

Course Code :
Title of the Course : Wild life Photography
Nature of the Course : Skill Enhancement Course (SEC143)
End Semester : 80 Marks
In Semester : 20 Marks
Total Credits 3

Course Objectives

- To develop an understand of Wildlife and their habitat
- To critically evaluate the photographic processes for nature and wildlife, within the larger context of biodiversity documentation
- To understand conservation photography and challenges of wildlife photography
- To understand the importance of composition in wildlife photography

Learning Outcomes

- After completion of this course, the students should be able to :
- Opt for wildlife photography as a career option
 - Engage in digital photography and post processing
 - Persue research for effective photographic documentation.

CONTENT

UNIT	TOPIC	Content	L	T	P
1 (10 Marks)	Fundamentals of Photography	A brief history of Photography	3		
		Components of a Photographic camera			
		Principles of Photography			
		Elements of Photography			
		Fundamentals of Lighting			
2 (15 Marks)	Camera Basics	Understanding Exposure, Exposure Triangle, Law of reciprocity, Sunny Rule 16	8	2	2
		Understanding Metering, Types of metering, Different metering modes and their use.			
		How to read the Histogram and its use in the field .			
		Depth of Field and Hyperfocal distance			
		Understanding White Balance and its use.			
		Colour space			
		Different exposure modes and their use			

		DSLR vs Mirrorless cameras			
		Focal length and Lens classification			
		Picture styles and their use.			
		Sensor Size and Dynamic Range.			
		Different image formats. Raw vs Jpeg			
		Focusing, its types and uses in the field			
3 (15 Marks)	Composition in Photography	What is composition, Different rules of composition	8	2	4
		Subject positioning and shot angle			
		Shot Size and its use use in story telling			
		Using design elements in photography viz. lines, curves, shapes			
		Texture and pattern			
4 (20 marks)	Wildlife Photography	What is wildlife photography? Its scope and job opportunities as a wildlife photographer	8	2	4
		Overview of species and habitat diversity			
		Studying wildlife behaviour , predicting or anticipating wildlife action.			
		Knowledge of distribution and behaviour, anticipation of moments, approaching wildlife.			
		Wildlife ecology in North East India			
		Equipment for Wildlife photography			
		Challenges in Wildlife photography			
5 (10 marks)	Photography for Conservation	Role of photography in conservation			
		Storytelling through photography			
		Importance of Biodiversity Conservation.			
6 (10 marks)	Ethics and Intellectual Property Rights	General ethics in photography	3		
		Ethics of wildlife photography			
		Laws related to wildlife photography			
		Intellectual Property Rights			
			30	6	10

MODE OF IN-SEMESTER ASSESSMENT (20 Marks)

1. One Test (10 Marks)

2. Project report on field visit to a reserve/sanctuary for wildlife photography (10 Marks)

KEY READINGS

Langford Michael, Fox Anna and Sawdon Smith Richard. (2010). Langford's Basic Photography - The Guide for Serious Photographers (9th Ed). Focal Press

Ang, Tom (2014). Photography: The Definitive Visual History. London: DK Publishers

Ang, Tom. (2013). Digital Photography Masterclass. London: DK Publishers

Freeman, Michael (2007). The Photographer's eye. London: Focal Press

Davis, Harold and Davis Phyllis. (2011). the Photoshop Darkroom 2. London: Focal Press

Kelby Scott. (2011). Light it, Shoot it, Retouch it. San Fransisco: New Riders

Adobe CreativeTeam (2012). Adobe Photoshop CS6 Classroom in a Book. California: Adobe Press

Grimmett,Richard and Inskipp Tim and Carol.(2011).Birds of the Indian Subcontinent. Oxford Press. Second Edition

National Geographic & Spelman, Lucy H. (2012).National Geographic Animal Encyclopedia.

National Geographic Books.