

# **Diploma Programme**

## **in**

# **Photography and Audio Visual Production**

## **SYLLABUS**

*Max Marks: 100 (ESE: 70 IA : 30)*

*Passing marks: 40*

### **Question Paper pattern for End Session Exam (ESE)**

*Max Marks: 70*

Part-A will contain 20 short questions of 2 marks each.

Part-B will contain 3 questions (1 from each unit with internal choice) of 10 marks each.

## **P011**

### **Paper – I Photography**

#### **Unit I**

Understanding the mechanisms of Photography; Types of photographic cameras and their structure (Pin-hole, SLR, TLR, D-SLR); Lenses Aperture ,Shutter Speed, light meters, focus and depth of field.

#### **Unit II**

Understanding Light and Shadow; Natural light and Artificial Light; The Nature of Light- Direct Light, Soft light, Hard light, Directional Light; Three Point Lighting, Highlights, Shadow and Silhouettes.

#### **Unit III**

Lighting equipment (Soft boxes, umbrellas, Fresnel's, Skimmers, reflectors, etc); Technique and Metering for Light, Filters and Use of a Flash Unit. Basics of Photoshop ,Photo editing softwares : Corel Draw, Adobe Photoshop.

#### **Reference Books:**

1. *Camera Lucida: Reflections on Photography- Roland Barthes* *On Photography- Susan Sontag*
2. *The Man, The Image & The World: A Retrospective- Henri Cartier-Bresson*
3. *Basic Photography- Michael Langford.*
4. *All about Photography by Ashok Dilwali, National Book trust , Year of Publication:2010 New Delhi.*
5. *Practical photography by O.P. SHARMA HPB/FC (14 March 2003).*

## **P012**

### **Paper -II Audio-Visual Production**

#### **Unit I**

General principles of writing for TV, visual language and grammar, Basic TV Programme formats, Concept and Idea Generation ,treatment ,story ,script writing, screenplay, dialogue , storyboarding.

#### **Unit II**

Introduction to camera ,lens and accessories for Video, camera operating and handling, choosing camera and lens, lighting and background, Video modes, Framing, Use of angle, Depth of field, using properties, using of light, Secure Framing ,shot description, taking final shot.

#### **Unit III**

Basic principles of video editing, Non linear editing NLE. Three point Editing, Working in timeline, Key framing, Filters, Color Correction and Audio Correction Editing, Visual effects, sound recording and sound effects. Titling of Video, Review and Exporting, Standard output formats, Add graphics and special effects in video, Use digital filtering of audio and video .

Montage, Package, Show reel, Ads, Short film, Chroma editing.

#### **Reference Books:**

1. *Complete Reporter Fundamentals of News gathering, writing and editing.*
2. *On camera by Harris Watts.*
3. *Basics of TV technology by Hastwig*
4. *Shooting Digital Video by Jon Faver.*
5. *Basic TV Technology, Digital and Analog by Robert L. Heartwig.*
6. *Video Editing & Post production by Garg N. Anderson Focal Press.*
7. *Video Editing – A Post production primer by Staven E. Browne, Focal Press.*
8. *Handbook of Television Production by Herbert Zette, Cengage Learning India Private Ltd. New Delhi.*

## **PR013 (Practical Paper)**

### **Practical Paper**

**The objective of the practical paper is to enable the students to write and present video scripts in a visual form. At the same time, it will not only help student to produce a Video film as a team activity but they will also learn the technicalities of handling a video camera and an video editing system .**

**The practical paper will be based on the practical application of the theory papers.**