



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 DATA SHEET

SEMESTER	I	BATCH	2026-2029
COURSENAME	BASIC PHOTOGRAPHY	COURSE CODE	26UVSGE1E01
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 - 12.50p.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/REFERENCE BOOKS/E - RESOURCES:

Text Books	1. Gustavson Todd, (2009) Camera: A History of Photography from Daguerreotype to Digital, Sterling Publishing Co., 2. Rai Raghu,(2016) People: His Finest Portraits, Aleph Book Company 3. David Vanderlip (2016) Understanding Depth of Field in Digital Photography, Create space Independent Publishing Platform 4. Mark Silvers (2018). The Secret to Amazing Photo Composition, Mango 5. Robert Hirsch & Greg Erf, (2018) Light and Lens: Photography in the Digital Age, Taylor and Francis
Books For Reference	1. Peterson Bryan (2016) Understanding Exposure 2. Northrup Tony, (2011) How to Create Stunning Digital Photography 3. Doug Harman, (2014) The Digital Photography Handbook: An Illustrated Step-by-Step Guide 4. Barnbaum Bruce, (2010) The Art of Photography: An Approach to Personal Expression, Rocky Nook 5. Garrett John, (2010) Collins Complete Photography Course, Collins
E-Learning Resources	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-E Content, Videos, Exercises (group and individual)

Field Visits

CO-PO AND CO-PSO MAPPING:										
	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 (Use only 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.

