

DISCIPLINE SPECIFIC ELECTIVE COURSE 5–(DSE-5): Photography and Digital Imaging

Credit distribution, Eligibility and Pre-requisites of the Course

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course
		Lecture	Tutorial	Practical/ Practice		
DSE-5 Photography and Digital Imaging	4	3	0	1	Passed Class XII with English	NIL

Learning Objectives

The Learning Objectives of this course are as follows:

- To familiarize students with the history of photography and
- To enable students to understand diverse types of photography and the process of photo editing.

Learning outcomes

The Learning Outcomes of this course are as follows:

- By studying this course, students will be able to utilize the technology and tools of photography in the production of photographic images to include: the operation of the camera, exposure, lenses etc.

SYLLABUS OF DSE-5:

UNIT – I (15 hours)

UNIT I: History of Photography

- Introduction to history of Photography- Camera obscura, the daguerreotype and Edward Muybridge experiment (Screening of Genius of Photography, BBC Four Series)

- Profile of Famous photographers (Henri Cartier Bresson, Robert Capa, Dorothea, Raja Deen Dayal, Raghubir Singh, Raghu Rai, Homai Vyrawalla)

UNIT – II (15 hours)

UNIT II: Understanding the camera

- Introduction to 35mm analog and DSLR operations
- Understanding lenses (standard and zoom) and how perspective shifts with varying focal lengths.
- Exposure Triangle
- Basic rules of composition, framing and rule of the third.

UNIT – III (15 hours)

UNIT III: Types of Photography & Photo Editing

- Photojournalism, News Photography, Sports Photography, Nature photography, Portrait photography, Travel photography, Fashion photography and advertisement photography
- Introduction to editing and post-processing images;
- Photo Editing softwares - Adobe Lightroom or Photoshop.

Practical component: (30 hours)

- Students will make a photo feature on selected topics. Other methods will include lectures, class exercises of following photographs used by various social media and new paper and class discussions on mobile photography trends, as well as other significant debates on topical issues. The students should make photo features on a variety of topics.

Essential/recommended readings- as listed in the units

1. *Photography Changes Everything*, Marvin Heiferman, by Aperture Foundation, 2012
2. *Camera Lucida: Reflections on Photography*- Roland Barthes, Hill and Wang, 1980
3. *On Photography*, Susan Sontag – New York Review of Books, 1977
4. *Ways of Seeing*, John Berger, Penguin Books, 1972
5. *The Photography Book* by Editors of Phaidon Press, 30 April 2000.

Suggestive readings:

1. *Communication Technology for Development*, Pannu. P, Tomar A Yuki, IK international publishing House .2011
2. *All about Photography* by Ashok Dilwali, National Book trust, Year of Publication:2010 New Delhi.
3. *Practical photography* by O.P. SHARMA HPB/FC (14 March 2003)
4. *The Photographer's Guide to Light* by Freeman John Collins & Brown, 2005.

Journal/Magazine Subscriptions and Book Recommendations:

Journals- *Aperture, Photo works, British Journal of Photography, PDN, Amateur Photographer*

Magazines- *Outdoor Photography, Better Photography, National Geographic, Creative Image*

Books, catalogues, DVD materials