

MV-H-301	Video for Communication
Unit 1	VIDEO <ul style="list-style-type: none"> • History and development of the moving picture and video • Basic principles (formation of picture) • Usages • Video format vrs Film formats • High definition video
Unit 2	VIDEO CAMERAS <ul style="list-style-type: none"> • History of cameras • Types, designs- imaging devices • Working of a camera • Video cameras vrs Film cameras • Studio cameras, ENG cameras, EFP cameras and dock cameras • Shooting with DSLR's
Unit 3	VIDEO RECORDING <ul style="list-style-type: none"> • VTR/VCR history and development • Head, scan, wrap, accessories- broadcast colour standards • Composite and component video • VIDEO TAPES: Formats , history and development- New trends: tapeless storage • Video connectors and connections • Acquisition and Transmission processes in CCTV and Broadcast • Digital Video- Video Streaming
Unit 4	VISUAL GRAMMAR FOR VIDEO <ul style="list-style-type: none"> • Shot Sizes • Rules of composition • Camera movements • The 180 degree axis • Lights for video • Continuity (visual grammar: lights, color, action, etc)
Unit 5	VIDEO EDITING PROCEDURES <ul style="list-style-type: none"> • Types of editing • Editing Preliminaries • Non-Linear editing (Adobe Premiere) • continuity (editing)
Text Books	<ol style="list-style-type: none"> 1. J.F Robinson,Beards, P.H., <i>Using Video Tape</i>, Focal, London, 1979 2. Maini. A.K., <i>Colour TV & Video Technology</i>, CBS, New Delhi, 1987
Other readings	<ol style="list-style-type: none"> 1. <i>The Focal Encyclopediadia of Film & TV Techniques</i>, Focal, London, 1978 2. Ken Rackson, <i>Newness Book of Creative Video</i>, Butterworth, London, 1985 3. David Owen, Mark Dunton, <i>The Complete Handbook of Video</i> ,

Penguin, London, 1983

4. Alexander Schure, *Basic TV*, Hayden, London, 1982
5. Harry Kybett, *The Complete Handbook of VCR*, Tab, Blue Ridge, 1977
6. Appakutty.V., *The Satellite TV handbook*, BPB, New Delhi, 1986
7. Robert Musberger, *Single Camera Video Production*, Focal London, 1997
8. Clifford Martin, *The Complete Guide to Video*, BPB, New Delhi, 1985
9. Berry Fox, Richards Maybury, Tim Smith, *Video Pocket Guide*, Octopus, London, 1983
10. Arch Luther, C., *Using Digital Video*, Academic, London, 1995

Maximum Marks for semester end exams.	100 which is divided into: <ul style="list-style-type: none"> • Part A : Theory =50 • Part B: Practical =25 • Part C: Internal Assessment=25
Theory Exam	Max mark :50 <ul style="list-style-type: none"> • Total no of Questions five (5) • These are to be marked 10 each
Compulsory question for theory exams	<ul style="list-style-type: none"> • This will be Q.No 1. • It will consist of 5 short answer type questions of 2 marks each. For framing this question, any topic from any unit can be selected.
Setting of other Questions for theory exams	Q.No.2 is to be set from Unit I, Q.No.3 from Unit II, Q.No.4 from Unit III, Q.No.5 from Unit IV or / and V
Distribution of marks in these questions	A question should be either a full-length question of 10 marks or 2 questions of 5marks each.
Availability of choice to students	Within a unit, the paper setter must ensure internal choice for each question (except in Question No. 1).
Practical Exams	Max Mark : 25 <ul style="list-style-type: none"> • The practical exam will be conducted during the semester end exams where a question paper will be prepared to test the practical application of the theoretical knowledge acquired by the students during the course of the semester. A pool of 10 to 15 questions will be set for the students where each student has to answer one question each (to be chosen by lot). This will be out of 15 • A viva of 10 marks to be conducted by the external examiner.
Internal Assessment	Max mark:25 <ul style="list-style-type: none"> • This component comprises of not less than 3 class tests, Seminars, class presentation etc to be completed and assessed continuously through the session. • During the course of the semester the students will have to complete the following exercises: <ol style="list-style-type: none"> a. Instructional video on Lighting a. Instructional video on shot sizes, continuity (shooting with DSLR) b. In Camera Edit c. Adobe Premiere exercises (transitions, effects, color correction, audio) <ol style="list-style-type: none"> a. 60 secs advertisements b. 5 mins Short film <p>Students are required to keep a portfolio of all the internal work that they do throughout the course of the semester which will be daily checked and marked by the internal examiner.</p>

MV-H-302	Photography
Unit 1	Introduction to Photography 1. What is photography? 2. Brief History of photography. 3. How Camera works? 4. The role & importance of photography. 5. Principles of Camera Obscura
Unit 2	Camera 1. What is Camera? 2. Basic Parts of single lens reflex (SLR) [film & digital] : i. Lens ii. Film Chamber (CCD & CMOS) iii. Aperture iv. Shutter v. View finder vi. Pentaprism vii. Memory (Internal & External) 3. Camera formats – 35mm, medium format, large format 4. Camera design & its working – simple camera, compact camera, view camera, range finder & reflex camera TLR, SLR, POLOROID, DIGITAL CAMERA
Unit 3	Camera Lenses and Accessories 1. Lenses – controlling the image i. Photographic lenses – prime & zoom lens, angle of view (Narrow & Wide Angle Lens) ii. Aperture, Focal No. & Focal Length iii. Depth of focus, Depth of Field and How they work iv. Lens care 2. Lens perspective, film speed, flash gun, light meter 3. Exposure i. Measurement of light – exposure metering system ii. Exposure control – relationship between shutter speed and aperture 4. Camera accessories: Tripod, monopod, filters, lens hoods
Unit 4	Lighting And Genres of Photography 1. Lighting i. Sources of light : Natural & Artificial ii. Nature and physical properties of light iii. Direction & angle of light : Front, side, top & back iv. Lighting contrast and its control by fill in lights v. One, two & three point lighting : Key, fill and back light 2. Principles of Photographic composition 3. Various types of photography: Fashion, Wildlife, Nature, Food, Sports, Photo Journalism, Advertising and Night photography
Unit 5	Printing of Photograph 1. Steps involved in printing of digital photographs : manipulation, choice of paper and choice of printers 2. Converting developed photograph into digital photograph 3. Photo appreciation 4. Different problems related to Photography.
Text Books	1. Jaya Kumar John D, <i>Principles of photography</i> , SAC DShillong, 2003 2. Kuber Aditya (ed), <i>Fast Track to Digital Photography</i> , Jasubhai digital,

	Mumbai, 2005
Other readings	<ol style="list-style-type: none"> 1. O.P. Sharma Practical Photography, Hind Pocket Books 2. Michael Langford Basic Photography, Focal Press 3. James A. Folts Ronald P. Lovell Handbook of Photography, 4. Fred C. Zwahlen, Jr. Delmal Thomsan learning 5. 4. Lee Frost Photography, Hodder Headline

Course Code: MV-H-302
Instructions for Paper Setter/Moderator

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Internal Assessment	Max mark:25 <ul style="list-style-type: none"> This component comprises of not less than 3 class tests, Seminars, class presentation etc to be completed and assessed continuously through the session. In addition the students will have to complete the following: <p>Outdoor Shoot:</p> <ul style="list-style-type: none"> Using Digital SLR and Mobile camera/developing an idea and practice Making a Photo feature on a specific topic by using self clicked photographs from Digital Camera Photographs should be of postcard size. A photo feature must of comprise 10 – 12 photographs. <p>Studio Photo Shoot:</p> <ul style="list-style-type: none"> Shooting exercise in artificial lights. Use of software for modification of picture Editing of captured images with the help of Photoshop <p>Students are required to keep a portfolio of all the internal work that they do throughout the course of the semester which will be daily checked and marked by the internal examiner.</p>