

**GANDHIGRAM RURAL INSTITUTE – DEEMED TO BE UNIVERSITY
DEPARTMENT OF LIFELONG LEARNING AND EXTENSION
GANDHIGRAM – 624 302**



CERTIFICATE COURSE IN DIGITAL PHOTOGRAPHY

***SCHOOL OF HEALTH SCIENCES AND RURAL DEVELOPMENT
GANDHIGRAM RURAL INSTITUTE – DEEMED TO BE UNIVERSITY
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CERTIFICATE COURSE IN DIGITAL PHOTOGRAPHY

REGUALTIONS

I. ELIGIBILITY:

1. For admission: A pass in the 10th. Examination / NIOS Secondary or other equivalent examination recognized by the Government.
2. For the Certificate: The candidate shall have subsequently undergone the prescribed course of study in the Department of Adult Continuing Education and Extension of this university for a period of not less than 3 months.

II. DURATION

The course is for a period of 3 months.

III. COURSE OF STUDY & FEES

Candidates shall be permitted to do Certificate course concurrently with their UG/PG degree programme. The classes may be conducted either during week days in the regular working hours or after class hours or during weekly holidays.

Course fee: Rs.2000/- for Non students Rs.1500/- for students of GRI (Including NIOS) and the examination fee separate. Total enrollment is 20+5. This is totally self supported programme

IV.SCHEME OF EXAMINATION

Paper I Basics of Photography

Paper II Theory and Practice of Photoshop

Paper III Creative designing techniques

V. DISTRIBUTION OF TEACHING HOURS

There shall be a total number of 120 actual contact hours. Each paper shall have 40 hours.

VI. EXAMINATIONS.

There shall be examination at the end of the course i.e.: in April/May. A candidate who does not pass the examination in any subject(s) shall be appearing in such subject(s) in the subsequent examinations to be held in November/December. All candidates shall be required to register for the examination at the first appearance. **Candidate can write the examination in Tamil/English**

The Examination will be conducted and marks awarded for

- Internal 50%marks (Conducting test and practical) and
- External 50% marks (Exclusive theory)
- 20 marks is compulsory for the passing minimum both in internal and external Examination.

VII. PASSING MINIMUM

A candidate shall be declared to have passed in each paper if he /she secure not less than 40% of the prescribed maximum marks. He/ She shall be declared to have passed the whole examination and qualified for the Certificate if he/she passes in all the papers.

VIII. CLASSIFICATION OF SUCCESSFUL CANDIDATES

Those who secure 60% or above the maximum marks shall be declared to have passed in I Class those who secure 50% or above but below 60% shall be declared to have passed in the II Class and those who secure between 40% and 49% will be placed in the III Class.

IX. AWARD OF CERTIFICATE

A candidate shall be eligible for the award of the Certificate if he/she has passed all the examinations prescribed thereof.

X. REVISION OF REGULATIONS AND CURRICULUM

The University may from time to time revise, amend and change the regulations and the curriculum if found necessary.

RELAVANCE

In these days when a lot of educated unemployed individuals are seeking for suitable courses leading to self employment, this effective short certificate in digital Photoshop, if offered by the university will help many enthusiastic youngsters to get self employment. This is an opportunity for the regular students to have it is add on course. This professional course has been planned for a short duration at a reasonably low cost with exposure to practical in the field of Photoshop applications. There is a very good demand in the society through the country many youngsters in the lookout for scientific and creative training in this field. This will attract a large number of enthusiastic youngsters and unemployment problems can be considerably reduced through self employment.

OBJECTIVES

1. To introduce the field of photography and its development
2. To expose the learner to the photography equipments and handling techniques
3. To give him enough knowledge in Photoshop and other relevant techniques needed for Professionals
4. To prepare him for employment are self employment in the field of Photoshop designing

CERTIFICATE COURSE IN DIGITAL PHOTOGRAPHY

Paper I : BASICS OF PHOTOGRAPHY

Distribution hours for theory and practical

Theory	Practical
15 hours	25 hours

Unit	Theory	Practical
1	Explain the basics of photography – Principles – functions - camera structure – Analog/Digital camera- types of camera- Exposure settings.	Practice the camera operation – shutter operation and iris control. Equipment : Cannon, Nikon and Sony
2	Explain the setting in digital Point and shot camera-handling of PS camera – Rule of third. – White balance - Background selection – in build Flash and its features.	Practice the PS camera operation and understand white balance. Equipment : Cannon, Nikon and flsh lights
3	Explain the DSLR Camera parts & functions. Usage of Shutter speed, Aperture – ISO and Depth of field.	Practice DSLR camera – operate the menu and settings in the camera- controlling the exposure settings for good photography. Equipment : Cannon, Nikon and Sony
4	Explain the types of Frames and angles and its features -Types of Lens and its features - creative photography -Tripod usage	Practice the frames and angles in photography in relevance to situation Practicing various types of lenses and understand its features. Equipment : Cannon, Nikon and Sony
5	Explain the basic lighting for Photography - digi pro umbrella with stand – Bouncing light -Creative lighting - Maintenance of camera.	Practicing basic lighting arrangement for photography – using with umbrella and bounce light. Equipment : Cannon, Nikon and Sony

Professional knowledge

- The trainees able to understand the basic principles of Digital still camera
- The trainees able to explain the exposure setting in the DSLR camera and its importance
- The trainees able to expose proper framing with angles in photography
- The trainees able to handle all types of Lenses and lights and understand its features.

S.no	Assessable out come	Assessment criteria
1.	Understood the principles and basic functions in still camera (Analog & Digital)	<ul style="list-style-type: none">• Observe that the level of knowledge in the principle and functions of photo camera.• Observe that proper handling of the camera• Shooting of the PS camera with proper exposure• Verify the basic operational technique of still camera.
2.	Identify and check the functionality of Digital Point and Shoot Camera. Understood the basic knowledge in framing the photo	<ul style="list-style-type: none">• Observe that proper handling of the PS camera• Observe that to follow the proper framing in photography• Verify the output of the photo in PS camera
3.	Identify and check the functionality of Digital SLR Camera. Understand the proper exposure settings and depth of the image.	<ul style="list-style-type: none">• Observe that they understood the proper exposure settings in the DSLR camera.• Verify the exposed photography quality.
4.	Choosing the right frames and angles in the situation.	<ul style="list-style-type: none">• Observe that the selection of frames, angles in photography• Verify the output of the video in proper frame and movement.
5.	Identify the right type of lens and lighting for photography.	<ul style="list-style-type: none">• Right selection of lens for the video shooting.• Verify the focus and depth of field using the lens.

Paper II : THEORY AND PRACTICE OF PHOTOSHOP

Theory	Practical
15 hours	25 hours

Unit	Theory	Practical
1	Introduction to computer- Downloading of Images from digital Camera – Image formats.	Practice the Computer operation and transfer photos into computer. Equipment : computer with Adobe Photoshop CS3
2	Explain Digital memory chip- capacity of chip- Fire wire card - Scanning of Pictures Importing to the system-	Details about Antivirus and Scan files importing to Computer. Equipment : computer with Adobe Photoshop CS3
3	Installation Photoshop software - Photoshop Features – Resolution- Pixels- Painting/ drawing tools	Practice the Photoshop application software Installation understand the features Equipment : computer with Adobe Photoshop CS3
4	Explain about the editing tools – menu bar –option bar - layers and Navigation.	Practice the Photo editing and color correction. Resizing the photos. Equipment : computer with Adobe Photoshop CS3
5	Selection of pictures – Importing - creative work – Titles - Color corrections –Conversion of Image formats.	Practice with making title and image conversion. Equipment : computer with Adobe Photoshop CS3

Professional knowledge

- **The trainees able to understand the basic parts and operations in Computer**
- **The trainees able to Photoshop Installation techniques**
- **The trainees able to Correct Exposure in they taken Photographs**
- **The trainees able to understand Adobe Photoshop tools and how it works**

S.no	Assessable out come	Assessment criteria
1.	Understood the Basic Operations in Computer	<ul style="list-style-type: none"> ● Observe that the level of knowledge in the principle and operation in computer. ● Observe that proper handling of the computer ● Understand the how to transfer images into computer ● Verify the basic operational technique of computer
2.	Understood the Storage Capacity, Types of Memory Chips.	<ul style="list-style-type: none"> ● Observe that proper handling Memory cards ● Observe that how clean Virus ● Verify the properly importing images and properly eject the Memory Card from Computer
3.	Understood the Installation method and software features, added plug-in	<ul style="list-style-type: none"> ● Observe that they understood the software features and importing additional plug-in to the software ● Verify the software proper working condition.
4.	Understood the tools, menus, Creative techniques	<ul style="list-style-type: none"> ● Observe & Check they properly working with all tools & Techniques ● Verify the output of the corrections carryover the images
5.	Understood the creative techniques, image conversion	<ul style="list-style-type: none"> ● Verify the Image background changing, cropping image, resize of image background creating. ● Verify the image editing process and creating backgrounds

Paper III : CREATIVE DESIGNING TECHNIQUES – PRACTICAL

Theory	Practical
-Nil-	40 hours

Professional knowledge

- **The trainees able to understand the importance of the creativity in Image editing**
- **The trainees able to understand the uniqueness in the change of B/W to Color photo.**
- **The trainees able to develop their own creativity in the designing of photo image.**
- **The trainees able to understand designing of Wedding album, Flex banner, Visiting card etc.,**

S.no	Assessable out come	Assessment criteria
1.	Understood the photo morphing	<ul style="list-style-type: none"> • Observe that the color correction images. • Observe that black and white photos to make color photos. • Understand the background style creating • Verify the images in properly change it.
2.	Understood the creative style making	<ul style="list-style-type: none"> • Observe that filters use and apply to the images • Observe that scratched photos to make clear • Verify the images after the working process
3.	Understood the Album Making and various techniques	<ul style="list-style-type: none"> • Observe that current style of wedding album making. • Verify the album making in proper way.
4.	Understood the banners, Visiting cards making	<ul style="list-style-type: none"> • Observe that the flex banners making with creativity. • Observe wedding invitations and visiting cards making • Verify the output of the images