

GOKUL GLOBAL UNIVERSITY, SIDHPUR			
Programme Code	CPSE	Programme Name	Certificate Programme in Skills enhancement course
Course Code	CP101SE	Semester	I
PHOTOGRAPHY BASICS			
Course type:	SKILL ENHANCMENT COURSE	Total Credit:	02
Teaching time (hours)	Examination Marking scheme		
Theory (Hrs.)	Internal (Marks)	External (Marks)	Total (Marks)
30	25	25	50

Pre-requisite: The students must have core subjects like Biology, Chemistry, Physics and Mathematics in their Higher secondary level

Rationale: The course “Photography Basics” aims at developing basic understanding about history of photography, about types of cameras, its working, different sensors-based camera, different types of lenses, images format and different types of capturing formats etc.....

Objective

The course intends to make the students to observe and describe visual qualities that Characterize the photographic image; solve visual art problems; communicate ideas visually; develop proficiency in handling tools related to the photographic print; interpret the meanings of artistic works in photography; identify historical influences on photography; and investigate the role of the photographer in the community. Overall, the students will improve their picture taking skills by taking photographs and techniques required to understand and operate the camera

Course Outcomes

- To give a basic idea of Evolution of Photography
- To make understand the principles of Photography
- To make aware of Different parts of SLR camera-Creative mode and basic modes in SLR camera
- To give an in-depth knowledge of different Angle of view in photography.
- To give a in depth knowledge about Different types of lenses.
- To understand Different Image capturing formats and camera accessories

Unit	Content	Hours	Weightage
1	Unit 1	15	50%
	History of photography- Pinhole Camera, Camera Obscura, Normal Human Eye and Process of Seeing-Human eye and camera; Camera principles- Compact cameras and SLR's - Working of SLR camera- Different image sensors- CCD and CMOS; Different parts of SLR camera-Creative mode and basic modes in SLR camera-Basic features of SLR camera- Focusing- Aperture-shutter speed-slow and fast shutter speeds, applications of slow and fast shutter speeds, ISO, when to use ISO function.		
2	Unit 2	15	50%
	Angle of view- Different types of lenses-normal lens, wide angle lens, fish eye lens, prime lens, telephoto lens. Depth of Field- Shallow depth of field, large depth of field, Depth of focus – circles of confusion; Different Image capturing formats-RAW, TIFF, JPEG, Storage Devices- SD card CF card, etc. Different camera accessories		

Books:

- ✓ "Understanding Exposure" by Bryan Peterson
- ✓ "The Photographer's Eye: Composition and Design for Better Digital Photos" by Michael Freeman
- ✓ "The Digital Photography Book" series by Scott Kelby

Online Courses:

- ✓ Coursera: Courses like "Photography Basics and Beyond: From Smartphone to DSLR" can be very helpful.
- ✓ Udemy: They offer courses ranging from beginner to advanced levels.
- ✓ LinkedIn Learning (formerly Lynda.com): Many comprehensive courses on photography are available.

YouTube Channels:

- ✓ Peter McKinnon: Offers tutorials on various photography techniques.
- ✓ Mango Street: Focuses on photography tips and creative techniques.
- ✓ B&H Photo Video: Provides tutorials on different aspects of photography.

Websites/Blogs:

- ✓ Digital Photography School: Offers articles, tips, and tutorials for photographers of all levels.
- ✓ Fstoppers: Covers a wide range of photography-related content.

Practice and Community:

- ✓ Join photography forums like Reddit's r/photography or dpreview.com, where you can ask questions and learn from others.
- ✓ Practice regularly! Experiment with different settings on your camera and explore various subjects to photograph.

Camera Manuals and Guides:

- ✓ Don't overlook your camera's manual. Understanding your gear is crucial for mastering photography basics.

Mobile Apps:

- ✓ Apps like VSCO, Snapseed, and Adobe Lightroom Mobile can help you edit and enhance your photos, allowing you to explore different editing techniques.