

**PANJAB UNIVERSITY, CHANDIGARH**  
(Established under the Panjab University Act VII of 1947- enacted by the Govt. of India)

**FACULTY OF DESIGN & FINE ARTS**

**SYLLABI FOR POSTGRADUATE DIPLOMA**

**IN**

**PHOTOGRAPHY**

**(SEMESTER SYSTEM)**

**EXAMINATIONS, 2020-21**

## PANJAB UNIVERSITY, CHANDIGARH

Outlines of tests, syllabi and courses of reading for Postgraduate Diploma in Photography (semester system) for examination: - 2019-2020, 2020-2021, and 2021-2022.

### Semester I

**NOTE: There will be four theory papers each carrying 100 marks in each semester.  
Four practical assignments of 100 marks are compulsory in each semester.**

|      |     |   |           |
|------|-----|---|-----------|
| PGDP | 101 | Introduction to Photography                     | 100 marks |
| PGDP | 102 | Introduction to Photography equipment           | 100 marks |
| PGDP | 103 | Photography as a profession –I: Photojournalism | 100 marks |
| PGDP | 104 | Photography as a profession-II                  | 100 marks |
| PGDP | 105 | Practical Assignments                           | 100 marks |

### Semester II

|      |     |                           |           |
|------|-----|---------------------------|-----------|
| PGDP | 106 | Basics of ICT             | 100 marks |
| PGDP | 107 | New media and Photography | 100 marks |
| PGDP | 108 | Digital Photo Editing     | 100 marks |
| PGDP | 109 | Exhibiting Your Work      | 100 marks |
| PGDP | 110 | Practical Assignments     | 100 marks |

## FIRST SEMESTER

### **PGDP 101: INTRODUCTION TO PHOTOGRAPHY**

**Marks = 100**

**OBJECTIVE:** The course objective is to sensitize the students to the field of photography by exposing them to its different forms; to understand the basic concepts and terminology specific to photography; to understand the history and evolution of photography; to enable them to analyze and assess role of photography in everyday life.

**Instructions for paper setters and candidates:**

1. The maximum marks for the paper will be 100 and the time allowed will be 3 hours.
2. There shall be 9 questions in all and the candidates will be required to attempt 5 questions. The first question is compulsory comprising 10 short answer type questions spread over the whole syllabus to be answered in about 75-100 words each. The candidates are required to attempt 5 questions. Each question shall be of 4 marks. (5X4 = 20 marks)
3. Rest of the paper shall contain four units. Two questions shall be asked from each unit and the candidates shall be given internal choice. The candidates shall attempt one question from each unit. Each question will carry 20 marks. (4X20 = 80 marks)

#### **Unit – I**

- i) Definition and concept of Photography
- ii) Camera (Pinhole, film camera, digital cameras)
- iii) Understanding role of light (Temperature, Color, Contrast, etc.)

#### **Unit – II**

- i) Invention of Photography
- ii) Historical timeline / Evolution of Photography in terms of camera and techniques.
- iii) Role of Photography in modern life/ times, Social media and Photography.

#### **Unit – III**

- i) Observation and identifying picture taking opportunities. Composition, Color wheel.
- ii) Concepts of Psychology used in Photography: Creativity, Intelligence, Self-actualization.
- iii) Concepts of Philosophy used in Photography: Aesthetics, Ethics.

#### **Unit – IV**

- i) Scientific Photography: Macro photography, Forensic Photography, medical / clinical photography, underwater photography, high speed photography
- ii) Commercial photography
- iii) Aerial Photography (Drones, cranes, cable rigs, helicopters)

## **PGDP 102: INTRODUCTION TO PHOTOGRAPHY EQUIPMENT**

**Marks = 100**

**OBJECTIVE:** The course objective is to introduce the students to the photography equipment including camera, lighting and accessories.

### **Instructions for paper setters and candidates:**

1. The maximum marks for the paper will be 100 and the time allowed will be 3 hours.
2. There shall be 9 questions in all and the candidates will be required to attempt 5 questions. The first question is compulsory comprising 10 short answer type questions spread over the whole syllabus to be answered in about 75-100 words each. The candidates are required to attempt 5 questions. Each question shall be of 4 marks. (5X4 = 20 marks)
3. Rest of the paper shall contain four units. Two questions shall be asked from each unit and the candidates shall be given internal choice. The candidates shall attempt one question from each unit. Each question will carry 20 marks. (4X20 = 80 marks)

### **Unit – I**

- i) Types of cameras ( SLR, mirror less, full frame, medium format, large format, Action cameras, point and shoot, mobile cameras)
- ii) Role of shutter, Role of digital sensor
- iii) Control dial of SLR camera

### **Unit – II**

- i) Role of camera lens , Aperture: role in depth of field, night photography
- ii) Various types of lenses
- iii) Filters and their applications

### **Unit – III**

- i) Camera flash (TTL, on-camera flash)
- ii) Studio lights
- iii) Barns, Reflectors and diffusers

### **Unit – IV**

- i) Tripods, Gimble, Light meters, camera stabilizers, Laptops, Workstations
- ii) Caring and maintenance of the photographic equipment: Protecting equipment from dust, humidity, fungus, Protective casings
- iii) Servicing and Annual maintenance contracts (AMCs), Insurance

**PGDP 103: PHOTOGRAPHY AS A PROFESSION –I: PHOTOJOURNALISM      Marks = 100**

**OBJECTIVE:** The course objective is to introduce the students about photography as a profession with emphasis on field of journalism.

**Instructions for paper setters and candidates:**

1. The maximum marks for the paper will be 100 and the time allowed will be 3 hours.
2. There shall be 9 questions in all and the candidates will be required to attempt 5 questions. The first question is compulsory comprising 10 short answer type questions spread over the whole syllabus to be answered in about 75-100 words each. The candidates are required to attempt 5 questions. Each question shall be of 4 marks. (5X4 = 20 marks)
3. Rest of the paper shall contain four units. Two questions shall be asked from each unit and the candidates shall be given internal choice. The candidates shall attempt one question from each unit. Each question will carry 20 marks. (4X20 = 80 marks)

**Unit – I**

- i) Concept and scope of photojournalism
- ii) History and evolution of photojournalism
- iii) Skills, duties and responsibilities of a photojournalist

**Unit – II**

- i) Concept and principle of a news Photograph/ Photograph as a visual medium in print and electronic media
- ii) Photo essay and photo feature
- iii) Citizen journalist and news photographs

**Unit – III**

- i) Ethics in Photojournalism, Paparazzi
- ii) The Information Technology Act, 2000
- iii) Copyright law in India

**Unit – IV**

- i) Role of Photo editor
- ii) Steps involved in selection of the news photograph: news value, cropping, composition; writing photo captions
- iii) Photo editing Softwares

**PGDP 104: PHOTOGRAPHY AS A PROFESSION-II BUSINESS PRACTICES Marks = 100**

**OBJECTIVE:** The course objective is to sensitize the students to the various aspects of studio practices; exposing them to various financial aspects and practices involved in the profession of Photography; to understand the basic concepts of soft skills ; to understand the CV, Biodata and Resume.

**Instructions for paper setters and candidates:**

1. The maximum marks for the paper will be 100 and the time allowed will be 3 hours.
2. There shall be 9 questions in all and the candidates will be required to attempt 5 questions. The first question is compulsory comprising 10 short answer type questions spread over the whole syllabus to be answered in about 75-100 words each. The candidates are required to ar the he

**PGDP 105: PHOTOGRAPHY PRACTICAL ASSIGNMENTS****Marks = 100**

| S. No. |  |    |
|--------|--|----|
| 1      | Submit CD having 10 photographs (clicked by you) inserted in MS PowerPoint software Covering a major event in your area. | 25 |
| 2      | Prepare an info graphic of your camera giving detail about it.   | 25 |

## **PGDP 106: BASICS OF ICT**

**Marks = 100**

**OBJECTIVE:** The course objective is to sensitize the students to about the concept of ICT; to orient them to advantages of ICT; to understand the various kinds of softwares and their role in the field of Photography; to understand the basic concepts and terminology specific to Internet and networks; to enable them to analyze and assess role of computer viruses.

### **Instructions for paper setters and candidates:**

1. The maximum marks for the paper will be 100 and the time allowed will be 3 hours.
2. There shall be 9 questions in all and the candidates will be required to attempt 5 questions. The first question is compulsory comprising 10 short answer type questions spread over the whole syllabus to be answered in about 75-100 words each. The candidates are required to attempt 5 questions. Each question shall be of 4 marks. (5X4 = 20 marks)
3. Rest of the paper shall contain four units. Two questions shall be asked from each unit and the candidates shall be given internal choice. The candidates shall attempt one question from each unit. Each question will carry 20 marks. (4X20 = 80 marks)

### **Unit – I**

- i. Definition and concept of Information Communication and Technology (ICT)
- ii. Role of ICT in the field of Photography
- iii. Introduction to computers, Artificial Intelligence, AI Cameras

### **Unit – II**

- iv) Computer software: Systems software, Application Software
- v) Computer hardware: CPU, GPU, Motherboard, Memory, Storage devices
- vi) Input and Output devices of Computers

### **Unit – III**

- vii) Open source, Proprietary softwares, Freeware
- viii) Photo editing softwares: Online and offline softwares
- ix) Computer viruses.

### **Unit – IV**

- x) Computer networks: Internet and networks
- xi)



# **PGDP 108: DIGITAL PHOTO EDITING**

**Marks = 100**

**OBJECTIVE:** The course objective is to sensitize the students to about the concept of File Management: from Camera to Computer; to orient them to Digital Image basics of Camera and Computer; to understand the various aspects of Post Processing and their role in the field of Photography; to understand the process involved in assessing and preparing final digitally edited image based projects.

## **Instructions for paper setters and candidates:**

1. The maximum marks for the paper will be 100 and the time allowed will be 3 hours.
2. There shall be 9 questions in all and the candidates will be required to attempt 5 questions. The first question is compulsory comprising 10 short answer type questions spread over the whole syllabus to be answered in about 75-100 words each. The candidates are required to attempt 5 questions. Each question shall be of 4 marks. (5X4 = 20 marks)
3. Rest of the paper shall contain four units. Two questions shall be asked from each unit and the candidates shall be given internal choice. The candidates shall attempt one question from each unit. Each question will carry 20 marks. (4X20 = 80 marks)

### **Unit – I**

- i. Role and importance of digital Photo editing.
- ii. Understanding digital basic file types, file sizes, file transfer, memory and image resolution.
- iii. Working with Adobe Lightroom and Adobe Photoshop basics

### **Unit –II**

- iv. Coordinated working of camera and computer image resolution, colour gamut and bit depth.
- v. Creating, managing and Searching the Archives, Copyright Data and Watermarks, Organizing Photographs, Exporting Images in various related file formats.
- vi. Working together with Camera and Computer for editing images (Main tools of both the softwares, special attention to Exposure, Tones, White Balance/Color Temperature, Curves, Histograms, Noise Reduction, Filters, and Colour Corrections)

### **Unit -III**

- vii. Image manipulations in Adobe Photoshop, Contact Sheets & Slideshows from Adobe Lightroom.
- viii. Preparing Images for the final project Printing.
- ix. Understanding Color Space, ICC Profiles, web uploads, screen presentations and Papers Pigment Printing.

### **Unit –IV**

- x. Finalising images for presentations, net collections and web uploads.
- xi. Finalising images for publications like catalogues, books, promotional materials, large scale and small scale printings
- xii. Learning about troubleshooting the post print challenges and internet hassles.

**PGDP 109: EXHIBITING YOUR WORK**

**Marks = 100**

**PGDP 110: PHOTOGRAPHY PRACTICAL ASSIGNMENTS**

**Marks = 100**

|        |  |  |
|--------|--|--|
| S. No. |  |  |
| 1      | Start and run a theme based blog (using photographs clicked by the |  |