

PHOTOGRAPHY

(Syllabus)

Unit I: Introduction to Photography and Videography

A brief of photography: From B/W photography to Color photography.

Still cameras and its evolution: Camera Obscura to Digital cameras(Pin-hole, SLR, TLR, DSLR etc.)

Video Cameras : Origin and growth of video cameras and its formats-Umatic, Betacam, DigiBeta, DVC Pro etc

Unit II: Types of Photography and Video production

Photography : Sports, photo Journalism, portrait, environment, aerial, wildlife, landscape etc.

TV Formats : Short Films, Documentary, Serial-making, News Bulletins, Advt Production etc

Video Production : Pre-production, Production and Post Production Stages

Unit III Camera Parts, accessories and Video Techniques

Camera Body: Image Sensor ISO, Shutter Speed

Aperture : f-stop and T-stop, Depth of Field

Lenses : Types: (Normal, Wide Angle, Telephoto, Macro lense etc), Angle of view, Focal Length etc.

Equipments : Lenses, Tripods, Monopods, Dolly etc

Video Techniques : Aspect Ratio, Frame rates etc.

Unit IV: Lighting

Primary and Secondary Colors : RGB, CMYK

Different types of Light : Natural Light and Artificial Light, Hard Light, Soft Light,

Directional Light, Three-point Light Technique : Filters and Use of Flash : White Balance, Color Temperature and Color Correction.

Unit V: Composition and Camera Movements

Head Room, Looking Rooms. Law of Third, eyeline etc

Shots: Long Shot, Wide Shot, Mid-shot, Close Up etc

Camera Angle: High Angle, Eye-level, Low Angle etc

Camera Movements : Zoom In, Zoom Out, Track in, Track out, Tilting, Panning etc

Unit VI: Digital Photography and Editing

Basics of Digital Photography, Image Format, Storage Devices, Pixels and Digital Editing

Brightness, Contrast, Mid tones, Color Tones and Highlights etc

Photo editing software : Basics of Adobe Photoshop

Video Editing Software : Basics of Adobe Premier Pro

