SKVV : SYLLABUS FOR TRADE IN VOCATION TRAINING CERTIFICATE PROGRAM

DURATION: SIX MONTHS   TRADE : **DIGITAL PHOTOGRAPHER**

SEMESTER 1

Course code no.	Trade Practical	Trade theory
VTC DP-101	Introduction to training familiarization with the Institute. Importance of trade training. Instruments used in the trade. Handling of Digital cameras, compact and SLR.	Importance of safety and general precautions observed in the trade by the Institution. Care & maintenance of equipments & material. Introduction to photography and its applications. Introduction to Cameras.
VTC DP-101-2	Use of natural light, tungsten light, fluorescent light, single & multiple electronic flash, reflectors, exposure meters, studio flash & accessories and guide number.	Understanding visual communication and aesthetic in Photography. Theory of light and sources. Colour - temperature & colour balance.
VTC DP-103	Practice on different types of composition using various lighting techniques and use of lenses. Taking photographs out door & indoor. Hands on special areas of photography.	Exposure, Conception of aperture, shutter speed, depth o f field. Lens and its accessories. Knowledge of different types of lenses & their uses. Covering power/ angle, aberrations of lens, perspective. Use of lens hood, tripod, self timer.
VTC DP-104	**Introduction to Computer Fundamentals**	
VTC DP-105	Digital editing by using bit map and vector based image editing software. Ability of taking printouts of photographs taken by a digital camera from computer printer. Concept of image transportation to storage media. Practice of sending photographs through internet, sending photographs through E-mail and printing and analysis of images.	Knowledge of image editing software. Knowledge of different types of printing media, for hard copy. Knowledge of different types of printer in respect of their resolution
VTC DP-106	Ability to scan photographs and capture frames	Knowledge of other different types through scanner & capture card, editing of capturing methods through scanners frame grabber with digital camera. Knowledge of photo editing through different types of updated photo editing software's.
VTC DP-107	Handling of digital video cameras, Tape, DVD, HDD and accessories. Types of common shots and movements. Dimension of images.	Introduction to video, use of video as a communication medium, types of video cameras-their various formats, types of various video tapes, DVD, HDD. Principle of video recording.

VTC DP-108   Project work / Industrial (optional)

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DURATION: SIX MONTHS   TRADE : **DIGITAL PHOTOGRAPHER**

SEMESTER 2

Course code no.	Trade Practical	Trade theory
VTC DO-201	Handling of digital video cameras, Tape, DVD, HDD and accessories. Types of common shots and movements. Dimension of images.	Introduction to video, use of video as a communication medium, types of video cameras-their various formats, types of various video tapes, DVD, HDD. Principle of video recording.
VTC DO-202	Lighting of different areas of video shooting. Practice on three point lighting, indoor and outdoor lighting etc. Practice on hard & soft, bounce, silhouette lighting, key lighting. Use of reflectors & skimmers.	Knowledge of different types of lighting. Concept of power distribution depending upon the requirement of the light output.
VTC DO-203	Using of microphones. Audio video recording, mixing, editing, dubbing of sound.	Concept of different types of microphones. Knowledge of sound recording, mixing, editing, dubbing etc.
VTC DO-204	Idea & planning of production - proposal, scope, script, shot division, visualization according to script.	Planning for production, pre-production, production and post production etc. Introduction to multi camera setup and production.
VTC DO-205	Shooting and editing of short documentary, news items , interviews, music video etc.	Idea of different subject to be selected for shooting.
VTC DO-206	Storing materials in media. Using software for changing the formats.	Visual digitization, authoring, final output and format change.