

ELECTIVE IV – PHOTOGRAPHY

Unit 1

Introduction to Photography, Characteristics of light, Camera – structure and function of camera, Exposure – focusing, aperture, shutter speed, Depth of field

Unit 2

Types of camera, Lens and its function, types of lenses and their use, Characteristics of lens, lens speed, covering power and other features.

Unit 3

Lighting techniques, kinds of light indoor and outdoor – Electronic flash and artificial lights, Light meters, Different kinds of filter for B& W and colour photography

Unit 4

Films, film speed and types of film, Papers - kinds of paper, developing and printing. Accessories used in photography.

Unit 5

Digital photography, optical system, power system, memory storage, resolution; understanding exposure and controls, Flash and lighting, Transferring image to PC, file formats, managing digital pictures.

Books for Reference:

1. Julian Calder, John Garrett, the 35 mm Photographer's Handbook, Marshall Editions Limited, London, 1999
2. Alain Solomon, Advertising Photography, American Photographic Publishing and Imprint of Watson Guptill Publication, New York, 1987.
3. Dave Johnson, How to do everything with your Digital Camera, Tata McGrawHill, Hew Delhi, 2001.