



Shrimathi Devkunvar Nanalal Bhatt Vaishnav College For Women (Autonomous)

Owned and Managed by Cork Industries Charities Trust
Affiliated to University of Madras - Re-Accredited with 'A+' Grade by NAAC - 4th Cycle

COURSE DATASHEET

SEMESTER	I	BATCH	2026-2029
COURSE NAME	BASIC PHOTOGRAPHY	COURSE CODE	26UVSGE1001
COURSE UNITS		COURSE TYPE	GENERAL ELECTIVE I
CONTACT HOURS (L-T-P)	0-1-3	CREDITS	04
OFFERED BY	Department of Visual Communication	Shift (I) 8.15 a.m-12.50 p.m	I

COURSE OBJECTIVES	
1	To understand the origin and development of photography
2	To learn the basic operation of the camera with special reference to the exposure triangle
3	To get exposed to basic lights and lighting techniques for photography
4	To develop skills in various composing techniques
5	To create a portfolio with different genres of Photography

COURSE OUTCOMES: On completion of the course the students will be able to...		
	CO Statement	Cognitive Level
CO1	Explain the origin and evolution of photography.	K1-Understand
CO2	Operate a camera using the principles of the exposure triangle.	K2-Apply
CO3	Apply basic lighting techniques in photographic practice.	K3-Apply
CO4	Use various composition techniques in photography.	K2-Apply



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CO5	Create a photographic portfolio across multiple genres.	K4/K5- Create
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SYLLABUS

UNIT	TOPICS	HOURS
1	Introduction-Meaning of photography, History of Photography-Black and White days to Digital Photography Processing & Printing -Types of Cameras - Film - Types and Functions	12
2	Basic camera operation techniques, Functions of Aperture-Shutter, ISO, Focus-Exposure Factors affecting exposure: Depth of field-Lens-Types and Functions	12
3	Types of lights -Types of lighting – Controlling lights - Natural and artificial lights - Metering modes, three-point light, Key-Fill, back lighting, and their purpose, judging lights and their reflections, capturing images with texture and pattern	12
4	Composition- Golden rules of Composition- Rule of thirds – Balance, Golden ratio, centering the frame, filling the frame, frame within frame, creating silhouette images	<u>12</u>
5	Digital Photography-File formats-Image quality and Memory cards. Film Scanner – Printers - Special Effects Techniques, Histogram, creating a portfolio	<u>12</u>



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Note(if any)		TOTAL HOURS 60
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TEXT/REFERENCEBOOKS/E- RESOURCES:

TextBooks	1. GustavsonTodd,(2009)Camera:AHistoryofPhotographyfrom Daguerreotype to Digital, Sterling Publishing Co., 2. RaiRaghu,(2016)People:HisFinestPortraits,AlephBookCompany 3. DavidVanderlip(2016)UnderstandingDepthofFieldinDigital Photography, Createspace IndependentPublishing Platform 4. MarkSilvers(2018).TheSecrettoAmazingPhotoComposition, Mango 5. Robert Hirsch & Greg Erf, (2018) Light and Lens: Photography in theDigital Age, Taylor and Francis
BooksFor Reference	1. PetersonBryan(2016)UnderstandingExposure 2. NorthrupTony,(2011)HowtoCreateStunningDigitalPhotography 3. DougHarman,(2014)TheDigitalPhotographyHandbook:AnIllustrated Step-by-Step Guide 4. BarnbaumBruce,(2010)TheArtofPhotography:AnApproachto Personal Expression, Rocky Nook 5. GarrettJohn,(2010)CollinsCompletePhotographyCourse,Collins
E-LearningResources	1. https://www.pinterest.com/sakonnat/architect-plan-idea/ 2. https://www.shapeways.com/marketplace/miniatures/interior-models 3. https://www.archdaily.com/904379/best-materials-for-architectural-models 4. https://www.printablepaper.net/category/storyboard 5. https://boords.com/blog/what-is-a-storyboard#storyboa



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PEDAGOGY (TEACHING METHODOLOGY)

- Lecture (Demo-Easel Board and Brush, pencil-OHP-LCD)

Flipped Learning/Blended Classroom-EContent, Videos, Exercises (group and individual) Field

Visits

CO-POANDCO-PSOMAPPING:										
	PO1	PO2	PO3	PO4	PO5	PO6		PSO1	PSO2	PSO3
CO1	3	2	1	1	1	1		1	1	3
CO2	2	3	3	3	2	2		2	2	2
CO3	2	3	3	3	2	2		3	2	2
CO4	2	3	3	3	2	2		3	2	2
CO5	2	2	3	3	3	3		3	3	2
Average (Useonly filled in cells for calculation)	2.2	2.6	2.6	2.6	2.0	2.0		2.4	2.0	2.2

Key-Strongly correlated -3, Moderately correlated -2, Weakly Correlated -1, No correlation -0

JUSTIFICATION OF CO-PO/PSO MAPPING			
CO	PO/PSO	Level of correlation	Justification
CO1	PO1	3	Provides fundamental knowledge of the history and evolution of photography.
	PO2	2	Develops understanding of the growth and development of photographic technology.
	PO3	1	Introduces basic concepts required for practical photography.
	PO4	1	Creates awareness of photography as a communication medium.
	PO5	1	Familiarizes students with basic photographic tools and technologies.



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	PO6	1	Promotes awareness of ethical and professional practices in photography.
	PSO1	2	Builds foundational knowledge in photography and visual media.
	PSO2	1	Introduces basic visual communication concepts.
	PSO3	1	Provides introductory knowledge for creative media applications.
CO2	PO1	2	Applies fundamental photographic principles in camera operation.
	PO2	3	Develops analytical understanding of exposure settings.
	PO3	3	Enhances practical skills in operating camera equipment.
	PO4	3	Solves exposure-related problems through camera adjustments.
	PO5	2	Uses modern camera technologies effectively.
	PO6	2	Encourages responsible and safe handling of photographic equipment.
	PSO1	3	Develops professional camera handling skills.
	PSO2	2	Applies technical knowledge in image creation.
	PSO3	2	Supports creative execution using camera controls.
CO3	PO1	2	Applies basic principles of photographic lighting.
	PO2	3	Analyzes lighting conditions for effective photography.
	PO3	3	Uses lighting techniques to improve image quality.
	PO4	3	Selects appropriate lighting solutions for different situations.
	PO5	2	Uses lighting equipment efficiently.
	PO6	2	Follows safe practices while working with lighting systems.
	PSO1	3	Develops technical competency in photographic lighting.
	PSO2	3	Enhances creative use of light in visual communication.
	PSO3	2	Supports professional image production.
CO4	PO1	2	Applies principles of photographic composition.
	PO2	3	Analyzes visual elements to improve image composition.
	PO3	3	Creates aesthetically balanced photographs using composition techniques.
	PO4	3	Selects suitable composition methods for different subjects.
	PO5	2	Uses digital tools to refine photographic composition.
	PO6	2	Demonstrates ethical practices while capturing images.
	PSO1	3	Strengthens photographic composition skills.
	PSO2	3	Enhances creativity in visual storytelling.



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	PSO3	2	Supports production of professional-quality photographs.
CO5	PO1	2	Integrates photographic knowledge in portfolio creation.
	PO2	2	Evaluates photographs for selection and presentation.
	PO3	3	Produces a portfolio demonstrating technical and creative skills.
	PO4	3	Organizes and presents photographic work systematically.
	PO5	3	Uses digital editing and presentation tools effectively.
	PO6	3	Demonstrates professionalism, ethics, and responsibility in portfolio development.
	PSO1	3	Demonstrates comprehensive photographic competency.
	PSO2	3	Develops professional-quality visual communication skills.
	PSO3	3	Creates an industry-ready portfolio across multiple photographic genres.

