

**SHORT TERM VOCATIONAL  
CERTIFICATE COURSE**

**SMARTPHONE PHOTOGRAPHY & FILMMAKING**  
(06 months Duration)

Prepared  
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<b>NAME: SMARTPHONE PHOTOGRAPHY &amp; FILMMAKING</b>
<b>SECTOR: Media Services</b>
<b>CODE: SPFM</b>
<b>ENTRY QUALIFICATION: Minimum 10<sup>th</sup> Std.</b>
<b>PRE-REQUISITES: Basic Knowledge of computer</b>

### **Terminal Competence:**

The terminal competence for a course in smartphone photography and filmmaking may include:

- The ability to use a smartphone camera to capture high-quality photos and videos in different settings and lighting conditions.
- The ability to apply compositional techniques, such as rule of thirds, leading lines, and symmetry, to create visually appealing photos and videos.
- The ability to use external lenses, filters, stabilizers, and tripods to enhance the creative expression.
- The ability to edit and post-process photos and videos using editing apps to enhance the visual content.
- The ability to tell a story or express ideas visually through photos and videos.
- The ability to build a professional-level portfolio that showcases the student's skills and creativity.
- The ability to apply ethical and legal considerations when capturing and sharing visual content.

Overall, achieving terminal competence in smartphone photography and filmmaking means that students can demonstrate a high level of proficiency and creativity in using a smartphone camera to capture and produce high-quality visual content.

**Duration: 6 Months (240 Hours)**

### **Introduction:**

Smartphone photography and filmmaking is the practice of using a smartphone camera to capture photos and videos. With advancements in technology, smartphone cameras have become more advanced and powerful, offering high-quality images and videos comparable to traditional cameras.

In this course, students will learn the basics of smartphone photography and filmmaking, including understanding camera settings, composition, lighting, sound, and editing techniques. They will also learn advanced techniques such as using external lenses and filters, stabilizers, and tripod to enhance their creative expression.

The course will focus on developing students' storytelling skills, encouraging them to think creatively and express their ideas through visual media. Students will also learn about building a portfolio and preparing for a career in smartphone photography and filmmaking.

By the end of the course, students will be able to confidently use their smartphone camera to capture high-quality photos and videos, develop a unique style, and produce a professional-level portfolio.

### **Objectives:**

The objectives of a course in smartphone photography and filmmaking may include:

- Understanding the basics of smartphone photography and filmmaking, including camera settings, composition, lighting, and sound.
- Learning advanced techniques, such as using external lenses, filters, and stabilizers, to enhance the creative expression.
- Developing storytelling skills and the ability to express ideas visually through photos and videos.
- Understanding the importance of post-processing and editing in creating high-quality visual content.
- Developing a personal style and brand in smartphone photography and filmmaking.
- Building a professional-level portfolio that showcases the students' skills and creativity.
- Preparing for a career in smartphone photography and filmmaking by learning about job opportunities, networking, and marketing strategies.
- Understanding the ethical and legal considerations of capturing and sharing visual content.

Overall, the course aims to equip students with the skills and knowledge needed to create compelling visual content using a smartphone camera and to pursue a career in the field of smartphone photography and filmmaking.

### **Skills:**

The skills that students can develop in a course on smartphone photography and filmmaking may include:

- Technical skills: Understanding camera settings, composition, lighting, sound, and editing techniques to capture high-quality photos and videos using a smartphone camera.
- Creative skills: Developing a personal style, storytelling skills, and the ability to express ideas visually through photos and videos.
- Post-processing skills: Understanding the importance of post-processing and editing in creating high-quality visual content and learning how to use editing apps to enhance the captured footage.
- Equipment skills: Understanding how to use external lenses, filters, stabilizers, tripods, and other accessories to enhance the creative expression.

- Professional skills: Building a professional-level portfolio that showcases the student's skills and creativity, learning about job opportunities, networking, and marketing strategies, and understanding the ethical and legal considerations of capturing and sharing visual content.

Overall, the course can help students develop a range of technical, creative, and professional skills that can be applied in a variety of contexts, including personal projects, social media, and professional careers in the field of smartphone photography and filmmaking.

**ON THE JOB TRAINING AND PRACTICAL:** On-the-job training and practical are crucial components of a course in smartphone photography and filmmaking, as they allow students to apply their theoretical knowledge in a real-world setting and gain hands-on experience.

Some ways to incorporate on-the-job training and practical into the course may include:

- Field trips: Organizing field trips to locations such as parks, museums, or events to give students an opportunity to practice their skills in a real-world setting.
- Guest speakers: Inviting guest speakers, such as professional photographers and filmmakers, to share their experiences and provide insights into the industry.
- Group projects: Assigning group projects where students can work together to create a video or photo series that tells a story or highlights a particular theme.
- Internships: Facilitating internships or work placements with local businesses, media companies, or organizations, where students can gain practical experience in smartphone photography and filmmaking.
- Peer review and critique: Encouraging peer review and critique sessions, where students can receive feedback from their peers and instructors on their work, learn from each other's strengths and weaknesses, and improve their skills.

Overall, incorporating on-the-job training and practical into the course can help students develop practical skills, build their portfolios, and gain valuable experience that can enhance their career prospects in smartphone photography and filmmaking.

## **List of Equipment**

The list of equipment needed for a course in smartphone photography and filmmaking may vary depending on the course's level and scope. Here are some essential equipment and accessories that students may need for the course:

- Smartphone
- Tripod
- External lenses
- Lighting accessories such as a ring light, LED panels, or reflectors can help enhance the quality of photos and videos in low-light conditions.

- An external microphone can improve the quality of audio recording, especially when filming videos.
- A smartphone editing app
- Students may need external storage devices, such as memory cards, hard drives, or cloud storage, to store their photo and video files.

Overall, having access to essential equipment and accessories can help students maximize their learning experience and develop their skills in smartphone photography and filmmaking.

### **SCHEME OF INSTRUCTION:**

1. Communicative English: 40 Hours
2. Course: 200 Hours (06 months)

Duration of Course	Theory		On the Job Training		Total	
	Hours	Weightage	Hours	Weightage	Hours	Weightage
06 Months	60	30%	140	70%	200	100%

### **COURSE SYLLABUS**

#### **Unit-01: Introduction to Smartphone Photography and Filmmaking 20 Hrs**

- Introduction to the course and expectations
- Overview of smartphone cameras and their capabilities
- Basic photography concepts (exposure, composition, focus, etc.)
- Basic video concepts (framerate, resolution, aspect ratio, etc.)
- Understanding lighting for photography and filmmaking
- Understanding sound for filmmaking
- Basic editing concepts

#### **Still Photography Techniques**

**10 Hrs**

- Understanding the different types of photography (landscape, portrait, macro, etc.)
- Composition techniques for still photography
- Understanding exposure for still photography
- Understanding color for still photography
- Editing still photos on a smartphone
- Practicing still photography techniques

#### **Unit-02: Video Filmmaking Techniques**

**20 Hrs**

- Understanding the different types of videos (documentary, narrative, promotional, etc.)
- Composition techniques for video
- Understanding exposure for video
- Understanding sound for video
- Basic camera movements and angles
- Editing video on a smartphone
- Practicing video filmmaking techniques

### **Unit-03: Advanced Techniques and Accessories**

**10 Hrs**

- Understanding advanced camera settings
- Using manual focus and exposure
- Using external lenses and filters
- Using stabilizers and tripods
- Shooting in low light conditions
- Recording high-quality audio
- Editing with third-party apps

### **Unit-04: Storytelling and Creative Expression**

**20 Hrs**

- Understanding the importance of storytelling in photography and filmmaking
- Developing a narrative for a photo or video project
- Creating mood and atmosphere through lighting and sound
- Using color grading to enhance storytelling
- Understanding the impact of sound design on storytelling
- Creating a final project

### **Unit-05: Portfolio Development and Career Preparation**

**20 hrs**

- Understanding the importance of a portfolio
- Creating a cohesive portfolio
- Reviewing and critiquing portfolios
- Developing a personal brand
- Preparing for a career in smartphone photography and filmmaking

### **Unit-06: Practical Sessions**

Practical sessions are an essential part of a course in smartphone photography and filmmaking. Here are some practical sessions that can be included in the course:

- **Basics of smartphone camera:** The first practical session can focus on understanding the basics of smartphone camera settings, such as exposure, shutter speed, ISO, and white balance. Students can practice adjusting these settings to capture different lighting conditions and subjects.

**10 Hrs**

- **Composition techniques:** This practical session can focus on different composition techniques such as rule of thirds, leading lines, and symmetry. Students can practice composing photos using these techniques. **10 Hrs**
- **Lighting:** This session can focus on understanding different lighting scenarios and how to manipulate them for optimal results. Students can experiment with different lighting setups such as natural light, artificial light, and flash. **10 Hrs**
- **Outdoor photography:** Students can explore the great outdoors and apply their knowledge of composition and lighting techniques to capture landscapes, architecture, and street photography. **10 Hrs**
- **Portraiture:** This practical session can focus on the art of portrait photography. Students can practice posing and framing portraits using natural light and external lighting accessories. **10 Hrs**
- **Video production:** In this session, students can learn the basics of video production and create short films using their smartphones. They can experiment with different camera movements, angles, and storytelling techniques. **20 Hrs**
- **Editing:** This practical session can focus on editing photos and videos using editing apps. Students can learn how to crop, adjust color and exposure, and add creative effects to their visual content. **30 Hrs**

Overall, practical sessions provide students with hands-on experience to apply the knowledge and skills they have learned in the classroom. These sessions can help students develop their skills and creativity in smartphone photography and filmmaking.

#### **Qualifications of Teaching Faculty:**

- BFA Photography & Visual communication
- Any Degree with an aggregate of 55% marks and Diploma in Smartphone Photography and Filmmaking.

#### **External Examiner Qualifications:**

- A degree in Photography, Filmmaking, Visual Communication, Fine Arts, or a related field.
- A master's degree in Photography, Filmmaking, Visual Communication, Fine Arts, or a related field.
- Relevant certifications in photography or filmmaking from recognized institutions.

#### **Reference books/ Internet links:**

[www.tomorrowsfilmmakers.com](http://www.tomorrowsfilmmakers.com)  
[www.colorgradingcentral.com](http://www.colorgradingcentral.com)  
[www.contentcreator.com](http://www.contentcreator.com)  
[www.luma-touch.com](http://www.luma-touch.com)  
[www.filmicpro.com](http://www.filmicpro.com)  
[www.midjourney.com](http://www.midjourney.com)

**Division of Marks:**

**Theory: 100 Max. Marks**

1. Communicative English: 20 marks
2. Short Questions: 6 x5m = 30 marks
3. Long Questions: 4x10 = 40 marks
4. Multiple Choice Questions: 10x1=10 marks

**Practical: 100 Max. Marks**

1. Viva: External : 40 marks  
Record: 10 marks
2. Project (Create a documentary script based on a topic of your choice): 50 marks

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**REGD. No.:**

**Time: 3 Hrs**

**Max Marks: 100**

**SMARTPHONE PHOTOGRAPHY & FILMMAKING  
MODEL QUESTION PAPER -THEORY**

**SECTION- A**

Communicative English

20 Marks

**SECTION- B**

**Note:** a) Answer **ALL** questions.

b) Each question carries **5 Marks.**

**6X5M=30 Marks**

1. Describe the rule of thirds and explain how it can be applied in smartphone photography.
2. Explain the significance of lighting in smartphone filmmaking.
3. Discuss three key features of smartphone cameras that were improved in recent years and their impact on photography.
4. How can the use of different camera apps enhance the quality of smartphone photography?
5. What are the benefits and limitations of using smartphones for professional filmmaking compared to traditional cameras?
6. Describe the process of creating a time-lapse video on a smartphone.



## SECTION- C

**Note:** a) Answer any **Four** questions.

b) Each question carries **10 Marks**.

**4X10M=40 Marks**

7. Analyze the evolution of smartphone camera technology over the past decade.
8. Discuss specific features such as HDR, portrait mode, and night mode use smartphones.
9. Describe the pre-production, production and post-production stages of a short film shot entirely on a smartphone.
10. Discuss the role of accessories in enhancing smartphone filmmaking. Analyze the effectiveness of items such as gimbals, external microphones, and lighting kits.
11. Investigate the impact of social media platforms on the evolution of smartphone photography. Discuss how platforms like Instagram and TikTok have influenced photographic styles and trends.
12. Describe how to effectively use manual camera settings on a smartphone to achieve professional-quality images.

## SECTION-D

**Each question carries 1 Mark.**

**10X1 =10 Marks**

1. What is the term for the amount of light that enters a camera lens? ( )  
A) ISO      B) Shutter Speed    C) Aperture    D) White Balance
2. Which of the following is a popular photo-editing app for smartphones? ( )  
A) Excel      B) Photoshop Express              C) Word      D) PowerPoint
4. Which feature helps stabilize video recording on a smartphone? ( )  
A) Night Mode    B) Time-Lapse      C) Digital Zoom    D) Optical Image Stabilization
5. What is the primary purpose of a gimbal in smartphone filmmaking? ( )  
A) To enhance audio quality              B) To stabilize camera movement  
C) To increase storage capacity    D) To protect the smartphone
6. Which smartphone camera mode is best suited for capturing low-light photos? ( )  
A) Portrait Mode    B) Night Mode      C) Panorama Mode              D) Time-Lapse Mode
7. What does the term 'bokeh' refer to in photography? ( )  
A) The overall sharpness of the image    B) The background blur effect  
C) The color accuracy of the photo      D) The frame rate of the video

10. Which app is commonly used for creating and sharing short videos on smartphones?

(      )

A) Instagram      B) TikTok      C) LinkedIn      D) Snapchat

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**SHORT TERM VOCATIONAL CERTIFICATE COURSE**

**SMARTPHONE PHOTOGRAPHY & FILMMAKING**

**MODEL QUESTION PAPER –PRACTICAL**

Answer ALL questions.

**40 Marks**

Q1. (30 Marks): Create a short film (2-3 minutes) using your smartphone. A clear narrative, lighting, sound and editing should be used well for the film.

**Requirements:**

**Pre-production:**

- Write a brief script or outline for your short film.
- Plan your shots using a storyboard.

**Production:**

- Shoot your film using a smartphone. Make sure to capture a variety of shots (wide, medium, close-up).
- Use at least one accessory (e.g., gimbal, external microphone) to improve the quality of your production.
- Pay attention to lighting and sound quality.

**Post Production:**

- Edit your movie using a smartphone app (e.g., iMovie, luma fusion and Kinemaster).
- Add appropriate music or sound effects.
- Apply color correction if needed.

**Submission:**

- Submit the final video file in MP4 format.
- Include a brief written report describing your process (500 words maximum).

b. (10 Marks): Step by step process in the given answer sheet.

**OR**

Q2. (30 Marks): Create a photographic essay of 5-7 images that explores a cohesive story or theme.

**Requirements:**

- Choose a theme or subject for your photographic essay (eg, everyday life, nature, urban exploration).

- Plan your shots and consider the story you want to convey through the images.
- Capture images using your smartphone. Make sure each photo is well-composed, well-lit, and tells some part of the story.
- Edit images using a photo-editing app (eg, Snapseed, Lightroom Mobile).
- Arrange the pictures in the order that best tells your story.

**Submission:**

- Submit final edited images in JPEG format.
- Provide a brief description (50-100 words) for each picture explaining its importance to the overall story.

b. (10 Marks): Step by step process in the given answer sheet.

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**Mini-project & Viva:**

- |                         |                 |
|-------------------------|-----------------|
| • <b>Record</b>         | <b>10 Marks</b> |
| • <b>Internship/OJT</b> | <b>50 Marks</b> |

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