



CCEK – NSQF ALIGNED PROGRAM

COURSE SYLLABUS

FOR

Cinematographer

CCEK - NATIONAL SKILL DEVELOPMENT TRAINING PROGRAM

Cinematographer

CCEK – NSDC course package covers the following Qualification Packs and leads to the following NSDC certifications. The students who successfully completed the course programs are entitled to get NSDC certification after undergoing the assessment process of NSDC as per the rules and regulations stipulated by NSDC from time to time.

SL. NO.	QUALIFICATIONS PACK	QUALIFICATIONS PACK CODE	NSQF LEVEL
1	<p><u>Cinematographer</u></p> <p>Brief Job Description:</p> <p>A cinematographer, also known as the director of photography (DP), is responsible for capturing the visual essence of a film, television production, or commercial. They collaborate closely with the director to determine the look, lighting, framing, and camera movement that best tell the story visually.</p>	MES/Q0905	5

COURSE DETAILS

Cinematographer

EXAMINATION DETAILS

COURSE NAME	COURSE CODE	ELIGIBILITY	DURATION
Cinematographer	G40	10th,12th, UG	410

SL. NO.	EXAM	EXAM CODE	MAXIMUM MARK	INTERNAL	TOTAL MARK
THEORY PAPERS					
1	Fundamentals of Cinematography	T001	100	50	150
PRACTICAL PAPERS					
1	Camera Operation and Shot Execution	L001	100	50	150
TOTAL MARKS					
1	Total Examination Marks (Theory Online + Practical Examination)				200
2	Total Internal Marks				100
3	Total Marks (Total Internal Marks + Total Examination Marks)				300

Cinematographer

INTERNAL MARK CRITERIA FOR EACH

SL NO.	MODULE	MODULE CODE	MAXIMUM MARK	INTERNAL MARK	TOTAL MARK
1	Fundamentals of Cinematography	T001	100	50	150
2	Camera Operation and Shot Execution	L001	100	50	150
	TOTAL		200	100	300

ATTENDANCE	GENERAL PERFORMANCE	INTERNAL EXAMINATIONS/ PROJECTS/ ASSIGNMENTS	TOTAL MARKS
5	5	40	50

COURSE SYLLABUS

FOR

Cinematographer

COURSE	Cinematographer	
TOTAL MARKS	Mark: 300	Internal Mark: 100
TOTAL HOURS	410 Hrs	

DEFENITION OF CREDIT

1 Credit	15Hrs Theory/ 30Hrs Practical
Skill Components	60 – 70 % of Total Credit

MODULES INCLUDED IN THIS SUBJECT

SL NO	MODULE NAME	CREDIT BREAKUP
1	Module 1: Equipment handling and video capture	2
2	Module 2: Carryout shooting	5
3	Module 3: Apply drone techniques for still photography	3
4	Module 4: Develop and maintain portfolio	1.5
5	Module 5: Maintain workplace health and safety	2
	Total	13.5

Training Outcomes

- Explain equipment handling and video capture
- Perform video editing
- Develop and maintain portfolio
- Comply with workplace health and safety

MODULES

Module 1: Equipment handling and video capture

THEORY

- Describe the role of a cinematographer.
- Choose the best equipment to be used.
- Perform equipment cleaning and hardware disassembling.
- Explain how to set up and tear down cameras, audio recorders, lighting, microphones, and props.
- Explain rule of thirds, The Golden Ratio, Balancing elements, Symmetry and Patterns, Leading lines, Background, Depth of field, Headroom/looking room and leading room, Framing, Cropping, Colour, Movement

PRACTICAL

- Demonstrate the appropriate use of the camera, film, lenses, filters and lighting in videography.
- Demonstrate how different camera angles are used to serve as commentary on the subject matter in the frame
- Demonstrate lighting techniques and record a small video.
- Show how to align and maintain the equipment.
- Carry out repairing of broken equipment.
- Check the equipment to maintain technical quality of recording, audio and lighting apparatus before beginning the work.
- Demonstrate basics of exposure, white balance, and camera operation of aDSLR
- Demonstrate various camera movements: Pan, Tilt, dolly, track. Simple shot, Complex shot.
- Perform developing a shot and operating a video camera
- Demonstrate preproduction activities like concept, script, and storyboard.
- Demonstrate the use of other related equipment: a tripod, slider, glide cam, etc.
- Show how to use software like: Adobe After Effects, Premiere & FCP
- Decide on the elements like appropriate lighting, shooting angle and placement and type of microphone.
- Follow instructions regarding assignment and assist the producer/director in production.
- Record events using the camera.

Module 2: Carryout shooting

THEORY

- Explain how to maintain a steady image during camera movements.
- Describe how to maintain continuity for shots taken in a sequence.
- Describe how to compile video graphic data.
- Elaborate the scope for editing.
- Explain how to edit and assemble the final material and ensure production consistency.
- Justify the technical quality of end product.
- Work closely with the producer or director on your ideas and production setting.
- Supervise the security, operation and maintenance of equipment utilized in shooting and editing.
- Explain how the shot will affect the mood and intention in a video.
- Explain how to create motion effects for video and audio.
- Create a film by editing raw footage available.
- Explain how to insert closed captioning, graphics, or other onscreen text into a video.
- Describe how to add computer graphics and special effects to a video.
- Follow applicable copy right rule
- Distinguish between copyrighted material, fair use, intellectual property, and derivative works.
- Follow the copyright rules and use other creators material only with prior permission

PRACTICAL

- Demonstrate and handle formats like digital, manual 35mm and medium format cameras to use for videography.
- Show how to use Blimp.
- Demonstrate how to use daylight and artificial lighting; combinations of daylight, free-standing lights and camera-mounted flash, both bounce flash and direct flash.

Module 3: Apply drone techniques for still photography

THEORY

- Explain drone technology and its uses Discuss legal provisions of drone technology
- Discuss barriers and confirm location for photography.
- Plan in line with the requirement of the events like launch session, weddings, conferences, meeting etc.
- Discuss the security, operation and maintenance of equipment utilized for photography.
- Discuss features of drone.
- Explain drone settings like camera, battery, firmware,
- List difference between copyrighted material, fair use, intellectual property, and derivative works.
- Describe range of shooting area and planning of sequences as well as suitable landing pad.
- Discuss the use of FPV to frame up the shot

PRACTICAL

- Show how to operate drone
- prepare pre-fly checklist like fly zone, weather, surroundings, etc.
- demonstrate its resolution, scale and applicable projection.
- Demonstrate drive and various positions of drone.
- demonstrate and handle variety of formats like digital, manual 35mm and medium format cameras to use for videography.
- Show how to use Blimp.
- Show how to use daylight and artificial lighting; combinations of daylight, freestanding lights and camera-mounted flash.
- Demonstrate how to maintain continuity for shots taken in a sequence.
- Produce images to be used during production, postproduction of the film by various departments.

Module 4: Develop and maintain portfolio

THEORY

- Explain the preparation of portfolio, recording, show reel, etc.,
- Elaborate how to select best headshots and performance shots to showcase.
- Describe how you can create a portfolio that appeals the audience.
- Elaborate the use of socialmedia for promotion.
- Explain promotion through networking.

- Explain the benefits of reaching to associations for membership.
- Explain how to reach approach clients in a professional manner
- Carry proper attire for audition or presentation and be on time and be prepared for any test required during the audition.
- Carry out negotiation for the best possible remuneration and get the contract.
- Explain the components of an assignment contract including term and duration of project.
- Work on determining the technical details of production.

PRACTICAL

- Prepare an appealing portfolio.
- Select the bestshots and showcase them.
- Prepare a presentation to promote your work to clients.
- Demonstrate your negotiation skills during finalizing a contract.

Module 5: Maintain workplace health and safety

THEORY

- Recall health, safety and security related guidelines and identify the risks involved.
- Maintain correct posture while working and maintain and use the first aid kit whenever required.
- report health and safety risks/ hazards to concerned personnel
- Recall people responsible for health and safety and able to contact in case of emergency
- Illustrate security signals and other safety and emergency signals
- Explain the process to identify and report risk.
- Enumerate and recommend opportunities for improving health, safety, and security to the designated person
- Describe how to report any hazards outside the individual's authority to the relevant person in line with organisational procedures and warn other people who may be affected
- complying with procedures in the event of an emergency
- Explain the impact of the violation of safety procedures.

PRACTICAL

- Identify the different types of health and safety hazards in a workplace
- Practice safe working practices for own job role
- Perform evacuation procedures and other arrangements for handling risks
- Perform the reporting of hazard
- identify and document potential risks like sitting postures while using the computer, eye fatigue and other hazards in the workplace
- Demonstrate the use of Personal Protective Equipment (PPE) appropriately.