

## **SYLLABUS**

### **B. TECH. IN TV, FILM PRODUCTION AND MEDIA TECHNOLOGY**

**2014 – 2015, 2015 – 2016, 2016 – 2017 AND 2017-2018  
SESSIONS**

# **OUTLINES OF TESTS**

## **SEMESTER-I**

**PAPER I: PROFESSIONAL PHOTOGRAPHY**

**PAPER II: COMMUNICATION AND SOFT SKILLS**

**PAPER III: INTRODUCTION TO MASS COMMUNICATION**

**PAPER IV: NEW MEDIA**

**PUNJABI/PUNJABI MUDHLA GIAN**

## **SEMESTER 2**

**PAPER V: MEDIA APPRECIATION**

**PAPER VI: VIDEO & BROADCAST TECHNOLOGY**

**PAPER VII: RADIO AND SOUND TECHNOLOGY**

**PAPER VIII: MEDIA AND COMPUTER TECHNOLOGY**

**PUNJABI/PUNJABI MUDHLA GIAN**

## **SEMESTER 3**

**PAPER IX: PRODUCTION MANAGEMENT**

**PAPER X: MOTION PICTURE PHOTOGRAPHY**

**PAPER XI: CURRENT AFFAIRS AND GENERAL AWARENESS**

**PAPER XII: SCRIPT WRITING**

## **SEMESTER 4**

**PAPER XIII: LIGHTING**

**PAPER XIV: CURRENT AFFAIRS AND GENERAL AWARENESS**

**PAPER XV: FILM EDITING**

**PAPER XVI: ACTING FOR TV AND FILMS**

**PAPER XVII: ENVIRONMENTAL AND ROAD SAFETY AWARENESS**

## **SEMESTER-5**

**PAPER XVIII: FILM STUDIES**

**PAPER XIX: TV NEWS PRODUCTION**

**PAPER XX: DIGITAL ARTS AND GRAPHICS**

**PAPER XXI: CURRENT AFFAIRS AND GENERAL AWARENESS**

## **SEMESTER 6**

**PAPER XXIII: RESEARCH APPLICATION IN FILM MAKING**

**PAPER XXIV: PRODUCTION DESIGN**

**PAPER XXV: DIGITAL COMPOSITING**

**PAPER XXVI: CURRENT AFFAIRS AND GENERAL AWARENESS**

## **SEMESTER 7**

**PAPER XXVII: SPECIALIZATION**

## **SEMESTER 8**

**Paper XXVIII: FICTION AND NONFICTION FILMMAKING PROJECT**

## **Semester-I**

### **Paper I: Professional Photography**

Max. Marks : 100  
Pass Marks : 35  
Time Allowed : 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

#### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

#### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

#### **Course Content**

##### **Section A**

The role of light in photography, film vs. Digital, the digital image revolution; Digital Camera; working of digital SLR camera and its parts, Advantages of DSLR over traditional film camera; Image sensors: CCD and CMOS, 35mm format, medium format, large format, image sensor sizes, dynamic range; Digital image: Pixels, resolution, frame size, image formats and specialized accessories for camera

Lens: Normal, telephoto, wide and special purpose lenses like zoom lens, fish eye, macro lens; Camera parameters: Focal length, aperture, angle of vision, depth-of-field and focus, shutter speed, film speed and ISO settings; Co-relations among parameters: aperture, shutter speed, angle of vision, depth-of-field and focal length, using aperture priority, shutter priority and manual exposure; Lens distortions: perspective distortion, parallax error

##### **Section B**

Screen grammar: Head room, lead room, nose room, close up, long shot, mid shot; Basics of composition: Understanding the intent, choosing a centre, selecting the orientation, the rule of thirds, framing, and balance; Understanding lines: Straight, horizontal, converging, diagonal and curved; Lighting: Natural and artificial light, short and broad lighting, side light, front light, back light

Landscape photography: Mountains, sunsets and sunrises, sea and water scenes, snow scenes; Photographing people: In studio or in nature, backgrounds, existing or artificial light; Sports photography: The importance of position, selecting shooting mode and choosing the lens; Essentials of a good photograph, Caption Writing, Photo Feature.

#### **Text & References:**

- Digital Photography: Tim O'Sullivan, Brian Dutton, Philip Rayner
- Creating Digital Content: John Rice & Brian Mckernan
- Studying the Media: David E. Reese, Mary E. Beadle, Alan R. Stephenson
- 100 Ways to Take Better Photographs: Tom Ang

- Advanced Digital Photography: Katharina Grimme

## **Paper II: Communication and Soft Skills**

Max. Marks : 100  
Pass Marks : 35  
Time Allowed : 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

#### **Course Content**

#### **Section A**

Conceptual Understanding of Communication; Types of communication: Verbal, Non-verbal, Kinesics, Interpersonal, Group and Mass Communication, Barriers to communication; Values and Belief system.

Spoken Communication; Principles of effective oral communication, speech preparation, Voice control; Pronunciation and Physical behaviour; Debate, Presentation Skills, Group Discussion; Interviews.

#### **Section B**

Written Communication; Elements of Effective written communication; Resume writing; Letter writing; E-mail communication; Cover letter; Taking notes.

Listening Skills; Meaning, Nature and Importance of Listening ; Listening process; Pacing for Listening ;Observation in Listening ;Guidelines for effective Listening, Benefits of Meditation; Self-awareness and Witnessing; Goal setting and career planning.

***Practical: Debate, Declamation; Meditation and Witnessing exercises;Presentation exercises and written communication exercises.***

#### **Text and References**

- Improve Your Communication Skills:Barker. A — Kogan Page India Pvt Ltd
- Language in Use (Upper-Intermediate): Adrian Doff and Christopher Jones – Cambridge University Press
- The Oxford Guide to Writing and Speaking: John Seely, Oxford University Press
- You Can Win: Shiv Khera, Macmillan Books
- 7 Habits of HighlyEffective People: Stephen Covey
- Perfect Presentation: John Collin, Video Arts Marshal

- Effective Interviews: Jenny Rogers, Video arts Marshal
- Effective Leadership: Essential Manager Series. Robert Heller. DK Publishing

### **Paper III: Introduction to Mass Communication**

Max. Marks : 100

Pass Marks : 35

Time Allowed : 3 Hours

Theory: 60 Marks

Practical: 20 Marks

Internal Assessment: 20 Marks

### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

#### **Course Content**

#### **Section A**

Understanding a Newspaper; Basic elements of News, Features and Editorials; Sources of News; News transmission means and techniques; Hierarchical structure and functions of Field Staff. Types of News—Soft, Hard, Investigative, Interpretative; Scoops; Sensational Journalism; Changing trends in Print Media.

Radio as a means of Mass Communication; Print vs Electronic Media; TV Studio set-ups and productions. Future trends; Effects of electronic media on culture and society; Violence, Vulgarity and indecency on television. Film as a medium; Film vs television/video/theatre; Commercial vs art cinema.

#### **Section B**

PR & Corporate Communication; PR in Public, Private and Government undertakings; Press Releases; Press Conferences and Press meets; Duties and responsibilities of a PR Executive.

Advertising; Development and importance of advertising; Advertising communication; Types of Advertisements; Copy Writing; Ad campaigns.

#### **Text and References**

- Basic Journalism: Rangaswami Parthasarthy, McMillan India Ltd.
- The Journalist's Handbook: M. V. Kamath. Vikas Publishing house Pvt. Ltd.
- How to Write News for Broadcast and Print Media: David Dary, Tabb Books, 1973
- The Complete Reporter: Fundamentals of News Gathering, Writing, and Editing: Julian Harriss, Kelly Leiter & Stanley Johnson (eds.) Allyn/Bacon, Boston
- Art and Production: N. N. Sarkar, Sagar Publication, New Delhi
- Media Management in India: Gulab Kothari, Rawat Publication
- Layout, Printing, Design and Typography: Charles J. Felton, St. Paul West Publishing Company 1990
- Basic News Variety: Melvin Menchor, Universal book
- How to Write News for Broadcast and Print Media: David Dary, Tabb Books

### **Paper IV: New Media**

Max. Marks 100  
Pass Marks: 35  
Time Allowed: 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

#### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B, and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions, which will cover the entire syllabus uniformly and will carry 20 marks in all.

#### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two questions each from the sections A and B of the question paper and the entire section C.

##### ***Section A***

A brief historical perspective of traditional and mainstream media; New Media: Conceptual Understanding, merits and demerits; Media diversification and convergence; Online journalism vs. traditional journalism –difference in news consumption.

Evolution of new media as a consequence of emerging social needs and technological developments; Types and forms of new media; social media; Media technology and globalization process; future of mass media technologies.

##### ***Section B***

Mobile phones as new media for interpersonal and group communication; Smart phones, PDAs, tablets; service providers; Satellite radio and television; Competition between the cell phone service provider; 3G, GPRS, EDGE and 4G.

Online Social Networking; Conceptual definition; Historical perspective; advanced technological aspects of OSN; Social, cultural, economic and ethical implications; online multimedia sharing websites and its impact on entertainment.

#### **Text and References:**

- Operating Systems: W. Stalling, Prentice Hall of India
- Computer Organization and Architecture: W. Stalling, Prentice Hall of India
- Easy Computer Basics: Michael Miller 0 Computer Graphics: D Harm, Barker, Prentice Hall of India    Computer Networks: A.S. Tenebaun, Prentice Hall of India
- Data Communication and Networking: B.A. Forouzan, Tata McGraw Hill

**Paper : Qualifying Punjabi**  
(ਕੁਆਲੀਫਾਇੰਗ ਪੰਜਾਬੀ)

ਕੁਲ ਅੰਕ : 100  
ਸਮਾਂ : 3 ਘੰਟੇ  
ਪੀਰੀਅਡ : 5 ਪ੍ਰਤੀ ਹਫ਼ਤਾ

ਲਿਖਤੀ : 60  
ਮੌਖਿਕ : 40  
ਪਾਸ ਅੰਕ : 35

1. ਪੰਜਾਬੀ ਦੀ ਪਾਠ-ਪੁਸਤਕ

ਭਾਗ ਪਹਿਲਾ -ਪੰਜਾਬੀ ਸਾਹਿਤ  
(ੳ) ਕਵਿਤਾ  
(ਅ) ਕਹਾਣੀ  
(ੲ) ਨਾਟਕ  
ਭਾਗ ਦੂਜਾ-ਪੰਜਾਬ ਸਭਿਆਚਾਰ ਅਤੇ ਲੋਕਧਾਰਾ  
ਭਾਗ ਤੀਜਾ-ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਤੇ ਗੁਰਮੁਖੀ ਲਿਪੀ

**ਅੰਕ ਵੰਡ ਅਤੇ ਪੇਪਰ ਸੈਟਰ ਲਈ ਹਦਾਇਤ**

ਪੁਸਤਕ ਦੇ ਤਿੰਨ ਭਾਗ ਹਨ। ਪ੍ਰੰਤੂ ਪ੍ਰਸ਼ਨ ਦੋ ਭਾਗਾਂ ਵਿਚ ਹੋਵੇਗਾ। ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦਾ ਪਹਿਲਾ ਭਾਗ ਪੁਸਤਕ ਦੇ ਪਹਿਲੇ ਭਾਗ ਉਤੇ ਅਧਾਰਿਤ ਹੋਵੇਗਾ। ਇਸ ਭਾਗ ਦੇ ਕੁਲ 36 ਅੰਕ ਹਨ। ਪ੍ਰਸ਼ਨ ਪੱਤਰ ਦਾ ਦੂਜਾ ਭਾਗ ਭੂਸਤਕ ਦੇ ਦੂਜੇ ਅਤੇ ਤੀਜੇ ਭਾਗ ਉਤੇ ਅਧਾਰਿਤ ਹੋਵੇਗਾ। ਇਸ ਭਾਗ ਦੇ ਕੁਲ 24 ਅੰਕ ਹੋਣਗੇ ਅਤੇ ਇਸ ਵਿਚ ਪੁਸਤਕ ਦੇ ਦੂਜੇ ਅਤੇ ਤੀਜੇ ਭਾਗ ਦੇ 12-12 ਅੰਕ ਹੋਣਗੇ।

- (1) ਪੁਸਤਕ ਦੇ ਪਹਿਲੇ ਭਾਗ ਦੇ ਤਿੰਨ ਉਪ-ਭਾਗ 'ੳ', 'ਅ' ਅਤੇ 'ੲ' ਹਨ। ਇਨ੍ਹਾਂ ਤਿੰਨਾਂ ਉਪ-ਭਾਗਾਂ ਵਿਚ ਹੇਠ ਲਿਖੇ ਅਨੁਸਾਰ 4-4 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣ।  
(ੳ) ਇਸ ਵਿਚ ਕੁਲ 12 ਪ੍ਰਸ਼ਨ ਐਬਜੈਕਟਿਵ ਟਾਈਪ/ਮਲਟੀਪਲ ਚੋਣ ਵਾਲੇ ਹੋਣਗੇ। ਹਰ ਉਪ-ਭਾਗ ਵਿਚ 4-4 ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਸਾਰੇ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਲਾਜ਼ਮੀ ਹੋਣਗੇ।

ਅੰਕ  $3 \times 4 = 12$

- (ਅ) ਹਰ ਉਪ ਭਾਗ ਵਿਚੋਂ 5-5 ਲਘੂ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਜਿਨ੍ਹਾਂ ਵਿਚੋਂ 3-3 ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਲਾਜ਼ਮੀ ਹੋਣਗੇ। ਉੱਤਰ ਪੰਜਾ ਲਾਈਨਾਂ ਤੋਂ ਵੱਧ ਨਾ ਹੋਵੇ।

ਅੰਕ  $9 \times 2 = 18$

- (ੲ) ਹਰ ਉਪ ਭਾਗ ਵਿਚੋਂ 1-1 ਪ੍ਰਸ਼ਨ ਪੁਛਿਆ ਜਾਵੇਗਾ। ਦੋਹਾਂ ਵਿਚੋਂ ਇਕ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨਾ ਹੋਵੇਗਾ। ਉੱਤਰ ਇਕ ਸਫੇ ਤੱਕ ਸੀਮਤ ਹੋਵੇ।

ਅੰਕ = 06

- (2) ਪੁਸਤਕ ਦੇ ਦੂਜੇ ਅਤੇ ਤੀਜੇ ਭਾਗ ਵਿਚੋਂ ਪ੍ਰਸ਼ਨ ਇਸ ਪ੍ਰਕਾਰ ਪੁੱਛੇ ਜਾਣਗੇ।

- (ੳ) ਹਰ ਭਾਗ ਵਿਚੋਂ 4-4 ਪ੍ਰਸ਼ਨ ਐਬਜੈਕਟਿਵ ਟਾਈਪ/ਮਲਟੀਪਲ ਚੋਣ ਵਾਲੇ ਹੋਣਗੇ।

ਅੰਕ  $4 + 4 = 8$

- (ਅ) ਹਰ ਇਕ ਭਾਗ ਵਿਚੋਂ 4-4 ਸੰਖੇਪ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਕੁਲ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨੇ ਹੋਣਗੇ। ਹਰ ਭਾਗ ਵਿਚ 2 ਪ੍ਰਸ਼ਨ ਲਾਜ਼ਮੀ ਹਨ।

ਅੰਕ  $5 + 5 = 10$

- (ੲ) ਹਰ ਇਕ ਭਾਗ ਵਿਚੋਂ 1-1 ਪ੍ਰਸ਼ਨ ਪੁਛਿਆ ਜਾਵੇਗਾ। ਇਕ ਪ੍ਰਸ਼ਨ ਹੱਲ ਕਰਨਾ ਹੋਵੇਗਾ। ਉੱਤਰ ਇਕ ਸਫੇ ਤੱਕ ਸੀਮਤ ਹੋਵੇ।

ਅੰਕ = 06

ਨੋਟ:- ਮੌਖਿਕ ਪ੍ਰੀਖਿਆ ਪਾਠ-ਪੁਸਤਕ ਤੇ ਹੀ ਅਧਾਰਿਤ ਹੋਵੇਗੀ। ਇਸ ਦੀ ਵਿਧੀ ਪ੍ਰੈਕਟੀਕਲ ਵਾਲੀ ਹੋਵੇਗੀ।

ਜਿਹੜੇ ਵਿਦਿਆਰਥੀ ਪੰਜਾਬ ਤੋਂ ਬਾਹਰਲੇ ਸੂਬੇ ਨਾਲ ਸਬੰਧ ਰੱਖਦੇ ਹਨ ਅਤੇ ਪੰਜਾਬੀ ਨਹੀਂ ਜਾਣਦੇ, ਉਹ ਵਿਦਿਆਰਥੀ ਕੁਆਲੀਫਾਇੰਗ ਪੰਜਾਬੀ ਦੀ ਥਾਂ ਤੇ ਪੰਜਾਬੀ ਮੁੱਢਲਾ ਗਿਆਨ ਵਿਸ਼ੇ ਦਾ ਪੇਪਰ ਦੇਣਗੇ।



**ਪੰਜਾਬੀ ਲਾਜ਼ਮੀ (ਮੁੱਢਲਾ ਗਿਆਨ)**  
(Special Paper in lieu of Punjab History & Culture)

ਕੁੱਲ ਅੰਕ : 100  
ਅੰਦਰੂਨੀ ਮੁਲਾਂਕਣ : 40  
ਬਾਹਰੀ ਮੁਲਾਂਕਣ : 60

ਪਾਸ ਅੰਕ : 35 ਪ੍ਰਤੀਸ਼ਤ  
ਸਮਾਂ : ਤਿੰਨ ਘੰਟੇ  
ਪੀਰੀਅਡ ਪ੍ਰਤੀ ਹਫ਼ਤਾ: 6

1. ਗੁਰਮੁਖੀ ਵਰਨਮਾਲਾ ਤੇ ਲੇਖਣ ਪ੍ਰਬੰਧ

- (ੳ) ਅੱਖਰ ਸਿੱਖਿਆ : ਤਰਤੀਬ ਤੇ ਭੁਲਾਵੇਂ ਅੱਖਰ  
(ਅ) ਅੱਖਰ ਬਣਤਰ : ਅੱਖਰ ਰੂਪ ਤੇ ਲੇਖਣ ਦੇ ਨਿਯਮ

15 ਅੰਕ

2. ਗੁਰਮੁਖੀ ਅੱਖਰ ਤੇ ਪੰਜਾਬੀ ਧੁਨੀਆਂ ਦਾ ਪ੍ਰਬੰਧ

- (ੳ) ਸਵਰ ਤੇ ਵਿਅੰਜਣ : ਵਰਗੀਕਰਨ ਦੇ ਸਿੱਧਾਂਤ ਤੇ ਉਚਾਰਨ।  
(ਅ) ਸਵਰ ਸੂਚਕ ਅੱਖਰਾਂ ਤੇ ਧੁਨੀਆਂ ਦੀ ਪਛਾਣ ਤੇ ਵਰਤੋਂ।  
(ੲ) ਵਿਅੰਜਣ ਸੂਚਕ ਅੱਖਰਾਂ ਤੇ ਧੁਨੀਆਂ ਦੀ ਪਛਾਣ ਤੇ ਵਰਤੋਂ।  
(ਸ) ਲਗਾ ਮਾਤਰਾ ਦੀ ਪਛਾਣ ਤੇ ਵਰਤੋਂ।  
(ਹ) ਲਗਾਅਖਰਾਂ ਦੀ ਪਛਾਣ ਤੇ ਵਰਤੋਂ।

15 ਅੰਕ

3. ਲਿਪੀ ਦੇ ਅੱਖਰਾਂ ਦੀ ਵਰਤੋਂ ਦੇ ਨਿਯਮ

- (ੳ) ਪੂਰੇ ਤੇ ਅੱਧੇ ਅੱਖਰ ਪਛਾਣ ਤੇ ਵਰਤੋਂ  
(ਅ) ਸਵਰ ਸੂਚਕ ਅੱਖਰਾਂ ਦੀ ਪਛਾਣ ਤੇ ਵਰਤੋਂ  
(ੲ) ਸਵਰ ਵਾਹਕਾਂ ਦੀ ਪਛਾਣ ਤੇ ਵਰਤੋਂ  
(ਸ) ਮਾਤਰਾ ਤੇ ਸਵਰ ਵਾਹਕਾਂ ਦੀ ਸਾਂਝੀ ਵਰਤੋਂ  
(ਹ) ਮਾਤਰਾਂ ਦੀ ਵਿਅੰਜਣ ਸੂਚਕਾਂ ਨਾਲ ਵਰਤੋਂ।

15 ਅੰਕ

4. ਪੰਜਾਬੀ ਸ਼ਬਦਾਵਲੀ ਨਾਲ ਜਾਣ ਪਛਾਣ

- (ੳ) ਗਿਣਤੀ  
(ਅ) ਹਫ਼ਤੇ ਦੇ ਦਿਨ  
(ੲ) ਰੰਗਾਂ ਦੇ ਨਾਂ  
(ਸ) ਪਸ਼ੂ ਪੰਛੀਆਂ ਦੇ ਨਾਂ  
(ਹ) ਪੰਜਾਬੀ ਰਿਸ਼ਤਾ-ਨਾਤਾ ਪ੍ਰਬੰਧ ਦੀ ਸ਼ਬਦਾਵਲੀ  
(ਕ) ਘਰੇਲੂ ਵਸਤਾਂ ਦੀ ਸ਼ਬਦਾਵਲੀ

15 ਅੰਕ

**ਪੇਪਰ ਸੈਟਰ ਲਈ ਹਦਾਇਤਾਂ**

ਹਰ ਭਾਗ ਨੂੰ 15-15 ਅੰਕਾਂ ਦੀ ਪ੍ਰਤੀਨਿਧਤਾ ਦਿੱਤੀ ਜਾਵੇ।

(ਵਿਦਿਆਰਥੀ ਪਹਿਲੀ ਵਾਰ ਗੁਰਮੁਖੀਲਿਪੀ ਸਿੱਖ ਰਹੇ ਹਨ। ਹੋ ਸਕਦਾ ਹੈ ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਤੋਂ ਵੀ ਅਨਜਾਣ ਹੋਣ, ਸੋ ਪ੍ਰਸ਼ਨਾਂ ਦਾ ਪੱਧਰ ਵਿਦਿਆਰਥੀ ਦੀ ਇਸ ਸੀਮਾ ਨੂੰ ਧਿਆਨ ਵਿਚ ਰੱਖਿਆ ਜਾਵੇ।)

### ਸਹਾਇਕ ਪੁਸਤਕਾਂ

1. ਸਤਿਨਾਮ ਸਿੰਘ ਸੰਧੂ, ਆਓ ਪੰਜਾਬੀ ਸਿਖੀਏ, ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 2009  
(ਹਿੰਦੀ ਤੋਂ ਪੰਜਾਬੀ ਸਿੱਖਣ ਲਈ)
2. ਸਤਿਨਾਮ ਸਿੰਘ ਸੰਧੂ, ਗੁਰਮੁਖੀ ਸਿੱਖੋ, ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 2011  
(ਅੰਗਰੇਜ਼ੀ ਤੋਂ ਪੰਜਾਬੀ ਸਿੱਖਣ ਲਈ)
3. ਸੀਤਾ ਰਾਮ ਬਾਹਰੀ, ਪੰਜਾਬੀ ਸਿਖੀਏ, ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 2002 (ਹਿੰਦੀ)
4. ਰਾਜਵਿੰਦਰ ਸਿੰਘ, ਪੰਜਾਬੀ ਗਿਆਨ ਸੀ.ਡੀ. (ਕੰਪਿਊਟਰ ਐਪਲੀਕੇਸ਼ਨ ਟੂ-ਲਰਨ ਐਂਡ ਟੀਚ ਪੰਜਾਬੀ) ,  
ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 2011
1. Hardev Bahri, Teach Yourself Punjab, Publication Bureau, Punjabi University, Patiala, 2011
2. Henry, A. Gleason and Harjeet Singh Gill, A Start in Punjabi, Publication Bureau, Punjabi University, Patiala. 1997.
3. Ujjal Singh Bahri and Paramjit Singh Walia, Introductory Punjabi, Publication Bureau, Punjabi University, Patiala. 2003.

## **Semester 2**

### **Paper V: Media Appreciation**

Max. Marks : 100  
Pass Marks : 35  
Time Allowed : 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

#### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

#### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

#### **Course Content**

##### **Section A**

Origin and growth of Films in the world; contribution of Muybridge, Edison, Lumiere brothers, Georges Melies, Edwin.S.Porter, George Eastman and W.D. Griffith. Nickelodeons, the First Feature-Length Films, Charles Chaplin and The Tramp, rise of Studios.

Development of Cinema in India, silent era, Talkies, golden age of Indian Cinema (1940-1960).

##### **Section B**

Indian Parallel Cinema: origin and growth and resurgence, Modern Indian Cinema, growth of regional Cinema.

Growth and development of Television in India; emerging trends of Television & Films in India; Hollywood vs. Bollywood.

#### **Text and References**

- Cinema Studies, The Key Concepts (3rd ed.): Susan Haywood, London: Routledge
- How to Read a Film: James Monaco. New York: OUP, 2000
- Genre and Contemporary Hollywood: Steve Neal (ed.). London: BFI, 2002
- An Introduction to Film Studies: Jill Nelmes (ed.). London: Routledge, 2007
- An International History of The Medium: Robert Sklar. Film: London: Thames & Hudson, 1993
- Film History: An Introduction (2nd ed.): Kristin Thompson & David Bordwell. New York: McGraw-Hill

## **Paper VI: Video & Broadcast Technology**

Max. Marks : 100  
Pass Marks : 35  
Time Allowed : 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

#### **Course Content**

##### **Section A**

Video and Broadcast Technology—Analogue and Digital technology, frame and field, scanning process, Interlaced and Progressive scanning, Composite video signal, Component video signal, Resolution, Aspect ratio. CCU, Colour bars, Vectorscope, Waveform monitor, Broadcast standards- - NTSC, PAL, SECAM and HDTV, Telecine.

Video formats; types of Videotapes; Analogue tape, Digital tape. Video compression, Sampling, Intra and Inter frame compression, TBC, Camera cables, connectors, SMPTE Time Code, Control track, eyeballing- monitor setup.

##### **Section B**

ENG equipment and Technology; DSNG Van equipped with PCR and Transmission facilities; transmission through mobile phones and microwave transmitters. EFP; OB Vans.

Transmission technologies—Terrestrial transmission; Satellite and Cable broadcasting; Up linking and Down linking, Conditional Access System, DTH; IPTV.

***Practical:** Physical demonstration of camera parts and presentation on broadcast technologies.*

#### **Text and References**

- TV Production:Gerald Millerson, Focal Press
- Film Production: Steven Bernstein, Focal Press
- Creating Special Effects for TV and Video:Barnard Wilkie
- Single Camera Video Production:R.B. Musburger
- Television Production Handbook:Zettl, Herbert, Published, Thomson Wadsworth

## **Paper VII: Radio and Sound Technology**

Max. Marks : 100  
Pass Marks : 35  
Time Allowed : 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

#### **Course Content**

#### **Section A**

Public vs Private broadcasting systems in India; Radio Broadcasting Systems--MW, SW, FM; Internet Radio, Podcasting; Satellite Radio, Community Radio.

Scriptwriting for different formats of Radio, Elements of Radio scripts; Listing, scheduling and traffic management; Importance of Audience Surveys. Types and formats of Radio programmes--News, Music, Interviews, Talks, Dramas, Discussions, Off-tube commentary, Features, Documentaries, Jingles, Phone-ins, Roadshows, Radio bridges, Spots, Sponsored programmes, Sponsorship and Info-commercials.

#### **Section B**

:Basic of sound waves, Types of microphones, characteristics of microphones. Audio mixers and controls, equalizers- graphic and parametric, noise gate, filters, compressor, expander, limiters, dynamic range, and gain controls.

Evolution of film sound, optical sound track, Audio formats, Dolby, digital sound, types of recorders- open reel, cassette recorders and Digital. Analogue and Digital Audio, bit, sampling, multi-track recording.

***Practical:*** Scriptwriting for various types and formats of Radio programmes; conducting roadshows and phone-in-programmes.

#### **Text and References**

- Mass Communication and Journalism in India: D.S. Mehta, Allied Publishers Limited
- Mass Communication In India: Keval J. Kumar, Jaico Publishing House, Mumbai
- Understanding Mass Communications: Defleur / Dennis, Goyalsaab Publishers, New Delhi
- Broadcasting in India: P.C. Chatterjee, Sage Publication, New Delhi
- Broadcast Journalism: Boyd Andrew, Focal Press, London
- News Writing for Radio and T.V: K.M. Shrivastava, Sterling Publication New Delhi
- This is All India Radio: P.C. Chatterjee, Publication Division, New Delhi
- News Writing: George A. Hough, Kanishka Publication, New Delhi

## **Paper VIII: Media and Computer Technology**

Max. Marks 100  
Pass Marks: 35  
Time Allowed: 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A, B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions, which will cover the entire syllabus uniformly and will carry 20 marks in all.

### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two questions each from the sections A and B of the question paper and the entire section C.

### **Course Content**

#### ***Section A***

Introduction to computers operating systems; Files and folders; Memory and storage devices; RAM, ROM. Computer types-- Handheld computers, Desktops, Workstations, Supercomputers; Internet; Networking; E-mailing, Computer security. Basic understanding of Dynamic and Static Websites; Elements of a web page, Basics of Meta-tagging.

#### ***Section B***

Introduction to New Media Technology, Historical Perspective of Internet, Communication and Information Technology; Basic understanding of Internet and World Wide Web, Blogs, Social Networking websites: Merits and demerits of Social Networking websites, Conceptual understanding of Media Convergence, Mobiles as a means of communication in context of Media Convergence. Cyber Journalism; e-Newspapers; e-books; E-TV Channels; Merits and demerits of Cyber Journalism.

### **Text and References:**

- Operating Systems: W. Stalling, Prentice Hall of India
- Computer Organization and Architecture: W. Stalling, Prentice Hall of India
- Easy Computer Basics: Michael Miller
- Computer Graphics: D Harm, Barker, Prentice Hall of India
- Computer Networks: A.S. Tenebaun, Prentice Hall of India
- Dats Communication and Networking: B.A. Forouzan, Tats McGraw Hill
- Multi-media Making it Work: T. Vaujhan
- Multi-media Technology and Applications: Jeffcoate, Prentice Hall of India

**ਪੰਜਾਬੀ ਲਾਜ਼ਮੀ (ਮੁੱਢਲਾ ਗਿਆਨ)**  
(Special Paper in lieu of Punjab History & Culture)

ਕੁੱਲ ਅੰਕ : 100  
ਅੰਦਰੂਨੀ ਮੁਲਾਂਕਣ : 40  
ਬਾਹਰੀ ਮੁਲਾਂਕਣ : 60

ਪਾਸ ਅੰਕ : 35 ਪ੍ਰਤੀਸ਼ਤ  
ਸਮਾਂ : ਤਿੰਨ ਘੰਟੇ  
ਪੀਰੀਅਡ ਪ੍ਰਤੀ ਹਫ਼ਤਾ: 6

1. ਸ਼ਬਦ ਪ੍ਰਬੰਧ : ਸ਼ਬਦ ਜੋੜਾ ਦੀ ਵਰਤੋਂ  
  
(ੳ) ਦੋ ਅੱਖਰੀ ਸ਼ਬਦਾਂ ਦੇ ਸ਼ਬਦ ਜੋੜ  
(ਅ) ਤਿੰਨ ਅੱਖਰੀ ਸ਼ਬਦਾਂ ਦੇ ਸ਼ਬਦ ਜੋੜ  
(ੲ) ਬਹੁ-ਅੱਖਰੀ ਸ਼ਬਦਾਂ ਦੇ ਸ਼ਬਦ ਜੋੜ 15 ਅੰਕ
  
2. ਸ਼ਬਦਾਂ ਦੀਆਂ ਸ਼੍ਰੇਣੀਆਂ ਤੇ ਵਿਆਕਰਨਕ ਵਰਗਾਂ ਦੀ ਪਛਾਣ  
  
(ੳ) ਸ਼ਬਦਾਂ ਦੀਆਂ ਸ਼੍ਰੇਣੀਆਂ ਦਾ ਸਿਧਾਂਤ, ਪਛਾਣ ਤੇ ਵਰਤੋਂ  
(ਨਾਂਵ, ਪੜਨਾਵ, ਵਿਸ਼ੇਸ਼ਣ, ਕਿਰਿਆ, ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ ਆਦਿ)  
(ਅ) ਵਿਆਕਰਨਕ ਵਰਗਾਂ ਦੀ ਪਛਾਣ ਤੇ ਵਰਤੋਂ।  
(ਲਿੰਗ, ਵਚਨ, ਪੁਰਖ, ਕਾਲ ਆਦਿ) 15 ਅੰਕ
  
3. ਸ਼ਬਦ ਬਣਤਰਾਂ ਤੇ ਵਿਆਕਰਨਕ ਇਕਾਈਆਂ ਦਾ ਸਿਧਾਂਤ, ਪਛਾਣ ਤੇ ਵਰਤੋਂ  
  
(ੳ) ਪੰਜਾਬੀ ਸ਼ਬਦ ਬਣਤਰਾਂ ਦਾ ਸਿਧਾਂਤ, ਪਛਾਣ ਤੇ ਵਰਤੋਂ  
(ਅਗੇਤਰ, ਪਿਛੇਤਰ, ਸਮਾਸ, ਦੁਹਰਕਤੀ)  
(ਅ) ਵਿਆਕਰਨਕ ਇਕਾਈਆਂ ਦਾ ਸਿਧਾਂਤ, ਪਛਾਣ ਤੇ ਵਰਤੋਂ  
(ਵਾਕੰਸ਼, ਉਪ-ਵਾਕ ਅਤੇ ਵਾਕ)  
(ੲ) ਸ਼ਬਦਾਂ ਦਾ ਵਿਆਕਰਨਕ ਮੇਲ ਸਿਧਾਂਤ ਤੇ ਵਿਹਾਰ 15 ਅੰਕ
  
4. ਵਿਸ਼ਰਾਮ ਚਿੰਨ੍ਹਾਂ ਦੀ ਪਛਾਣ ਤੇ ਵਰਤੋਂ 15 ਅੰਕ

**ਪੇਪਰ ਸੈਟਰ ਲਈ ਹਦਾਇਤਾਂ**

ਹਰ ਭਾਗ ਨੂੰ 15-15 ਅੰਕਾਂ ਦੀ ਪ੍ਰਤੀਨਿਧਤਾ ਦਿੱਤੀ ਜਾਵੇ।

(ਵਿਦਿਆਰਥੀ ਪਹਿਲੀ ਵਾਰ ਗੁਰਮੁਖੀਲਿਪੀ ਸਿੱਖ ਰਹੇ ਹਨ। ਹੋ ਸਕਦਾ ਹੈ ਵਿਦਿਆਰਥੀ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਤੋਂ ਵੀ ਅਨਜਾਣ ਹੋਣ, ਸੋ ਪ੍ਰਸ਼ਨਾਂ ਦਾ ਪੱਧਰ ਵਿਦਿਆਰਥੀ ਦੀ ਇਸ ਸੀਮਾ ਨੂੰ ਧਿਆਨ ਵਿਚ ਰੱਖਿਆ ਜਾਵੇ।)

### ਸਹਾਇਕ ਪੁਸਤਕਾਂ

1. ਸਤਿਨਾਮ ਸਿੰਘ ਸੰਧੂ, ਆਓ ਪੰਜਾਬੀ ਸਿਖੀਏ, ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 2009  
(ਹਿੰਦੀ ਤੋਂ ਪੰਜਾਬੀ ਸਿੱਖਣ ਲਈ)
2. ਸਤਿਨਾਮ ਸਿੰਘ ਸੰਧੂ, ਗੁਰਮੁਖੀ ਸਿੱਖੋ, ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 2011  
(ਅੰਗਰੇਜ਼ੀ ਤੋਂ ਪੰਜਾਬੀ ਸਿੱਖਣ ਲਈ)
3. ਸੀਤਾ ਰਾਮ ਬਾਹਰੀ, ਪੰਜਾਬੀ ਸਿਖੀਏ, ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 2002 (ਹਿੰਦੀ)
4. ਰਾਜਵਿੰਦਰ ਸਿੰਘ, ਪੰਜਾਬੀ ਗਿਆਨ ਸੀ.ਡੀ. (ਕੰਪਿਊਟਰ ਐਪਲੀਕੇਸ਼ਨ ਟੂ-ਲਰਨ ਐਂਡ ਟੀਚ ਪੰਜਾਬੀ) ,  
ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 2011
1. Hardev Bahri, Teach Yourself Punjab, Publication Bureau, Punjabi University, Patiala, 2011
2. Henry, A. Gleason and Harjeet Singh Gill, A Start in Punjabi, Publication Bureau, Punjabi University, Patiala. 1997.
3. Ujjal Singh Bahri and Paramjit Singh Walia, Introductory Punjabi, Publication Bureau, Punjabi University, Patiala. 2003.



## **Semester 3**

### **Paper IX: Production Management**

Max. Marks : 100  
Pass Marks : 35  
Time Allowed : 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

#### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

#### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

#### **Course Content**

##### **Section A**

Various stages of motion picture production; Preproduction stage; Production stage; Postproduction stage, Above-the-line and Below-the-line personnel; key departments in film making.

Production Manager's job, Process of production management, Preparing for production: script break-down, shooting schedule. Production team: executive producer, Producer, co-producer, line producer, post production manager, associate producer.

##### **Section B**

Motion picture production- preparation of budget for various types of films, Low-budget productions, Movie expensive: screenplay, location, film format, crew, actors, equipments, insurance, post production, special effects, making deals.

Cast and Crew hiring procedures, crew duties, Actors, Agents, contracts and agreements, Working permits, Budget and production budget forms.

***Practical:** Preparation of various production forms; presentation on various production activities.*

#### **Text and References**

- Fundamentals of Television Production: Donald, Ralph & Spann, Published 2000, Blackwell Publishing
- Film Production Management: Bastian Clevé, Published 2003, Focal Press
- Editing Today: Smith, Ron F. & O'Connell, L.M, Published 2003, Blackwell Publishing
- Television Production Handbook: Zettl, Herbert, Published 2005, Thomson Wadsworth.
- Art and Production: Sarkar, N.N
- TV Production: Gerald Millerson, Published 1993, Focal Press

## **Paper X: Motion Picture Photography**

Max. Marks : 100  
Pass Marks : 35  
Time Allowed : 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

#### **Course Content**

##### **Section A**

Video: Illusion of movement, Frame rate, PAL, NTSC, Aspect ratio, Progressive and interlaced, Analog and digital cameras; Recording formats: SD, HD, 2K, 4K; Transfer Cables: Fire wire, Composite, Component, SDI; Recording Medium: Analog tapes, Digital Tapes, Disk Storage, Optical medium; Broadcasting and commonly used compressions; 3CCD video camera structure: Beam Splitter, Matrix encoder; Camera Types: Studio & Field production cameras, Film vs. Video camera; Parameters of video camera: White balance, Black balance, Focal Length, F-stops, Shutter speed, Zebra, Depth-of-Field; Lenses: Prime, Telephoto, Wide, Zoom, Normal, ND Filters, FX Filters, Lens shades; Focusing methods: Selective focus, Follow focus, Rack focus, Auto focus; Screen grammar: Types of Shots, Camera movements.

##### **Section B**

Theory of dynamic composition: the impression of movement, restriction of movement, and restriction of movement by masses. Guidelines for Composition: Rule of thirds, 30 degree rule, Line of imagination, inserts, cutaways; Framing: Safety margins, Framing still and moving people (looking room, head room); Visual Patterns: Curved, Straight & Zigzag lines; Production Methods: Single Camera & Multi Camera Shoots, Master shot method; Camera supports and Mounts; Camera Support: Choosing the support, Hand held cameras, shoulder mounted cameras, fixed cameras; Camera mountings: Collapsible tripod, spider, pneumatic tripod, rolling tripod; Camera Pedestals: Lightweight/field pedestals, studio pedestals; Camera Cranes: Jib arms, Jib mountings, jib movements, small and large cranes, high hat, bean bag, remotely controlled cameras.

#### **Text and References**

- Fundamentals of Television Production: Donald, Ralph & Spann, Published 2000, Blackwell Publishing
- Film Production Management: Bastian Clevé, Published 2003, Focal Press
- Editing Today: Smith, Ron F. & O'Connell, L.M, Published 2003, Blackwell Publishing
- Television Production Handbook: Zettl, Herbert, Published 2005, Thomson Wadsworth.
- Art and Production: Sarkar, N.N
- TV Production: Gerald Millerson, Published 1993, Focal Press

## **Paper XI: Current Affairs and General Awareness**

Max. Marks : 100  
Pass Marks : 35  
Time Allowed : 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

#### **Course Content**

#### **Section A**

**Regional:** Major political parties of Punjab; Structure and functioning of Punjab Government; Daily mega-events and happenings in Punjab. Prominent personalities having remained in news during the session especially in the field of Media; Politics and Punjabi films

**National:** Major political parties of India; Indian constitution; Prominent personalities having remained in news during the session especially in the field of Media, Politics & Hindi films.

#### **Section B**

**International:** World's most influential leaders, organizations; Latest issues and prominent personalities having remained in news during the session especially in the field of Media, Politics & Films.

A deep and analytical study of major current regional, national, international events and personalities highlighted by media during the semester everyday by groups of students decided by the concerned teacher; Preparation and presentation of at least two reports of 10 minutes each, based on clipping files from newspapers and magazines, including one related to Sports, TV and/or Films.

*Practical:* Class Presentations, Assignments on major issues and Group discussions, Quiz and Anchoring.

## **Paper XII: Script Writing**

Max. Marks : 100  
Pass Marks : 35  
Time Allowed : 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

#### **Course Content**

#### **Section A**

Writing Proposals, Synopsis, Treatment, Step-outline, Loglines and Outliner; Spec Scripts.

Characterization, Character designing: personality, goal, conflict- internal and external, motivation, reluctant hero, iron will, underdog, imperfections, Character's Arc- change and transformation, Audience Identification and voyeurism, types of Characters, key flaws, secondary Characters.

#### **Section B**

Narrative structure, Plot, Time and Space, Three act structure, Conflict and drama in narrative, plot and sub plot, Non Linear structures and Multiple narrative.

Script Design, Script formatting, Shooting Script, Script Elements, Writing Dialogues, Point-of-view; Use of sound in Script.

***Practical:*** Writing Film Proposals; Writing Script for Short Films; Presentation on script writing.

#### **Text and References**

- Adventures in the Screen Trade by William Goldman, Grand Central Publishing (March 10, 1989)
- Four Screenplays with Essays: Marathon Man, Butch Cassidy and the Sundance Kid, Applause Books (May 1, 2000)
- 500 Ways to Beat the Hollywood Script Reader by Jennifer M. Lerch, Fireside Books, 1999.
- The Screenwriter's Bible: A Complete Guide to Writing, Formatting, and Selling Your Script by David Trottier, Silman-James Press; 4 edition (August 20, 2005)

## Semester 4

### Paper XIII: Lighting

Max. Marks : 100  
Pass Marks : 35  
Time Allowed : 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

#### **Course Content**

#### **Section A**

Introduction to lighting: Why do we need to light, mandatory light, creative light, directing attention, Characteristics of light: Quality, quantity, color temperature; Basic lighting principals: Frontal lighting, side light, back light, lamp height, three point lighting; Measuring Light: Light meters, controlling light intensity, inverse square law, changing quality, changing color temperature

Light planning: The subject, the cameras, surroundings, atmosphere; Lighting on location: Natural light, night lighting, public events, frugal lighting; Light approaches: The look and light method, the plot and light method, studio shoots; Motion picture lighting: The master scene, shot by shot lighting and continuity problems

#### **Section B**

Lighting Styles: Silhouette, Notan and Chiaroscuro; Pictorial effect: Low key, very low key, high key, very high key; Natural Lighting: Sunlight and the realities, overhead soft light, directing attention, revealing and concealing facts; Decorative Lighting: Animated Lighting, cyclorama, projected patterns, cast shadows, light patterns, light movement.

Soft and hard light sources: Scoop, flood bank, fluorescent bank, Fresnel, projection spotlight; Light fixtures and support: Pipe grid, C-clamp fitting, pantograph, light stands, boom light; Light Accessories: Barn door, scrims, gobos, flags, diffusers, dimmers; Light sources: Regular tungsten lamps, studio tungsten lamps, tungsten halogen(quartz) lamps, internal reflector lamp, metal halides

***Practical:** Demonstration on Lighting Techniques; Physical demonstration of Lighting Instruments.*

#### **Text and References**

- Motion Picture and Video Lighting, Brown: Blain, Focal Press, 1996
- Film and Video Terms and Concepts: Ferncase, Richard K. Boston: Focal Press, 1995
- Television Production Handbook: Zettl, Herbert Published 2005, Thomson Wadsworth
- TV Production: Gerald Millerson Published 1993, Focal Press

## **Paper XIV: Current Affairs and General Awareness**

Max. Marks : 100  
Pass Marks : 35  
Time Allowed : 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

#### **Course Content**

#### **Section A**

**Regional:** Major political parties of Punjab; Structure and functioning of Punjab Government; Daily mega-events and happenings in Punjab. Prominent personalities having remained in news during the session especially in the field of Media; Politics and Punjabi films

**National:** Major political parties of India; Indian constitution; Prominent personalities having remained in news during the session especially in the field of Media, Politics & Hindi films.

#### **Section B**

**International:** World's most influential leaders, organizations; Latest issues and prominent personalities having remained in news during the session especially in the field of Media, Politics & Films.

A deep and analytical study of major current regional, national, international events and personalities highlighted by media during the semester everyday by groups of students decided by the concerned teacher; Preparation and presentation of at least two reports of 10 minutes each, based on clipping files from newspapers and magazines, including one related to Sports, TV and/or Films.

*Practical:* Class Presentations, Assignments on major issues and Group discussions, Quiz and Anchoring.

## **Paper XV: Film Editing**

Max. Marks : 100  
Pass Marks : 35  
Time Allowed : 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

#### **Course Content**

##### **Section A**

History of Film Editing: Griffith dramatic emphasis, Pudovkin constructive editing, relational editing, Kuleshov contribution and Eisenstein Montage theory- metric montage, rhythmic montage, tonal montage, over-tonal montage and intellectual montage..

Reviewing the footage for selecting shots, Transitions; Screen Direction, 180 degree and 30 degree rule; Matching Angles, Eye-line, Matching Tone, Continuity of Action, Dialogue, Content, Movement and Sound. Timing, Rhythm, Pace.

##### **Section B**

Linear and Non-linear Editing, on-line and off-line editing, in cam edit.

**Final cut pro/adobe premiere pro-** logging and capture, batch capture, capture settings, scratch disk, toolbar, Timeline, Canvas, Viewer, Safe area, Video and audio layers, Transitions, Video and Audio filters, Keying, Chroma settings. Export options, EDL and various compression ratios.

#### **Text and References**

- Nonlinear Editing :Media Mannel; Morris, Patrick, Published 1999 Focal Press
- Writing and Producing Television News: Gormly, Eric K, Ames, Iowa: Blackwell Publishing
- Fundamentals of Television Production: Donald, Ralph & Spann, T
- Editing Today: Smith, Ron F. & O'Connell, L.M, Blackwell Publishing
- Television Production Handbook: Zettl, Herbert Published 2005, Thomson Wadsworth

## **Paper XVI: Acting for TV and Films**

Max. Marks : 100  
Pass Marks : 35  
Time Allowed : 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

#### **Course Content**

##### **Section A**

Concept of Acting in Indian Classical theatre. Western styles of theatre acting.

Basics of the following: Acting in Grotowski's Poor Theatre, Modern concept of Actor training with reference to Meyerhold, Bertold Brecht and Constantin Stanislavsky; Artaudian acting, Theatre of Cruelty; Theatre of Absurd.

##### **Section B**

Acting for Camera –Knowledge of camera frames and movement within the confines of a frame, blocking, difference between theatre and Camera acting, Concentration.

Acting consistently for different takes, acting scenes out of order, Auditions, acting exercises. Art of Dubbing.

***Practical:** Rhythmic movements and improvisation; exercises in mime. Adaptation of short story, novel or drama for TV production. Exercises for Television Acting – movements, speech and action reaction exercises. Dialogue and voice exercises.*

#### **Text and References**

- Acting: the First Six Lessons: Boleslavsky, Richard. New York: Theatre Arts, 1987
- Respect for Acting:Hagen, Uta. 1973. New York: Macmillan
- Twentieth Century Actor Training:Hodge, Alison, ed. 2000. London and New York, Routledge
- An Actor's Work: A Student's Diary, Stanislavski, Konstantin. 1938. Trans. and ed. Jean Benedetti. London: Routledge, 2008
- The Art of Film Acting:JeremiahComey. Focal Press 2002
- Acting (Re) Considered:Philips B Zarrilli. Routeledge 2002
- Acting for Film: Cathy Hassey, Allworth Press



## **Environmental and Road Safety Awareness**

Time Allowed : 3 hours

Total Marks : 100

Total lectures : 50

Pass marks : 35

### **Instructions**

- a) The paper has been introduced from the session 2013-14.
- b) The paper will be taught in the Second year/fourth Semester of all the U.G. Courses (B.A., B.Com., B.Sc., Law, Engineering, Commerce, Agriculture etc.) except LL.B. three year course and will be a qualifying paper only. The marks of this paper will not be counted towards final score of the under graduate degree.
- c) This will cover only preliminary and basics of the subject and the paper will be set accordingly.
- d) The written paper will have two parts. Each part of the paper will be of 50 marks and will contain ten questions. The candidates will attempt five questions out of each part. The answer to each question should not exceed 500 words. Each question will carry ten marks.

### **Section – I**

**Unit 1 :** The multidisciplinary nature of environmental studies. Definition, scope and importance

- Concept of Biosphere – Lithosphere, Hydrosphere, Atmosphere.
- Need for public awareness (6 lectures)

**Unit – 2** Natural Resources – Renewable and non-renewable resources.

- Natural resources and associated problems.
  - a) Forest resources : use and over exploitation, deforestation and its impact.
  - b) Water resources ; use and overutilization of surface and ground water and its impact.
  - c) Mineral resources : use and effects on environment on over exploitation.
  - d) Food resources : Effects modern agriculture, fertilizer-pesticide problem, water logging and salinity.
  - e) Energy resources : Growing energy needs, renewable and non-renewable energy sources, use of alternate energy resources.
  - f) Role of an individual in conservation of natural resources for sustainable development. (7 lectures)

### **Unit 3 : Ecosystems**

- Ecosystem and its components : Definition, structure and function; producer, consumer and decomposer.
- Types of Ecosystem (Introduction only)
- Food Chains, food web and ecological pyramids (6 lectures)

### **Unit – 4 : Biodiversity and conservation**

- Introduction – Definition : genetic, species and ecosystem diversity, value of biodiversity.
- Hot spots of biodiversity
- Threats to biodiversity : habitat loss, poaching of wildlife, man-wildlife conflicts.
- Endangered and endemic species of India.
- Conservation of Biodiversity. (6 lectures)

## **Section – II**

### **Units 5 : Environmental Pollution**

- Definition, causes, effects and control measures of
  - a) Air pollution
  - b) Water pollution
  - c) Soil pollution
  - d) Marine pollution
  - e) Noise pollution
  - f) Thermal pollution
  - g) Nuclear hazard
- Role of an individual in prevention of pollution.
- Solid waste management: vermicomposting.
- Disaster management : Floods, earthquake, cyclone and landslides (7 lectures)

### **Unit 6: Social Issues and the Environment**

- Urban problems related to energy.
- Water conservation rain water harvesting, water shed management.
- Resettlement and rehabilitation of people : its problems and concerns.
- Climate changes, global warming, acid rain, ozone layer depletion.
- Consumerism and waste products.
- Population explosion – Family welfare programme (6 lectures)

### **Unit 7 : Introduction to Environmental Protection Laws in India**

- Environmental Protection Act.
- Air (Prevention and control of pollution) Act.
- Water (Prevention and Control of pollution) Act.
- Wild life Protection Act.
- Forest Conservation Act.
- Issues involved in the enforcement of environmental legislation. (6 lectures)

**Unit 8 : Road safety Awareness**

- Concept and significance of Road safety.
- Traffic signs.
- Traffic rules.
- Traffic Offences and penalties.
- How to obtain license.
- Role of first aid in Road Safety.

(6 lectures)

## **SEMESTER-5**

### **Paper XVIII: Film Studies (Internal)**

Max. Marks 100  
Pass Marks: 35

Continuous Internal Evaluation: 80 Marks  
Internal Assessment: 20 Marks

### **INSTRUCTIONS FOR THE CANDIDATES**

*Candidates will be required to submit assignments from each section and perform the tasks given by the teacher(s) during the entire period of the semester. Evaluation will be done on the basis of quality of assignments and viva voce. Each section will carry 20 marks.*

#### **Course Content**

##### **Section A**

Reading and understanding films; Film genres- Short film, Ad films, Documentaries; Docudramas, Feature films etc.; The frame, composition and design; Use of time and space, Aesthetical and technical aspects of films; Experimental and other types of Cinema.

Critically examining various types/genres of TV programmes/ads and writing reports as directed by the teacher

##### **Section B**

Critically examining films to write film reviews as directed by the teacher

Preparing clipping files relating to some prominent personalities/ places/ events/happenings during the semester as directed by the teacher; Participation in Debate, Declamation and Quiz programmes

#### **Text and References**

- Bollywood: A History by Mihir Bose
- The Essential Mystery by John W Hood
- Understanding Movies, by Louis Giannetti, Prentice Hall
- Film Magazines
- Prominent Newspaper and Magazines

## **Paper XIX: TV News Production**

Max. Marks : 100  
Pass Marks : 35  
Time Allowed : 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

#### **Course Content**

#### **Section A**

Introduction to TV journalism: Basic contours and characteristics of TV news Journalism, News Value, TV news room- hierarchy, role of each element in hierarchy, Editorial meetings, Terms and Jargon.

Television reporting- qualities and attributes of a broadcast reporter. Reporting from field, PTC delivery- types and techniques. Live reporting, TV Interview, Interview techniques.

#### **Section B**

TV News Bulletin, Producing a Running Order – Agenda Setting, Item selection and order, show openers, headlines, making the program fit- cutting, filling. Preparing a Package, Script Writing, various elements of a Broadcast News Script.

Basic principles of TV News presentation. The TV News Anchor—qualities, roles, skills, Studio and camera facing techniques; Doing Voice over, Breathing and reading techniques, Ethics and responsibilities.

*Practical: News reading and Anchoring exercises.*

#### **Text and References**

- Reporting Live by Lesley Stahl (Hardcover- Jan 1999)
- Broadcast Journalism, Brad Schultz, Published 2005  
Sage Publications Inc
- TV journalism, Boyd Andrew, Published 1997, Focal Press
- Gormly, Eric K. *Writing and Producing Television News*. Second ed. Ames, Iowa: Blackwell Publishing, 2004. Fundamentals of Television Production; Donald, Ralph & Spann, T

## **Paper XX: Digital Arts and Graphics**

Max. Marks : 100  
Pass Marks : 35  
Time Allowed : 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

#### **Course Content**

##### **Section A**

Introduction to digital art; Working knowledge of digital image structure; Understanding of file size, bit depth, image modes, channels, file format and resolution; Hardware requirements in digital imaging; Make decisions about the most appropriate form of digital output; Options for scanning images; High quality digital images: RAW files.

Understanding of how colour is formed and defined in the digital medium; Appropriate pixel dimensions for required output needs; Resize and crop images to optimum; Adjust colour, tonality and sharpness of digital images; Duplicate, optimize and save image files for print and for web; Creative techniques to enhance and optimize images; Control shadow and highlight tonality whilst preserving mid-tone contrast.

##### **Section B**

Explore the creative potential of post-production image editing; selectively convert RGB images into black and white, Tone images using the Gradient Map technique, Control apparent depth-of-field using Gaussian Blur and Lens Blur techniques; The procedures involved in using a digital camera: appropriate workflow in the creation of the final image & workflow suitable for various types of photographic capture; Importance of file management; the power and importance of meta-data.

Procedures involved in producing printed outputs that match colour expectations; Managed workflows, Outcomes of the workflows, working colour space and there selection Colour management policies; Understand the procedures involved in printing a digital image; how to control an image when translated onto a paper surface; Print digital image files using ICC profiles; Know how to preview using soft proofing.

#### **Text and References**

- A complete Guide to Digital Graphic Design by Thames & Hudson The Ilex Press Limited (2005).
- Digital Imaging by Mark Galer & Les Horvat Focal Press (2005).
- Creative Photoshop CS5: Digital Illustration and Art Techniques by Darek Lea Focal Press (March 24, 2009)

*Practical: Preparation of Graphic Art Projects based on above mentioned topics*

## **Paper XXI: Current Affairs and General Awareness**

Max. Marks : 100  
Pass Marks : 35  
Time Allowed : 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

#### **Course Content**

#### **Section A**

**Regional:** Major political parties of Punjab; Structure and functioning of Punjab Government; Daily mega-events and happenings in Punjab. Prominent personalities having remained in news during the session especially in the field of Media; Politics and Punjabi films

**National:** Major political parties of India; Indian constitution; Prominent personalities having remained in news during the session especially in the field of Media, Politics & Hindi films.

#### **Section B**

**International:** World's most influential leaders, organizations; Latest issues and prominent personalities having remained in news during the session especially in the field of Media, Politics & Films.

A deep and analytical study of major current regional, national, international events and personalities highlighted by media during the semester everyday by groups of students decided by the concerned teacher; Preparation and presentation of at least two reports of 10 minutes each, based on clipping files from newspapers and magazines, including one related to Sports, TV and/or Films.

*Practical:* Class Presentations, Assignments on major issues and Group discussions, Quiz and Anchoring.

**Semester 6**  
**Paper XXIII: Research Applications in Filmmaking**

Max. Marks : 100  
Pass Marks : 35  
Time Allowed : 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

**INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

**INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

**Course Content**

**Section A**

Defining Research; Elements of research; Search vs. research; Functions & objectives of research; Types of research; Qualitative & quantitative research studies; Review of literature

Nature & scope of mass communication research; Application of relevant communication theories & models in mass communication research; Research design & its types; An overview of research methods relevant to filmmaking—Focus Group, Observational, Historical, Content Analysis; Interviews and Surveys

**Section B**

Research as important component of filmmaking; Genres of film- Documentary, Docudrama and Feature films; Scriptwriting & its types; Importance of research in scriptwriting; Sources of retrieving research material for various genres of film

Research strategy for films; Converting research material into screenplays; Steps and stages in filmmaking- Preproduction, Production and Postproduction; Importance of research in various stages of film making-Location hunting; Title finalising; Budgeting and marketing

**Text and References**

- Understanding Audiences: Andy Ruddock, Sage Publications
- Mass Media Research: Roger Wimmer and Joseph Dominick, Thomson Wadsworth publishers
- Mass Communication Theory: Stanley Baran and Dennis Davis, Thomson Wadsworth publishers
- Understanding Mass Communication: DeFleur/Dennis
- Communication Theories and Models, Dr. Andal N.
- Research Methodology: C.R. Kothari



## **Paper XXIV: Production Design**

Max. Marks : 100  
Pass Marks : 35  
Time Allowed : 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

#### **Course Content**

#### **Section A**

Introduction, role of a production designer; Screenplay breakdown, Set decoration, Props, Visual theme, finding the look of the Film, Psychological nature of Production Design. Translating the Narrative into Visual Ideas, Interpreting the Characters Visually Establishing an Environment for Cinematic Storytelling.

Pre-Production activities, Color and Texture; Architectural inputs; Research for Production design; The Design Team and Personnel.

#### **Section B**

Designing for different genres, Production procedures. Digital production design, Matte Painting, Scale modeling.

The requirement of Make-up in Films and TV; Basic and Corrective make up; Character make up; Aging; Working with hair: Styling; using Wigs; Special effects: Fake blood, Prosthesis, Life Casts. Role and responsibilities of Costume Designer and assistant Costume Designer, Specialty Costume.

*Practical: Preparing a Studio or Outdoor Set, Costume and Make-Up demonstration.*

#### **Text and References**

- Fundamentals of Television Production: Donald, Ralph & Spann, Published 2000, Blackwell Publishing
- Film Production Management: Bastian Clevé, Published 2003, Focal Press
- Editing Today: Smith, Ron F. & O'Connell, L.M, Published 2003, Blackwell Publishing
- Television Production Handbook: Zettl, Herbert, Published 2005, Thomson Wadsworth.
- Art and Production: Sarkar, N.N
- TV Production: Gerald Millerson, Focal Press

## **Paper XXV: Digital Compositing**

Max. Marks : 100  
Pass Marks : 35  
Time Allowed : 3 Hours

Theory: 60 Marks  
Practical: 20 Marks  
Internal Assessment: 20 Marks

### **INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

### **INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

#### **Course Content**

#### **Section A**

Introduction to Digital Compositing techniques; Basic Composition Settings: Nesting, Pre-Composing, Parental Hierarchy, Null object; Masks and Mattes: Alpha Mattes, Luma Mattes, Apply Modes; Refining mattes: Matte monitor, Garbage mattes, Filtering the matte; Despill.

The composite: The compositing operation, The processed foreground method, The add mix composite, Refining the composite, Stereo compositing; CGI Compositing: Depth Compositing, Premultiply and unpremultiply, Multi-pass CGI Compositing, HDR Images, 3D compositing; Blending: Blending operations(image blending operations), Adobe Photoshop blending modes; Slot gags.

#### **Section B**

Matching light space: Brightness, contrast, blackpoints, white points, midtones, Histogram matching; Colour matching: Grayscale balancing, Matching flesh tones, Light direction, Quality of light source, Shadows, Atmosphere haze; Adding a glow; Matching camera effects: Matching the focus & Depth of field; Gamma: Introduction to gamma, The effect of gamma changes on images, The dim surround effect, The gamma of video, the gamma of film.

Animation Process: Frame-By-Frame, Interpolation: Spatial , Temporal, Visual; Transformation: 2D transformation, 3D transformation; Tracker: TrackMotion, Stabilize Motion; Warps, Morphs; Rotoscoping: Splines, Articulated Rotos, Scene Salvage: Wire Removal, Rig Removal, Hair Removal, Light Leaks.

*Practical: Making Short films for demonstrating Compositing techniques.*

#### **Text and References**

- The VES Handbook of Visual Effects: Industry standard VFX practices and procedures by Jeffrey A. Okun and Susan Zwerman, Focal Press.
- The Visual Effects Producer; Understanding the Art and Business of VFX by Charles Finance and Susan Zwerman, Focal Press.
- The Visual Effects Arsenal, VFX solutions for the independent filmmaker by Bill Byrne; Focal press.
- Digital Compositing for Film & Video; Steve Wright, Focal Press, Compositing Visual Effects,

essentials for the aspiring artist, Steve Wright.

**Paper XXVI: Current Affairs and General Awareness**

Max. Marks : 100

Pass Marks : 35

Time Allowed : 3 Hours

Theory: 60 Marks

Practical: 20 Marks

Internal Assessment: 20 Marks

**INSTRUCTIONS FOR THE PAPER-SETTER**

The question paper will consist of three sections: A, B and C. Sections A and B will have four questions from the respective sections of the syllabus and will carry 10 marks each. Section C will consist of 10 short-answer type questions which will cover the entire syllabus uniformly and will carry 20 marks in all.

**INSTRUCTIONS FOR THE CANDIDATES**

Candidates are required to attempt two question each from the sections A and B of the question paper and the entire section C.

**Course Content**

**Section A**

**Regional:** Major political parties of Punjab; Structure and functioning of Punjab Government; Daily mega-events and happenings in Punjab. Prominent personalities having remained in news during the session especially in the field of Media; Politics and Punjabi films

**National:** Major political parties of India; Indian constitution; Prominent personalities having remained in news during the session especially in the field of Media, Politics & Hindi films.

**Section B**

**International:** World's most influential leaders, organizations; Latest issues and prominent personalities having remained in news during the session especially in the field of Media, Politics & Films.

A deep and analytical study of major current regional, national, international events and personalities highlighted by media during the semester everyday by groups of students decided by the concerned teacher; Preparation and presentation of at least two reports of 10 minutes each, based on clipping files from newspapers and magazines, including one related to Sports, TV and/or Films.

*Practical:* Class Presentations, Assignments on major issues and Group discussions, Quiz and Anchoring.

## **Semester 7**

### **Paper XXVII: Speciliazation**

Max. Marks 100

Pass Marks: 35

Students are expected to pick up a relevant field of Specialization and their mentors for the respective fields will be assigned to them as per the decisions taken in the ACD. After parleys with the student concerned, the mentor will assign a set of Tasks and study material and the student and he/she will have to meet the deadlines mentioned for the aforesaid tasks. A team of designated faculty, through a viva-voce will evaluate the final outcome of the module.

## **Semester 8**

### **Paper XXVIII: Fiction and Nonfiction Filmmaking Project**

Max. Marks 100

Pass Marks: 35

Students will be required to work on a practical project assigned by the teacher(s) during the semester. A viva-voce will be held to evaluate the films made by the students. Evaluation will be based on the following components: a) Production book and script b) Quality of Research c) Quality of Shoot and d) Editing

The minimum duration of the project should be 5 Minutes. The Project should be submitted alongwith a Production Book comprising compilation of Proposal, Research, Budget, Treatment, Script, Screenplay, Storyboards, Breakdown Sheet, Permissions, Production and Contract forms.