

SYLLABUS

5th SEMESTER

CINEMATOGRAPHY

SP. PAPER-1

ELEMENTS OF CINEMATOGRAPHY

Credits: 3

L	T	P
3	0	10

1. Introduction to Cinema

A visual medium: Visual language refers to how imagery is used to convey story idea or meaning, Communication through images,

Cinematography: The art of visual storytelling through motion picture photography, Creating a visual world for the characters to inhabit, difference between cinematography and photography

Elements of Cinematography: Lenses, Camera angles, Composition, Lighting, Color grading, Art direction, Set- design, Costuming, Makeup, Texture.

2. The Lens

Camera lenses: Prime lenses, Zoom lens; focal length, sharp focus and circle of confusion, Depth of field

Covering power of a lens, perspective of lenses of different focal length, How various lenses render images in different ways, Use of lens, Compression and expansion of space

Focus, Deep focus, Shallow focus, Depth of focus, Difference between depth of field and depth of focus

3. Exposure Control

Meaning of exposure, ways of controlling exposure: the iris, f-stop, time of Exposure, shutter speed, frames per sec (FPS), Sensitivity of the sensor, ISO

Auto exposure, Exposure meter, correct exposure: exposure for the brightest light, exposure for the whole frame, Controlling exposure in post-production

Perception of brightness and contrast

4. Camera angle and Shots

Camera angle: Position of camera in relation to the subject: High, low and eye Level

Camera Shots: Distance between the camera and the subjects; Close-up, Medium and long shots, Extreme long shot

Framing: the way a shot is composed; Rule of thirds, Symmetry, Depth of field

5. Camera mounting and movement

Camera mounting: Camera head and Fluid head. Tripod, High hat, Hand held shot, Gimbal and Steadicam shots

Camera movement: Pan and Tilt movement (resembles our neck movement), Dolly: move-in and move-out, Zoom, Difference between Zoom and a Dolly shot, Tracking shot , Pedestal, Mini-jib, Cine-jib and Jimi-jib

Drone filming: a dynamic type of areal filming, reduced cost as compared to helicopters, can capture new perspectives, filming in small or confined space where helicopters can't access.
