

QUALIFICATION FILE – Micro-Credentials

Basics of Smartphone Cinematography

☒ Public ☐ Private

☒ Upskilling ☐ Dual/Flexi Qualification ☐ For ToT ☐ For ToA

☐ General ☐ Multi-skill (MS) ☐ Cross Sectoral (CS) ☐ Future Skills ☐ OEM

NCrF/NSQF Level: 3

Submitted By:

National Film Development Corporation Ltd.

4th Floor, Sookhana Bhawan, CGO Complex, Phase-I,

New Delhi

110003

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Section 1: Basic Details

1.	Micro Credential-Qualification Name	Basics of Smartphone Cinematography																				
2.	Sector/s	Media and Entertainment																				
3.	National Qualification Register (NQR) Code & Version (Will be issued after NSQC approval.)	NM-03-ME-03846-2025-V1-N FDC		4. NCrf/NSQF Level:3																		
5.	Brief Description of the Micro Credential	This NOS is about how to capture high-quality video content for various media applications, including social media, documentaries, short films, and promotional videos.																				
6.	Eligibility Criteria for Entry for Students/Trainee/Learner/Employee	a. Entry Qualification & Relevant Experience <table><tr><th>S. No.</th><th>Academic/Skill Qualification (with specialization- if applicable)</th><th>Relevant Experience (with specialization- if applicable)</th></tr><tr><td>1</td><td>10th Grade or equivalent</td><td></td></tr><tr><td>2</td><td>Grade 9 pass and pursuing continuous schooling in regular school</td><td></td></tr><tr><td>3</td><td>9th Grade</td><td>1.5 years of relevant experience in Cinematography, Mobile Journalism (MOJO), Independent Filmmaking, Social Media Content Creation or Commercial Videography</td></tr><tr><td>4</td><td>8th Grade</td><td>3 years of relevant experience in Cinematography, Mobile Journalism (MOJO), Independent Filmmaking, Social Media Content Creation or Commercial Videography</td></tr><tr><td>5</td><td>Previous relevant qualification of NSQF Level 2.5</td><td>1.5 years of relevant experience in Cinematography, Mobile Journalism (MOJO), Independent Filmmaking,</td></tr></table>			S. No.	Academic/Skill Qualification (with specialization- if applicable)	Relevant Experience (with specialization- if applicable)	1	10th Grade or equivalent		2	Grade 9 pass and pursuing continuous schooling in regular school		3	9th Grade	1.5 years of relevant experience in Cinematography, Mobile Journalism (MOJO), Independent Filmmaking, Social Media Content Creation or Commercial Videography	4	8th Grade	3 years of relevant experience in Cinematography, Mobile Journalism (MOJO), Independent Filmmaking, Social Media Content Creation or Commercial Videography	5	Previous relevant qualification of NSQF Level 2.5	1.5 years of relevant experience in Cinematography, Mobile Journalism (MOJO), Independent Filmmaking,
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				Social Media Content Creation or Commercial Videography	
		6	Previous relevant qualification of NSQF Level 2	3 years of relevant experience in Cinematography, Mobile Journalism (MOJO), Independent Filmmaking, Social Media Content Creation or Commercial Videography	
		b. Age NA			
7.	Credits Assigned to this Qualification, Subject to Assessment <i>(as per National Credit Framework (NCrF))</i>	1			8. Common Cost Norm Category <i>(I/II/III) (wherever applicable):</i>
9.	Any Licensing Requirements/ Pre-requisites for Undertaking Training <i>(wherever applicable)</i>	NA			
10.	Expected Outcomes of the Micro Credential	Terminal learning outcomes are: ● Carry Pre-Production Planning for Smartphone Cinematography ● Capture High-Quality Video with Smartphones ● Perform Basic Editing Techniques for Smartphone Cinematography ● Perform Advanced Smartphone Cinematography Techniques ● Carry Smartphone Colour Grading and Correction ● Perform Smartphone Audio Recording and Post-production			

11. Training Duration by Modes of Training Delivery <i>(Specify Total Duration as per selected training delivery modes and as per requirement of the qualification)</i>	<table border="1"> <thead> <tr> <th>Training Delivery Mode</th> <th>Theory (Hours)</th> <th>Practical (Hours)</th> <th>Total (Hours)</th> </tr> </thead> <tbody> <tr> <td>Classroom (offline)</td> <td>12:00</td> <td>18:00</td> <td>30:00</td> </tr> <tr> <td>Online</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> ☒ Offline Only ☐ Online Only ☐ Blended <i>(Refer Blended Learning Annexure for Details)</i>	Training Delivery Mode	Theory (Hours)	Practical (Hours)	Total (Hours)	Classroom (offline)	12:00	18:00	30:00	Online			
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Theory (Marks)	Practical (Marks)	Project (Marks)	Viva (Marks)	Total (Marks)	Passing %age								
30	70	-	-	100	100								
13. Is the Qualification Amenable to Persons with Disability	☒ Yes ☐ No If “Yes”, specify applicable type of Disability: <i>SHI, LD</i>												
14. How participation of women will be encouraged?													
15. Other Indian Languages in which the Micro Credential will be implemented.	Will be translated in Hindi												
16. Is similar Micro Credential Qualification(s) available on NQR-if yes, justification for this qualification	☐ Yes ☒ No URLs of similar Qualifications:												
17. Name and Contact Details Submitting / Awarding Body SPOC	Name: Ms. Sonal Mathur; Shri. D. Ramakrishnan Position in the organization: Head Skill Development Address if different from above: Tel number(s): 044 – 2819 2506 / 2819 2407 Fax: 044-2819 2408 E-mail address: rama@nfdcindia.com												

18.	NSQC Approval Date: 18 Feb 2025	19. Validity Duration:3 Years	20. Next Review Date: 18 Feb 2028
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Section 2: Training Related

1.	Trainer's Qualification and experience in relevant sector (in years) <i>(as per requirement and NCVET guidelines)</i>	Graduate in Film, Cinematography, or a related field with 3 years of relevant experience with 2 years of training experience
2.	Master Trainer's Qualification and experience in relevant sector (in years) <i>(as per requirement and NCVET guidelines)</i>	Graduate in Film, Cinematography, or a related field with 5 years of relevant experience with 3 years of training experience
3.	Tools and Equipment Required for Training	☐ Yes ☐ No <i>(If "Yes", details to be provided in Annexure)</i>

Section 3: Assessment Related

1.	Assessor's Qualification and experience in relevant sector (in years) <i>(as per requirement and NCVET guidelines)</i>	<i>Bachelor's degree in Film, Cinematography, or a related field with 4 years of relevant experience with 2 years of assessment experience</i> OR <i>Graduate in Film, Cinematography, or a related field camera operation and cinematography with 6 years of relevant experience with 4 years of assessment experience</i>
2.	Proctor's Qualification and experience in relevant sector (in years) <i>(as per requirement and NCVET guidelines)</i>	Graduate with proctoring experience of 1 year
3.	Lead Assessor's/Proctor's Qualification and experience in relevant sector (in years) <i>(as per requirement and NCVET guidelines)</i>	
4.	Assessment Mode <i>(Specify the assessment mode)</i>	Mode: ☐ Online Only ☐ Offline Only ☐ Blended
5.	Tools and Equipment Required for Assessment	☐ Same as for training ☐ Yes ☒ No <i>(details to be provided in Annexure-if it is different for Assessment)</i>

Section 4: Evidence of Need of the Micro Credential

As per the NCVET Guidelines for evidence of need, provide the required Annexure/Supporting documents.

1.	Government /Industry initiatives/ requirement (Yes/No):
2.	Number of Industry validation provided: 5
3.	Estimated number of people to be trained: 1000

Section 5: Annexure Check List

Specify Annexure Number and Name.

1.	Annexure: NCrf/NSQF level justification based on NCrf Level/NSQF descriptors (Mandatory)	Annexure 1
2.	Annexure: Learning Outcomes and Assessment Criteria (Mandatory)	Annexure 2
3.	Annexure: Assessment Strategy (Mandatory)	Annexure 3
4.	Annexure: List of tools and equipment relevant for qualification (Mandatory – Except in case of online course)	Annexure 4
5.	Annexure: Blended Learning (Mandatory in case selected mode of delivery is “Blended Learning”)	Annexure 7
6.	Annexure: Acronym and Glossary (Optional)	Annexure 8

Annexure 1: Evidence of Level

NCrF/NSQF Level Descriptors	Key requirements of the job role/ outcome of the qualification	How the job role/ outcomes relate to the NCrF/NSQF level descriptor	NCrF/NSQF Level
Professional Theoretical Knowledge/Process	- Carry Pre-Production Planning for Smartphone Cinematography - Capture High-Quality Video with Smartphones - Perform Basic Editing Techniques for Smartphone Cinematography - Perform Advanced Smartphone Cinematography Techniques - Carry Smartphone Colour Grading and Correction - Perform Smartphone Audio Recording and Post-production	As can be inferred from the learning outcomes and performance criteria of the Micro credential listed in the adjacent cell, the Smartphone Cinematographer requires well developed skill, with clear choice of procedures in familiar context. Hence NSQF level for this descriptor is 3.	3
Professional and Technical Skills/ Expertise/ Professional Knowledge	- Basic principles of storyboarding and shot composition - Smartphone camera capabilities and limitations - Lighting techniques for smartphone videography - Audio recording considerations for smartphone video - Camera movements and framing techniques for smartphone videography - Basic exposure principles and their impact on image quality - Techniques for capturing stable and smooth smartphone footage - Basic audio recording concepts for smartphone video - Basic principles of video editing software (mobile apps or desktop software) - Techniques for trimming and arranging video clips	As can be inferred from the knowledge and understanding related points mentioned in the adjacent cell, which have been taken from the Smartphone Cinematographer micro credential, job role holder must have a knowledge of facts, principles, processes and general concepts, in a field of work or study. Hence NSQF level for this descriptor is 3.	3

	• Adding basic transitions and effects to smartphone videos • • Exporting video files in various formats for different platforms		
Employment Readiness & Entrepreneurship Skills & Mind-set/Professional Skill	• Basic principles of storyboarding and shot composition • Smartphone camera capabilities and limitations • Lighting techniques for smartphone videography • Audio recording considerations for smartphone video • Camera movements and framing techniques for smartphone videography • Basic exposure principles and their impact on image quality • Techniques for capturing stable and smooth smartphone footage • Basic audio recording concepts for smartphone video • Basic principles of video editing software (mobile apps or desktop software) • Techniques for trimming and arranging video clips • Adding basic transitions and effects to smartphone videos • Exporting video files in various formats for different platforms • Basic principles of colour theory (primary colours, complementary colours, colour temperature) • The impact of colour on mood, emotion, and storytelling in video • Different colour grading techniques (e.g., colour correction, colour balancing, creative grading) • Importance of colour grading within the overall post-production workflow	As can be inferred from the knowledge and understanding related points mentioned in the adjacent cell, which have been taken from the Smartphone Cinematographer micro credential, job role holder must have a knowledge of facts, principles, processes and general concepts, in a field of work or study. Hence NSQF level for this descriptor is 3.	3

	• Different export settings for smartphone video (resolution, bitrate, format) • Considerations for sharing video on various platforms (e.g., social media, online streaming)		
Broad Learning Outcomes/Core Skill	• Strong visual sense and an eye for detail • Creativity and a passion for storytelling through video • Excellent problem-solving skills and adaptability • Ability to work independently and as part of a team • Excellent communication and interpersonal skills • Time management skills	As can be inferred from the knowledge and understanding related points mentioned in the adjacent cell, which have been taken from the Smartphone Cinematographer micro credential, job role holder must have a knowledge of facts, principles, processes and general concepts, in a field of work or study. Hence NSQF level for this descriptor is 3.	3
Responsibility	• Develop basic storyboards and shot lists for smartphone video projects • Select appropriate smartphone camera settings and modes based on shooting conditions • Plan for audio recording using external microphones or smartphone accessories • Operate smartphone camera effectively, utilizing various shooting modes and manual controls (if available) • Apply basic camera movements (panning, tilting, zooming) to create dynamic visuals • Utilize smartphone stabilization techniques (tripods, gimbals) to capture smooth footage • Capture clear audio using external microphones or smartphone recording features	As can be inferred from the knowledge and understanding related points mentioned in the adjacent cell, which have been taken from the Smartphone Cinematographer micro credential, job role holder must have a knowledge of facts, principles, processes and general concepts, in a field of work or study. Hence NSQF level for this descriptor is 3.	3

	• Edit smartphone video footage using basic editing software functions • Trim and arrange video clips to create a cohesive sequence • Apply basic transitions and effects to enhance the flow and visual interest of the video • Export edited videos in appropriate formats for sharing on social media or other platforms		
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Annexure 2: Learning Outcomes and Assessment Criteria

Detailed learning outcomes and assessment criteria for the qualification are as follows:

S. No.	Learning Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
1.	Element 1: Video Import, Editing, and Arrangement: PC1. Identify the basic functions of video editing software for importing smartphone videos. PC2. Import smartphone video clips into the editing software workspace. PC3. Evaluate clips for unwanted footage, identifying areas for trimming. PC4. Trim clips while maintaining the desired sequence of events. PC5. Assess trimmed clips for accuracy and continuity. PC6. Arrange clips in a logical sequence to create a narrative or informational flow. PC7. Identify natural breaks or transitions between clips. PC8. Use playback and preview functions to refine clip arrangement. PC9. Evaluate the overall structure, ensuring alignment with the project vision.				
2.	Element 2: Transitions and Effects: PC1. Identify different types of basic video transitions (cuts, dissolves, fades). PC2. Apply transitions to create a smooth and visually appealing sequence. PC3. Evaluate pacing and mood, using transitions to enhance storytelling.				

	PC4. Creatively use transitions to connect scenes, emphasize changes, or add interest. PC5. Review transitions to assess their effectiveness in creating a natural flow. PC6. Recognize basic video editing software capabilities for visual effects. PC7. Use basic video effects to enhance informational content or visual appeal. PC8. Identify opportunities where visual effects can add clarity, emphasis, or style. PC9. Creatively incorporate basic visual effects to improve storytelling or artistic value. PC10. Assess the impact of visual effects on the overall visual style and clarity.				
3.	3. Advanced Cinematography Techniques: PC1. Identify and apply advanced camera movements (within smartphone limits). PC2. Develop creative shot compositions. PC3. Evaluate camera techniques' effectiveness in conveying the message. PC4. Incorporate shot variety and adjust pacing for optimal storytelling. PC5. Develop a creative shot list using advanced techniques and shot variety. PC6. Evaluate the final video for pacing and shot variety. PC7. Identify and utilize different lighting setups for desired mood and atmosphere. PC8. Develop creative lighting solutions using available resources. PC9. Evaluate the effectiveness of lighting choices. PC10. Identify opportunities for and incorporate basic visual effects in smartphone videos. PC11. Evaluate the effectiveness of visual effects in enhancing the video.				
4.	4: Color Grading and Correction: PC1. Identify and understand primary, secondary, and complementary colors. PC2. Analyze emotional tones conveyed by different color palettes. PC3. Apply basic color correction techniques. PC4. Use color grading tools to enhance mood, atmosphere, and visual style. PC5. Evaluate colour grading choices for visual storytelling. PC6. Apply a workflow for consistent color grading across clips. PC7. Develop a customized export profile for specific platforms. PC8. Evaluate the final video for technical quality and adherence to requirements.				
5.	5: Audio Recording and Post-production: PC1. Identify and use appropriate external microphones for smartphone videography.				

	PC2. Monitor and adjust audio levels during recording. PC3. Minimize background noise during video shoots. PC4. Use audio editing tools to trim, arrange, and remove noise. PC5. Assess overall audio quality and identify areas for improvement. PC6. Utilize audio effects to enhance the audio. PC7. Import and integrate copyright-free music and sound effects. PC8. Select appropriate music or sound effects. PC9. Evaluate the balance between dialogue, sound effects, and music. PC10. Creatively layer and edit sound effects for an immersive soundscape.				
Total Marks		30	70	-	-

Annexure 3: Assessment Strategy

Specify the assessment strategy and plan to evaluate the Candidate on the required competencies of the qualification.

This section includes the processes involved in identifying, gathering, and interpreting information to evaluate the Candidate on the required competencies of the program.

Mention the detailed assessment strategy in the provided template.

1. Assessment System Overview:

- Batches assigned to the assessment agencies for conducting the assessment on SIP or email
- Assessment agencies send the assessment confirmation to VTP/TC looping SSC
- Assessment agency deploys the ToA certified Assessor for executing the assessment
- SSC monitors the assessment process & records

2. Testing Environment:

- Check the Assessment location, date and time
- If the batch size is more than 30, then there should be 2 Assessors.
- Check that the allotted time to the candidates to complete Theory & Practical Assessment is correct.

3. Assessment Quality Assurance levels/Framework:

- Question bank is created by the Subject Matter Experts (SME) are verified by the other SME
- Questions are mapped to the specified assessment criteria
- Assessor must be ToA certified & trainer must be ToT Certified

4. Types of evidence or evidence-gathering protocol:

- Time-stamped & geotagged reporting of the assessor from assessment location
- Centre photographs with signboards and scheme specific branding

5. Method of verification or validation:

- Surprise visit to the assessment location

6. Method for assessment documentation, archiving, and access

- Hard copies of the documents are stored

On the Job:

1. Each module will be assessed separately.
2. The candidate must score 70% in each module to successfully complete the OJT.
3. Tools of Assessment that will be used for assessing whether the candidate is having desired skills and etiquette of dealing with customers, understanding needs & requirements, assessing the customer and perform Soft Skills effectively:
 - Videos of Trainees during OJT
4. Assessment of each Module will ensure that the candidate is able to:
 - Effective engagement with the customers
 - Understand the working of various tools and equipment

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Annexure 4: Tools and Equipment

List of Tools and Equipment

Batch Size:

S. No.	Tool / Equipment Name	Specification	Quantity for specified Batch size
1	Smartphones		
2	External Lenses		
3	Tripod		
4	Gimbal		
5	Directional Microphone		
6	Lavalier Microphone		
7	Windscreen		
8	Audio Cables		
9	Microphone Adapters		

10	Portable LED Lights		
11	Reflectors		
12	High-capacity SD Cards		
13	External Hard Drive		
14	Mobile Editing Apps such as Adobe Premiere Rush		
15	iMovie		
16	Kine Master		
17	Desktop Editing Software		
18	Smartphone Mounts		
19	Remote Shutter Release		
20	Lens Cleaning Kit		
21	External Battery Pack: Provides extended power for prolonged shooting sessions.		
22	Smartphone Rig		
23	Portable Green Screen		

Classroom Aids:

The aids required to conduct sessions in the classroom are:

1. Laptop, whiteboard, marker, projector,
2. Health and Safety Signs and policy

Annexure 5: Industry Validations Summary

S. No	Organization Name	Representative Name	Designation	Contact Address	Contact Phone No	E-mail ID	LinkedIn Profile (if available)
1	ANI-MOTION STUDIOS	Vikas Ghavery	Director & CTO	SCF-7, 1st and 2nd Floor, Vikas Vihar Market, Ambala City-134003	7206111250	vikasghavery@gmail.com	
2	CREO Valley	Mr. S Devaraj	Principal	Opposite Aduvodi Police Station, 30, Hosur Rd, 7th	9008031065	principal@creovalley.com	

				Block, Adugodi, Bengaluru, Karnataka 560030			
3	Shoot School	Joseph Lazar	Photography Faculty	Muringatheri (H),P.O.Viyyur,Padukad,Thrissur- 680010,Kerala,India	944744162 1	iozeflazar@gmail.com	
4	Key Elements	Vipul Dwivedi	COO(Chief Operating Officer)	79, Utkarsh Estate, Ashish Nagar Bengali Square, Indore 4520016	9755915552	vipul@keyelements.in	
5	Innovative Film Academy	Saravana Prasad	Founder Chairman &	Innovative Film Academy, Innovative Multiplex Marathahalli, Bangalore- 560037	9632280337	sprasad@innovativefilmacademy.co m	
6	Badal Media Industry	Aswaghoshan T P	founder &Cinematograph y	Badal Media Art Village,Thuruthumpadav,Cherp u West, Kerala 680561	+91 90379 03720	aswaghoshantp@gmail.com	

Annexure 6: Training Details

Training Projections:

Year	Estimated Training # of Total Candidates	Estimated training # of Women	Estimated training # of People with Disability
2023-24	200	50	20

Data to be provided year-wise for next 3 years.

Annexure 7: Blended Learning

Blended Learning Estimated Ratio & Recommended Tools:

Refer NCVET “Guidelines for Blended Learning for Vocational Education, Training & Skilling” available on:

<https://ncvet.gov.in/sites/default/files/Guidelines%20for%20Blended%20Learning%20for%20Vocational%20Education,%20Training%20&%20Skilling.pdf>

S. No.	Select the Components of the Qualification	List Recommended Tools – for all Selected Components	Offline: Online Ratio
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1	☐ Theory/ Lectures - Imparting theoretical and conceptual knowledge	Laptop, Projector, Projecting Screen and LMS.	1:1
2	☐ Imparting Soft Skills, Life Skills and Employability Skills /Mentorship to Learners	Laptop, Projector, Projecting Screen and LMS.	1:1
3	☐ Showing Practical Demonstrations to the learners	As per tool list attached	NA
4	☐ Imparting Practical Hands-on Skills/ Lab Work/ workshop/ shop floor training	As per tool list attached	NA
5	☐ Tutorials/ Assignments/ Drill/ Practice	As per tool list attached	NA
6	☐ Proctored Monitoring/ Assessment/ Evaluation/ Examinations	As per tool list attached	NA
7	☐ On the Job Training (OJT)/ Project Work Internship	As per tool list attached	NA

Annexure 8: Acronym and Glossary

Acronym

Acronym	Description
AA	Assessment Agency
AB	Awarding Body
ISCO	International Standard Classification of Occupations
NCO	National Classification of Occupations
NCrF	National Credit Framework
NQR	National Qualification Register
NSQF	National Skills Qualifications Framework
OJT	On the Job Training

Glossary

Term	Description
Qualification	A formal outcome of an assessment and validation process which is obtained when a competent body determines that an individual has achieved learning outcomes to given standards
Qualification File	A Qualification File is a template designed to capture necessary information of a Qualification from the perspective of NSQF compliance. The Qualification File will be normally submitted by the awarding body for the qualification.
Sector	A grouping of professional activities based on their main economic function, product, service or technology.