marks

Aim:	
1.	The student should know the basic concepts of editing.
Objectives - The student will be able to	
1.	Understand the different editing techniques and style.
Pre-Requisite -	
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	**1. Demonstrations of different edit equipment and its facilities.** **2.To set-up and operate edit equipment.** **3.Edit on assemble mode;(silent -rush and with sound)** **4.Edit on insert mode.** **5. Laying and mixing of sound tracks.** **6.Edit a dialogue exercise;(rough-cut and final cut)** **7.To insert titles.**	
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

Motion picture photography Lab-I

Name of the Course : PHOTOGRAPHY **Name of the Subject: Motion picture photography Lab-I**	
Course Code :	Semester: Fifth
Duration: 17 weeks	**Maximum Marks: 100**
Teaching Scheme :	**Examination Scheme :**
Theory: Nil	Internal Examination : 0 Marks
Tutorial : Nil	Class Attendance : 0 Marks
Practical : 3 contact Hour/Week	End Semester Examination : 100 Marks
Credit : 3	Teacher's Assessment: 0 Marks

Aim:	
1.	The student should know the handling of different movie cameras and its accessories.
Objectives - The student will be able to	
1.	Understand the hands on experiences on practical fields.
Pre-Requisite -	
1.	Basic knowledge of camera operation.
2.	Interest in cinematography.

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

Content (Name of Topic)		**Periods**
Module 1	**1. Placement of three- point light: key, fill-in, and backlight. Placement of background light, kicker, wash etc.** **2. Introduction to ratio light : key + fill : fill alone** **How to produce rim light, half-light, silhouette effect etc.** **Use of cutters, diffuser, reflectors, dimmers to produce effect light.** **3. Use of 18% grey card, introduction to zone system.** **4. Basic continuity; screen direction, movement, eye line match etc.** **5. To shoot a typical dialogue sequence ; master shot / two shot - OTS - POV** **(Close up), a typical five shot continuity demonstrating imaginary line.** **6. Demonstration of incident and reflected light meter .(spot meter)** **Familiarization with different measuring unit like- foot candle, EV, F/no, lux, and foot lambert.** **7. Term ending project: sound slide production to illustrate a fictional situation** **within fifteen slides.**	
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

Motion picture photography Lab-II

Name of the Course : PHOTOGRAPHY **Name of the Subject: Motion picture photography Lab-II**		
Course Code :		Semester: Fifth
Duration: 17 weeks		**Maximum Marks: 100**
Teaching Scheme :		**Examination Scheme :**
Theory: Nil		Internal Examination : 0 Marks
Tutorial : Nil		Class Attendance : 0 Marks
Practical : 3 contact Hour/Week		End Semester Examination : 100 Marks
Credit : 3		Teacher's Assessment: 0 Marks
Aim:		
1.	The student should know the handling of different movie cameras and its accessories.	
Objectives - The student will be able to		
1.	Understand the hands on experiences on practical fields.	
Pre-Requisite :-		
1.	Basic knowledge of camera operation.	
2.	Interest in cinematography.	

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

Content (Name of Topic)		**Periods**
Module 1	1. Useof different camera filters for B/W and color cinematography. 2. Useof different light source filters. 3. Use of different prime lenses and their relation to movements within a frame 4. Different camera movements: pan, tilt, track, trolley. Difference of track in /out with zoom in/out considering perspective. 5. Exposure latitude test. Personal ASA test using 18% grey card. 6. Handling motion picture camera and other accessories. Magazine loading and unloading. Threading. 7. Focuspulling, focus shifting, depth of field calculation before taking a shot. 8. Visit to a film studio and film laboratory for hands on experience. 9. Shooting a short silent fiction film.	
Total		45

C O

C O U R S E & E X A M I N A T I O N S C H E D U L E

NAME OF THE COURSES	**COURSES OFFERED IN**	**MARKS ALLOTTMENT**
Motion picture photography LAB (PART – A)	Part – III 1ST SEMESTER	**Continuous Internal Assessment of 50 marks** is to be carried out by the teachers throughout the two semesters where marks allotted for assessment of sessional work undertaken in each semester is 25. **Distribution of Marks for Each Semester : Performance of Job – 17; Laboratory Notebook – 8.** **External Assessment of 50 marks** shall be held at the end of the Part II Second Semester on the entire syllabi of indoor & outdoor still photography lab (Parts – A & B). One job per student from any one of the jobs done is to be performed. Job is to be set by lottery system. **Distribution of Marks : SILENT FICTION – 20; On Spot Job – 20; Viva-Voce – 10.**
Motion picture photography LAB (PART – B)	Part – III 2ND SEMESTER	

S y l l a b u s F o r

Professional practice III (Video Production)

Name of the Course : PHOTOGRAPHY Name of the Subject: Professional practice III (Video Production)	
Course Code :	Semester: Fifth
Duration: 15 weeks	**Maximum Marks: 50**
Teaching Scheme :	**Examination Scheme :**
Theory: Nil contact hours/week.	Internal Examination : Nil
Tutorial : Nil contact hour/week	Class Attendance : Nil
Practical : 3 Periods/Week	End Semester Examination : 50 Marks
Credit : 2	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.
Objectives - 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-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 Video. 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

Multimedia and Animation-II

Name of the Course : PHOTOGRAPHY Name of the Subject: Multimedia and Animation-II		
Course Code :		Semester: Fifth
Duration: 15 weeks		**Maximum Marks: 100**
Teaching Scheme :		**Examination Scheme :**
Theory:3 contact hours/week.		Internal Examination : 20 Marks
Tutorial : Nil contact hour/week		Class Attendance : 5 Marks
Practical : Multimedia & Animation-II Lab		End Semester Examination : 70 Marks
Credit : 3		Teacher's Assessment: 5 Marks
Aim:		
1.	To develop the knowledge & skill in Multimedia Audio & Video Technology	
2.	Students will understand the knowhow and can function either as an entrepreneur or can take up jobs in the multimedia, Web site development studio, video studios, post production and edit set-up of film industry.	
Objectives - The student will be able to		
1.	Role of sound component in multimedia, Basics of acoustics	
2.	Concept of digital sound, its generation and sound editing software	
3.	Sound recording and playing	
4.	Utility of motion video component in multimedia	
5.	Basics of Motion Video, Concept of motion video technology	
6.	Video Capture, concept of digital videoand editing	
7.	The concept, importance and use of script, flowchart and storyboard in multimedia.	
8.	Concept of Multimedia Authoring for development of multimedia product.	
9.	CD-ROM & DVD Technology & Production	
Pre-Requisite -		
1.	Basicknowledge in sound & videoshould be known	
2.	Knowledge of basic Computer hardware & softwareis also necessary.	
3.	Idea of developing Text, Image & Animation component for Interactive application.	

CONTACT PERIODS: 45(15 WEEKS), INTERNAL ASSESSMENT: 2 WEEKS, TOTAL PERIODS: 45

Content (Name of Topic)		**Periods**	
Group - A			
Module 1	**Audio Component In Multimedia**		
	Sound, Ultrasonic, Infrasonic, Audible range Generation of Sound , Basics of Acoustics- Amplitude, Period, Frequency , Dynamic Range Of Audible Sound, Sound Storage, Digital Representation Of Sound ,PCM Conversion technique, sampling rate, resolution and quality of digital sound, sound file format , Digital audio and MIDI(Wav, Midi etc.), Basics of sound recording, file size calculation, , Hardware Requirements(Sound blaster card,	12	

	Speakers, Microphones etc.), Types of CD & CD Driver), Audio Compression & Decompression, Sound editing software, Recording of Audio, Mixing & Editing(working with **Sound Editing software**).		
Group - B			
Module 2	**Motion Video In Multimedia**		
	Importance of video in multimedia ,principles & basics of motion video, How video works, Broadcast video standard, Frame rate, sources of motion picture, play video on PC, Motion Video Technology &its hardware requirements (Videoblaster card, Video Camera etc), Digital video- Raster scan, field, frame,Aspect ratio, video compression, Basics of video capture(Digitizing of Still/ Motion pictures), File Formats(AVI, MPEG etc.),Conversion from AVI to MPEG, Video Compression & Decompression, Motion Video Editing(working with **Video Editing Software**)	15	
Group - C			
Module 3	**Concept of Creating Script, Flowchart & Storyboards**		
	Script, Flowchart & Storyboardsand their uses in multimedia.	6	
Module 4	**Multimedia Authoring**		
	Its definition & functions, Authoring Metaphor, Introduction to Authoring Software: a) **Based on Book Metaphor**, b) **Based on Time Line Metaphor.**	9	
Group - D			
Module 5	**CD-ROM& DVD Technology& Production**		
	CD & DVD Technology, Formats & Standards, CD-ROM& DVD production process & CD/DVD writing.	3	
	Total	45	

EXAMINATION SCHEME

Internal Examination : Marks - 20 Marks on Attendance : 05
Final Examination : Marks - 70 Teacher's Assessment : 05

Group	Module	Objective Questions			Total Marks
		To be Set	To be Answered	Marks per Question	
A	1	6	Any Twenty	1	20×1=20
B	2	6			
C	3,4	4			
D	5	4			

Group	Module	Subjective Questions			Total Marks
		To be Set	To be Answered	Marks per Question	
A	1	2	Any Five TakingAt Least One from Each Group	10	5 ×10 =50
B	2	3			
C	3,4	2			
D	5	2			

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.

Text Books		
Name of Authors	Title of the Book	Publisher
Jose Lozano	Multimedia – Sound & Video	Prentice Hall,1998
John Villamil-Casanova, Louis Molina	Multimedia – An Introduction	Prentice Hall,1995
Gokul. S	Multimedia Magic	BPB Publication, 1995
Tay Baughan	Multimedia making it work	Tata Mcgraw-H
Reference Books		
Judith Jeffcoate	Multimedia in Practice - Technology & Applications	Prentice Hall,1995
AndressHolzinser	Multimedia Basics,Vol-II	Willey India
Norman Desmorais	Multimedia on the PC	McGraw Hill Inc, 1994
Linda Tway	Multimedia in Actions	AP Professional, 1995
Douglas E. Wolfgram	Creating Multimedia Presentations	QUE Corporation, 1994
Francis Botto	PC Multimedia -An Introduction to Authoring Application	BPB Publication

Syllabus for: Multimedia & Animation-II Lab

Name of the Course: Diploma in Photography.

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:	**Examination Scheme:**
Theory : Nil hrs./week	***Continuous Internal Assessment Marks:50***
Tutorial : Nil hrs./week	Attendance-10,Lab Notebook-15,Regular Performance-25
Practical: 3 hrs./week	***External Assessment Marks:50***
Credit :3	Sessional Works -20,On spot Job-20,Viva Voce-10

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

Objective: Student will able to

Sl. No	
1	Generation of Audio & Its editing with sound editing software
2	Be acquainted Video Capturing
3	Be acquainted withVideo Editing with video editing software
4	Script preparation
5	Practicing Authoring work by using different Authoring software.
6	Practicing Project on Multimedia Application.
7	CD/DVD Writing.

Pre-Requisite: 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 Interactive application.

Contents: Total Periods: 45(15Weeks)+2Weeks(*Internal Assessment)* = 45(17 Weeks)		Hrs./Unit	Marks
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	**Video Editing**		

	Getting Started with Adobe Premiere Pro video editing software -The Project Panel,The Timeline Panel, The Editing 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.	09 periods	
Module : 4	**Preparation of Script& Storyboard**		
	Practicing script writing and preparation of storyboard for developing Interactive application.	03 periods	
Module : 5	**Multimedia Authoring**		
	Introduction to Authoring Software: a)Asymetric**Toolbook II Instructor,** b) **Macromedia Director** , Integration & interface to Text, Image,Audio,Video & Animation created previously.	06 periods	
Module : 6	**Preparation of a project to develop the multimedia application**	12& periods	
	Project conceptualization,Design and Development		
Module : 7	**CD&DVDproduction and replication process**	06 periods	
	PracticingCD/DVDwriting ,&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
Norman Desmorais	Multimedia on the PC	McGraw Hill Inc, 1994
Reference Books		
Linda Tway	Multimedia in Actions	AP Professional, 1995
Douglas E. Wolfgram	Creating Multimedia Presentations	QUE Corporation, 1994
Jessica Keys	The McGraw-Hill Multimedia Handbook	McGraw-Hill Inc., 1994
Francis Botto	PC Multimedia – An Introduction to Authoring Application	BPB Publication
Gokul. S	Multimedia Magic	BPB Publication, 1995
Sinclair	Multimedia on the PC	
SI. No. Question Paper setting tips		