CERTIFICATE IN AI INTEGRATED PHOTOSHOP

DURATION: 60 Hours

TOTAL CREDITS: 2

COURSE SYLLABUS

Objective

To provide students with comprehensive knowledge and practical skills in professional photo editing. By the end of the course, students will be equipped with the ability to proficiently use a wide range of tools, methods, and options in Photoshop. They will understand the fundamentals of image manipulation, selection techniques, retouching, compositing, and typography, enabling them to produce high-quality, visually appealing edited photographs.

Exit Profile

- Advanced Photoshop Skills
- Selection Techniques
- Retouching Expertise
- Image Adjustment Proficiency
- Photo Compositing Abilities
- Typography Skills
- Workflow Efficiency
- Exporting and File Optimization
- Creativity and Visual Aesthetics

Career Path

- Independent Project Execution
- Photo Editor
- Graphic Designer
- Digital Marketer
- Advertising Professional
- Retoucher
- Visual Content Creator
- E-commerce Image Specialist
- Photography Assistant
- Creative Entrepreneur

Course Outline

Course Name:	Certificate in AI Integrated Photoshop	Duration:	60 H
Module	Topic	Duration	Total Duration
Module-1	Introduction to Photoshop and basic image manipulation.	6H	60H
	Selection techniques and retouching tools for precise editing.	6H	
	Image adjustment and enhancement using levels, curves, and color balance.	6H	
	Layers and advanced masking techniques for complex compositions.	6H	
	Advanced retouching and restoration techniques for professional results.	6H	
	Photo compositing and creative effects using blending modes and filters.	6H	
	Automation and workflow optimization with actions and batch processing.	6H	
	Customizing brushes and utilizing Adobe Bridge for file management.	6H	
	Exporting images for various platforms and formats.	6H	
	Final project to apply learned skills and review of advanced techniques.	6H	

Course In Detail

MODULE - 1

INTRODUCTION TO PHOTOSHOP AND BASIC IMAGE MANIPULATION
- Introduction to Photoshop: Interface, tools, and panels
- Setting up Photoshop preferences: Customizing the workspace, keyboard shortcuts, and general settings
- Understanding document sizes and resolutions: Setting up new documents, image dimensions, and resolution
- Working with guides and grids: Aligning and snapping objects using guides
- Basic image manipulation: Crop, resize, rotate, and straighten
- Layers: Understanding layers and layer management

SELECTION TECHNIQUES AND RETOUCHING TOOLS FOR PRECISE EDITING
- Selection tools: Marquee, lasso, and magic wand selection
- Quick Mask mode: Refining selections using Quick Mask mode
- Advanced selection techniques: Pen tool, refine edge, and color range
- Selection options: Select Subject, Object Selection tool, and Quick Selection tool
- Retouching tools: Remove Tool, Spot healing brush, clone stamp, and content-aware fill
- Generative AI: Introduction to generative AI techniques in Photoshop for creative image generation

IMAGE ADJUSTMENT AND ENHANCEMENT USING LEVELS, CURVES, AND COLOR BALANCE
- Non-destructive editing: Adjustment layers and smart objects
- Advanced adjustment layers: Curves, selective color, and gradient maps
- Typography: Introduction to working with text layers and character formatting
- Typography options: Kerning, tracking, leading, and text alignment

LAYERS AND ADVANCED MASKING TECHNIQUES FOR COMPLEX COMPOSITIONS

- Masking techniques: Layer masks, clipping masks, and alpha channels
- Advanced masking techniques: Refine edge, channels, and complex selections

ADVANCED RETOUCHING AND RESTORATION TECHNIQUES FOR PROFESSIONAL RESULTS

- Advanced retouching techniques: Healing brush, patch tool, and frequency separation
- Dodge and burn: Enhancing highlights and shadows
- Liquify filter: Modifying and reshaping images
- Advanced image restoration: Repairing damaged or old photos
- Color correction: Selective color adjustments and color grading
- Advanced retouching: Skin retouching, frequency separation, and advanced healing techniques

PHOTO COMPOSITING AND CREATIVE EFFECTS USING BLENDING MODES AND FILTERS

- Advanced photo compositing: Combining multiple images seamlessly
- Advanced image manipulation: Content-aware scaling, puppet warp, and perspective warp
- 3D modelling and texturing: Creating and manipulating 3D objects
- Advanced filters and effects: Smart filters, lens correction, and camera raw
- Advanced photo effects: Creating photo montages, surreal/fantasy images, and double exposures
- Vanishing point: Creating and editing perspective planes for accurate image editing
- Blending modes: Understanding and applying different blending modes
- Layer styles: Creating effects using layer styles and blending options

AUTOMATION AND WORKFLOW OPTIMIZATION WITH ACTIONS AND BATCH PROCESSING

- Automating tasks: Creating actions, batch processing, and scripts

CUSTOMIZING BRUSHES AND UTILIZING ADOBE BRIDGE FOR FILE MANAGEMENT

- Brush settings: Customizing brush presets, opacity, flow, and brush dynamics

- Introduction to Adobe Bridge: Overview and organization of files using Adobe Bridge

EXPORTING IMAGES FOR VARIOUS PLATFORMS AND FORMATS
- Advanced image exporting: Optimizing images for web, print, and different formats

FINAL PROJECT TO APPLY LEARNED SKILLS AND REVIEW OF ADVANCED TECHNIQUES
- Final project: Applying all the learned skills to complete a professional-level photo editing project
- Critique and feedback session for the final project
- Q&A session and addressing specific student queries
- Wrap-up and closing remark