



CLUSTER UNIVERSITY SRINAGAR

UG- 4th Semester (NEP)

Subject: Journalism and Mass Communication

Course Title: CAMERA BASICS & LIGHTING (CT-02)

Course Code: UGJOR22J402

Total credits: 06

(Theory: 04 Tutorial/Practical: 02)

Objective:

To apprise students about the basic techniques of camera and lighting

Learning Outcomes:

- Students would learn importance of photography and importance of photojournalism.
- The course will prepare a photo journalist who can tomorrow be self-employed as well

Unit- I	Understanding Camera
	a) Introduction to Camera b) Camera body and components c) Camera and Human Eye, Camera Lens: types, Lens filters & lens care d) Types of cameras: DSLR, Film, Mirror less, Compact, Bridge, Smartphone
Unit- II	Technicalities of camera
	a) Basics of filming: Focusing, Aperture, Shutter speed, Exposure, Depth of Field b) Composition rules; foreground, background, headroom, looking space, tight and loose framing; line, mass, tone, unity, balancing c) Shots and framing d) Camera movements
Unit- III	Importance of lighting
	a) Understanding Light: Natural white light and artificial lights b) Basic Principles of Lighting: Hard & soft light, light direction, Shadows and Highlights c) Color temperature, Color compensation, Light meter d) Lighting Techniques: Three-point lighting, high key and low-key lighting
Unit- IV	Basics of Photojournalism
	a) History & Evolution b) Elements of Visual storytelling c) Principles of Photojournalism d) Ethics of Photojournalism
Tutorials/Practicals	
Unit- V	a) Editing pictures using editing techniques like cropping, enlarging & reducing etc b) Color composition
Unit- VI	a) Work on Photo stories and photo essay.

Suggested readings:

- Jackman, John. Lighting for Digital Video and Television 2010.
- Learning To See Creatively: Design, Color & Composition in Photography
- Understanding Exposure by Bryan Petersen
- Millerson, Gerald. Video Camera Techniques, Focal Press, London.