

Fergusson College (Autonomous), Pune
Proposed First Year Curriculum under NEP 2020
Photography and Audio Visual Production

Teaching and Evaluation (Only for FORMAL education courses)

Course Credits	No. of Hours per Semester Theory/Practical	No. of Hours per Week Theory/Practical	Maximum Marks	CE 40 %	ESE 60%
1	15 / 30	1 / 2	25	10	15
2	30 / 60	2 / 4	50	20	30
3	45 / 90	4 / 6	75	30	45
4	60 / 120	4 / 8	100	40	60

VPH-1021 (GE/OE): Photography I*

SEMESTER I		
VHY-1021	Photography I (OE-1)	Credits: 02 Hours: 30
Course Outcomes (COs) On completion of the course, the students will be able to:		
CO1	Identify the photographic process.	
CO2	Explain the fundamentals of the photographic process.	
CO3	Use the photographic equipment for a given situation.	
CO4	Relate the role of light in a photographic process.	
CO5	Justify the use of photographic equipment for a given photographic assignment.	

Unit No.	Title of Unit and Contents	No. of Lectures
I	<p>1. What is Photography? - Meaning of Photography. - Photography as a Medium.</p> <p>2. Formation of a Digital Image - Digital image (Pixel) - (<i>Colour contents of a digital image</i>) - Technical Qualities of a Photograph (<i>Brightness, Sharpness, Colour, Contrast, Size, Motion Blur</i>)</p> <p>3. History of Photography in Short - Pinhole camera (<i>Basic construction and Diagrams for reference</i>) - Box Camera (<i>Basic construction and Diagrams for reference</i>) - Parallax error - Need for the Invention of a SLR - How SLRs removed the parallax error.</p> <p>4. DSLR (Handling techniques) - DSLR (<i>Definition, diagram and functioning of the various parts of DSLR</i>) - Advantages and Disadvantages of DSLR. - What is an Exposure - Equivalent exposures</p> <p>5. Aesthetics of images Aesthetic qualities of an image (<i>Framing and Composition</i>) - Visual design elements (<i>Subject Attributes</i>) - Composition rules (<i>Rule of thirds, Golden points, Balance, Shapes, Leading Lines etc.</i>)</p> <p>6. Formats and Lenses - Camera Formats (<i>Small, Medium, Large</i>) - What is Perspective? - Lens Defects - Minimizing the distortion</p> <p>7. On camera Flash (Introduction) - What is a Flash?</p>	15

II	<ol style="list-style-type: none"> 1. Camera journey <ul style="list-style-type: none"> - Camera History - Working of Camera 2. SLR/DSLR <ul style="list-style-type: none"> - Camera Handling 3. Exposure Controls <ul style="list-style-type: none"> - Exposure Triangle 4. Aperture <ul style="list-style-type: none"> - Working of Aperture - Depth of Field - Practical 5. Shutter Speed <ul style="list-style-type: none"> - Working of Aperture - Effect of Shutter Speed - Practical 6. Sensitivity /ISO <ul style="list-style-type: none"> - Working of Aperture - Effect of Sensitivity - Practical 7. Lenses <ul style="list-style-type: none"> - Human Eye - Photographic Lenses - Perspective - Normal/Wide/Tele/Zoom 8. Sources of Light <ul style="list-style-type: none"> - Natural / Artificial - Hard and Soft 9. Using Reflected light <ul style="list-style-type: none"> - Use of Reflector/ Diffuser in outdoor Photography 10. Camera Flash and application <ul style="list-style-type: none"> - What is on Camera Flash vs LED Flash - TTL vs Manual 11. Using Flash in Outdoor/ indoor situations <ul style="list-style-type: none"> - Direct vs Indirect flash - Flash Modifiers 	15
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References:

1. Langford's Advanced Photography - the Guide for aspiring Photographers
2. The camera by Ansel Adams
3. Basic Photography, M. J. Langford, Focal Press
4. Focal encyclopaedia of Photography, Focal Press
5. A large number of photography related sites are available on the internet.
<https://www.youtube.com/@PIXELVILLAGE>
<https://www.youtube.com/@theartofphotography>

***This will be a paid course.**

VPH-1022 (GE/OE): Photography II*

SEMESTER II		
VHY-1022	Photography II (OE-2)	Credits: 02 Hours: 30
Course Outcomes (COs) On completion of the course, the students will be able to:		
CO1	Identify the photographic process.	
CO2	Explain the fundamentals of the photographic process.	
CO3	Use the photographic equipment for a given situation.	
CO4	Relate the role of light in a photographic process.	
CO5	Justify the use of photographic equipment for a given photographic assignment.	

Unit No.	Title of Unit and Contents	No. of Lectures
I	<p>1. Application of Photography</p> <ul style="list-style-type: none"> - Genres in Photography - Areas of working in Photography (<i>Documentation, Print / Magazine media, Event Photography, Industrial Photography, Nature Photography, Space and Astro, Food, Lifestyle, Fashion Photography, etc.</i>) <p>2. Compositions in Photography</p> <ul style="list-style-type: none"> - Composition rules and design principles - Appeal to emotions through Photography (<i>studying the impact of photos on People</i>) - Screening of the images and discussing the compositional values. (<i>Criticizing and appreciating the Photographs based on compositional values.</i>) <p>3. Paintings Vs. Photography</p> <ul style="list-style-type: none"> - Comparative study of Paintings and Photographs. - Limitations - Defining the advantages of Photography. <p>4. Coloured Vs. Black / White images</p> <ul style="list-style-type: none"> - What is Chroma(<i>Achromatic and Chromatic Images</i>) - What is a Grayscale? - How the Photographic images have evolved. - Differences based on Technical / Aesthetical Aspects. - Limitations and Advantages over one another. - Observation based discussions over the screening of images. <p>5. Use of Images in Advertising</p> <p>What is Advertising?</p> <ul style="list-style-type: none"> - Advertisement Photography - Need and the application approach towards Photographic Ads. <p>6. Basics of Visual Literacy</p> <ul style="list-style-type: none"> - What is Visual Literacy (<i>How a human being perceives a visual</i>) - Visual culture - Analyzing the Photos by various Photographers. 	15

II	<p>1. Application of Photography -</p> <p>Genres in Photography - Areas of working in Photography (<i>Documentation, Print / Magazine media, Event Photography, Industrial Photography, Nature Photography, Space and Astro, Food, Lifestyle, Fashion Photography, etc.</i>)</p> <p>2. Compositions in Photography -</p> <p>Composition rules and design principles - Appeal to emotions through Photography (<i>studying the impact of photos on People</i>) - Screening of the images and discussing the compositional values. (<i>Criticizing and appreciating the Photographs based on compositional values.</i>)</p> <p>3. Paintings Vs. Photography -</p> <p>Comparative study of Paintings and Photographs. - Limitations - Defining the advantages of Photography.</p> <p>4. Coloured Vs. Black / White images -</p> <p>What is Chroma(<i>Achromatic and Chromatic Images</i>) - What is a Greyscale? - How the Photographic images have evolved. - Differences based on Technical / Aesthetical Aspects. - Limitations and Advantages over one another. - Observation based discussions over the screening of images.</p> <p>5. Use of Images in Advertising -</p> <p>What is Advertising? - Advertisement Photography - Need and the application approach towards Photographic Ads.</p> <p>6. Basics of Visual Literacy -</p> <p>What is Visual Literacy (<i>How a human being perceives a visual</i>) - Visual culture - Analyzing the Photos by various Photographers.</p>	15
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