

## **SEMESTER IV**

Subject :Print Production And Photography

Paper: III

Objectives: To help students understand the principles and practice of photography. To enable students to enjoy photography as an art.

### **Photography**

Basic Photography:

1. History of Photography
2. Loading the film and shooting
3. Operation of a film camera
4. Care and maintenance of camera equipment

Basic Principles:

1. Properties of light, reflection, transmission, refraction, Different type of light sources and their sources and properties, controlling light, Types of light, forms of light.
2. Types of Cameras, virtual image formation, Lens (various types of lenses) – Wide Angle, Tele, Normal, Zoom)
3. Photosensitive material, Celluloid, Film & ISO, Types of film, Colour film – C41 process.

Exposure:

1. Mechanism of aperture, shutter, ISO.
2. Correct exposure.

Concepts of composition

Digital Capture

Various types of Digital Capture and Image.

Total sessions: 35 of 50 minutes each.

### **Print Production**

Major landmarks in history and development of ‘print technology’

Basic print: processes, contact, projection, composition, inprinter, special effect printer.

Print machines and image carriers

+ Letterpress, offset, silkscreen, digital print

DTP

Future trends in print technology

Awareness of Photo-editing softwares (Possibilities and Limitations)

Softwares:

Adobe Photoshop, Adobe Lightroom, Colour Correction, Processing, High Dynamic Range, Illustrator.

**Internal Assessment** :Group Project / Individual project / Book review, Class test, Casestudy, Presentation, Powerpoint, Audio-Visual presentation, Oral presentation

**Total sessions: 13 of 50 minutes each.**

**References:**

1. Mitchell Beazley – The Art of Colour Photography – Octopus Publishing Group Ltd.
2. John Hedgecoe – John Hedgecoe’s Creative Photography – Collins and Brown
3. M. Beazley- John Hedgecoe’s Workbook of Darkroom Techniques – Red International Books Ltd.
4. Steve Bavister – Digital Photography – Collin’s & Brown Ltd 2000
5. John Hedgecoe – John Hedgecoe’s Basic Photography – Collins and Brown