

<b>NSDA Code</b> <b>2020/ME/DGT/03721</b>
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**CONTACT DETAILS OF THE BODY SUBMITTING THE QUALIFICATION FILE**

Directorate General of Training (DGT)  
Government of India, Ministry of Skill Development and Entrepreneurship,  
1st and 2nd Floor, CIRTES Building  
Next to Pusa ITI, Pusa Campus  
New Delhi – 110012.

**Name and address of submitting body:**

Directorate General of Training (DGT)  
Government of India, Ministry of Skill Development and Entrepreneurship,  
1st and 2nd Floor, CIRTES Building  
Next to Pusa ITI, Pusa Campus  
New Delhi – 110012.

**Name and contact details of individual dealing with the submission**

Name: Shri Deepankar Mallick

Position in the organisation: Deputy Director General (C & P)

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**List of documents submitted in support of the Qualifications File**

1. Competency-based curriculum with following details:

Model Curriculum to be added which will include the following:

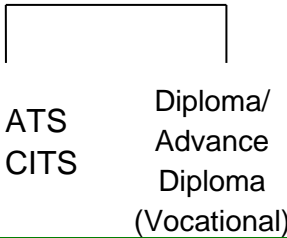
1. Indicative list of tools/equipment to conduct the training: Enclosed with curriculum
2. Trainers qualification: Indicated in the curriculum

3. Lesson Plan: All DGT curricula are designed indicating specific practical to be carried out during training along with details of trade theory. Based on this the concerned instructor prepares the Lesson Plan and demonstration plan with support of IMPs developed by NIMI,DGT.
4. Distribution of training duration into theory/practical/OJT component: Indicated in the curriculum.
2. Curriculum for Core Skills (Employability Skills).

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**5. SUMMARY**

<b>1</b>	<b>Qualification Title</b>	<b>‘DIGITAL PHOTOGRAPHER’</b>
<b>2</b>	<b>Qualification Code, if any</b>	<b>DGT/1082</b>
<b>3</b>	<b>NCO code and occupation</b>	3431.0100–PhotographerGeneral 3431.0200–Photographer News 3431.0300 – Photographer, Aerial 3431.9900–Photographer & Others
<b>4</b>	<b>Nature and purpose of the qualification (Please specify whether qualification is short term or long term)</b>	Prepare skilled craftsman to undertake the job roles of Digital Photographer and will enable the trainee to take photograph of persons, places, or other subjects, using various kinds of photographic equipment etc.  It is long term qualification.
<b>5</b>	<b>Body/bodies which will award the qualification</b>	Directorate General of Training (DGT).
<b>6</b>	<b>Body which will accredit providers to offer courses leading to the qualification</b>	Directorate General of Training (DGT) accredits the Training providers (ITIs/ NSTIs/MSTIs/BTCs/BTPs / Industries / Establishments).
<b>7</b>	<b>Whether accreditation/affiliation norms are already in place or not , if applicable (if yes, attach a copy)</b>	Yes. The accreditation/ affiliation norms and any amendments made from time to time are available on DGT web portal.
<b>8</b>	<b>Occupation(s) to which the qualification gives access</b>	<ul style="list-style-type: none"> <li>• 3431.0100–PhotographerGeneral</li> <li>• 3431.0200–Photographer News</li> <li>• 3431.0300 – Photographer, Aerial</li> <li>• 3431.9900–Photographer &amp; Others</li> </ul>
<b>9</b>	<b>Job description of the occupation</b>	The individual photographs news events, persons or objects for use in news-papers, magazines and other publications. Receives instructions from News Editor or Chief Reporter regarding nature of pictures to be taken etc.
<b>10</b>	<b>Licensing requirements</b>	<b>NOT REQUIRED</b>

11	<b>Statutory and Regulatory requirement of the relevant sector (documentary evidence to be provided)</b>	NOT APPLICABLE		
12	<b>Level of the qualification in the NSQF</b>	Level 4		
13	<b>Anticipated volume of training/learning required to complete the qualification</b>	<b>Sl. No.</b>	<b>Course Element</b>	<b>Notional Training Hours</b>
		1	Professional Skill (Trade Practical)	1200
		2	Professional Knowledge (Trade Theory)	240
		5	Employability Skills	160
			Total	1600
14	<b>Indicative list of training tools required to deliver this qualification</b>	As per Annexure I of curriculum.		
15	<b>Entry requirements and/or recommendations and minimum age</b>	Passed 10th Class Examination. Minimum age 14years as on first day of academic session		
16	<b>Progression from the qualification (Please show Professional and academic progression)</b>	An Individual can proceed for:		
		Professional <ul style="list-style-type: none"> <li>• Technician</li> <li>• Senior Technician</li> <li>• Supervisor</li> <li>• Manager</li> <li>• Entrepreneur</li> </ul>	Technical / Academic 	
17	<b>Arrangements for the Recognition of Prior learning (RPL)</b>	<ul style="list-style-type: none"> <li>• Yes (For more details refer “Guidelines for Private candidate” in DGT website MIS portal).</li> </ul>		
18	<b>International comparability</b>	-		

	<b>where known (research evidence to be provided)</b>			
<b>19</b>	<b>Date of planned review of the qualification.</b>	5 Yrs. from the Date of Approval		
<b>20</b>	<b>Formal structure of the qualification</b>			
	<b>Mandatory components</b>			
	<b>Title of component and identification code/NOSs/ Learning Outcomes</b>	<b>Estimated size (learning hours)</b>		<b>Level</b>
		<b>Skills</b>	<b>Knowledge</b>	
<b>TRADE SPECIFIC</b>				
(i)	Identify and use Lenses following the safety precautions.	60	12	3
(ii)	Apply various types of lights on the photographs using lighting techniques, taking indoor and outdoor photographs and use of special areas of photography.	60	12	3
(iii)	Use different types of object lighting: Daylight, Artificial light and their combination. Tungsten light, fluorescent Light, single & multiple electronic flash, reflectors, exposure meters.	60	12	4
(iv)	Work with basic portrait, studio photography, Commercial/Advertisement photography, Sports photography, fashion photography, slow and fast moving objects, functions, machines and processes, land scape, architecture, night photography children, animal, birds, shooting spot etc. by digital camera,	90	18	4

	candid photography, time lapse photography.			
(v)	Apply Computer Fundamentals Monitor Calibration, Interfaces.	30	06	4
(vi)	Apply image transportation by using editing software, taking printouts of photographs by using computer system from digital camera.	60	12	4
(vii)	Develop the skill & knowledge of Multimedia in Photography. Demonstrate most of the important aspects of Photo Editing software Elements. Show the usual workflow steps for photo editing, organizing, and sharing.	90	18	4
(viii)	Work with Images & Graphics.	30	06	4
(ix)	Demonstrate four Key Skills of a Successful Photographer and procurement of good quality cameras and its accessories.	60	12	4
(x)	Use different video equipment and their operations. Demonstrate the basic principles of video and audio recording.	90	18	4
(xi)	Apply skill of Editing Techniques and the motion Picture Photography techniques.	90	18	
(xii)	Apply Principles of Light, demonstrating the quality and types of lights.	30	06	4
(xiii)	Demonstrate the Shooting techniques by using digital video camera with pan-tilt-zoom and use of camcorder camera operating techniques.	90	18	4
(xiv)	Apply Audio recording sound by using different types of microphones. Mixing, editing, dubbing and sweetening of sound.	60	12	4

(xv)	Use of three point lighting for video shooting in a studio and selection of shooting camera, studio lights accessories for field lighting.	60	12	4
(xvi)	Make documentary films, Shoot interviews, news, and make advertisements etc.	90	18	4
(xvii)	Work with post-production.	120	24	4
(xviii)	Apply the necessity of planning a production while working.	30	06	4
<b>CORE SKILL</b>				
<b>EMPLOYABILITY SKILLS</b>				
(i)	Apply safe working practices.	-	20	4
(ii)	Comply with environment regulation and housekeeping.		20	4
(iii)	Interpret & use formal and technical communication.		20	4
(iv)	Apply the concept in productivity & quality management in day to day work to improve productivity & quality.		20	4
(v)	List and interpret various acts of labour welfare legislation.		20	4
(vi)	Explain energy conservation, global warming and pollution and contribute in day to day work by optimally using available resources.		20	4
(vii)	Explain personnel finance, entrepreneurship and manage/organize related task in day to day work for personal & societal growth.		20	4
(viii)	Utilize basic computer applications and internet to take benefit of IT developments in the industry.		20	4
	<b>Total</b>		1600	

**SECTION 1**  
**ASSESSMENT**

21	<p><b>Body/Bodies which will carry out assessment:</b>          Controller of Examinations, DGT</p>
22	<p><b>How will RPL assessment be managed and who will carry it out?</b>          DGT will carry out the RPL assessment following the below mentioned eligibility criteria for Trainee:</p> <p>Applicants aspiring to appear as Private Candidates in the AITT under CTS for award of NTC, have been categorized based on their educational background and experience. Subsequently 'Private Candidates' may be admitted under one of the following categories. Category wise 'eligibility criteria' for appearing as 'Private Candidate' in AITT under CTS has been listed below:</p> <p>Category I: Ex-trainees (successful pass-outs) of ITI</p> <p>A. Ex-trainees of ITI who already possess NTC in one of the trades under CTS, are eligible for applying as Private candidate for an allied trade, provided he/ she fulfils all the conditions regarding educational qualification etc. prescribed for that allied trade.</p> <p>B. In addition, the applicant should possess minimum of 1 year experience (as on date of submission of application) post the date of AITT result declaration in the desired allied trade in establishments implementing Apprenticeship Training Scheme (ATS)/ establishments registered under the Apprenticeship portal or registered MSMEs or Entities registered with any government/local authorities / shops covered under Factories Act 1948 and Shops and Establishments Act applicable for the concerned State.</p> <p>Category II: 'Ex-trainees (successful pass-outs) and current trainees under CoE scheme</p> <p>A. The applicant should have the minimum prescribed entry qualification and should fulfil eligibility criteria for the desired trade under CTS, in which he/she intends to appear for AITT as Private Candidate. CoE candidates must register as 'Private Candidate' under CTS in the relevant/mapped CTS trade only.</p> <p>B. There should be a minimum gap of 1 year between successful completions of CoE training i.e. from the date of result declaration to the date of submission of application for 'Private Candidate' certification.</p> <p>C. During this gap of 1 year, the candidate must have undergone Industry training or gained experience in desired trade in establishments implementing Apprenticeship Training Scheme (ATS)/ establishments registered under the Apprenticeship portal or registered MSMEs or Entities registered with any government/local authorities / shops covered under</p>



	<p>Factories Act 1948 and Shops and Establishments Act applicable for the concerned State.</p> <p>Category III: SCVT Candidates (admitted till August 2018 session)  A. No special provisions have been made for SCVT Trainees to enrol as 'Private Candidate'. Going forward, SCVT trainees have been granted equivalence vide G.S.R 186(E) dated 2nd March 2017 for undergoing apprenticeship training under the Apprentices Act 1961 to obtain 'NAC'.  B. Only for SCVT trainees admitted till August 2018 batch, provision has been made for obtaining NTC by appearing in AITT under 'Private Candidate'. Such trainees will continue to be governed by old guidelines for 'Private Candidate'.</p> <p>Category IV: Other Candidates (candidate not falling in any of the above 3 categories, including SCVT trainees enrolled from admission session 2019 onwards)  A. The applicant should have the minimum prescribed entry qualification and should fulfil eligibility criteria for the relevant trade under CTS, in which he/she desires to appear for AITT as Private Candidate.  B. Applicant should be minimum 21 years of age on the date of submission of application. There is no upper age limit.  C. The applicant should possess minimum of 3 years' experience (on the date of submission of application) in the relevant trade in establishments implementing Apprenticeship Training Scheme (ATS)/ establishments registered under the Apprenticeship portal or registered MSMEs or Entities registered with any government/local authorities / shops covered under Factories Act 1948 and Shops and Establishments Act applicable for the concerned State.  For detail and updated information please refer to DGT web portal.</p>
<p><b>23</b></p>	<p><b>Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, reliable and fair and show that these are in line with the requirements of the NSQF.</b></p> <p><b>(1) Assessment process:</b>  The assessment for the qualification is carried out by conducting formative assessments, and end of year examinations (Summative). The formative assessments in respect of each Learning Outcome for practical and related theory are conducted by the concerned instructors for evaluating the knowledge and skill acquired by trainees and the behavioural transformation of the trainees. This formative assessment is primarily</p>

carried out by collecting evidence of competence gained by the trainees by evaluating them at work based on assessment criteria, asking questions and initiating formative discussions to assess understanding and by evaluating records and reports. Summative assessment is carried out by All India Trade Test on Trade Theory, Trade practical and Employability Skills. The question papers for the theory Examinations contain objective type questions.

The marking pattern and distribution of marks for the qualification are as under:

Sl. No.	Type of assessment	Subject for the trade test	Marks
1	Summative Assessment	Practical	250
2		Trade Theory	100
3		Employability Skills	50
4	Formative assessment based on Learning Outcomes		200
<b>TOTAL:</b>			<b>600</b>

**(2) Minimum pass marks:**

The minimum pass percent for Trade Practical and Formative assessment is 60% & for all other subjects is 33%. There will be no Grace marks.

**Testing and certifications for the course:**

Controller of examinations, DGT carries out the assessment and issues National Trade Certificate (NTC) following the norms and guidelines issued by the Directorate from time to time.

**Overall assessment strategy:**

Assessment of the qualification evaluates trainees to show that they can integrate knowledge, skills and values for carrying out relevant tasks as per the defined learning outcomes and assessment criteria. The trainees may choose the preferred language for assessment. The underlying principle of assessment is fairness and transparency. While assessing the trainee, assessor is directed to assess as per the defined assessment criteria against the learning outcomes. The evidence of the competence acquired

	<p>by the trainees can be obtained by conducting theory and practical examinations, observing the trainees at work, asking questions and initiating discussions to assess, understand and evaluate records and reports. The ultimate objective of the assessment is to assess the candidates as per the defined assessment criteria for the learning outcomes.</p> <p><b>Specific Arrangements for assessment:</b></p> <ul style="list-style-type: none"> <li>• Assessment is outcome-based.</li> <li>• There are formative and summative assessments in Theory and Practical.</li> <li>• Assessment is carried out in Trade theory, Trade Practical and Employability Skills.</li> <li>• While Trade Theory and Trade Practical are used for assessing Trade-related jobs and Employability skills is used to test the communication, professional language, leadership and entrepreneurship and team-work abilities of the trainee.</li> <li>• In addition to demonstration of theory and practical knowledge, trainees get a chance to present total personality.</li> </ul> <p><b>Quality assurance activities:</b></p> <p>Question papers are set by external paper setters/ software generated. Evaluation of Theory Examinations in Trade and Employability Skill is done by third-party agency.</p> <p>Trade Practical is examined by External Examiner.</p>
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## 24. Assessment evidences

**Title of Component: Formative Assessment Breakup**

<b>Means of assessment</b>		
Assessment will be evidence based comprising the following for each Learning Outcome:		
<b>Serial No.</b>	<b>Terminal Competency</b>	<b>Maximum Weightage (%)</b>
1	Safety consciousness	15
2	Workplace hygiene	5
3	Attendance/ Punctuality	10
4	Ability to follow Manuals/ Written instructions	5

**NSQF QUALIFICATION FILE**Approved in 24<sup>th</sup> NSQC, dated: 27<sup>th</sup> Feb, 2020

Digital Photographer

5	Application of Knowledge	10
6	Skills to handle tools / equipment/ Instruments/ Devices	10
7	Economical use of materials	5
8	Working Strategy	10
9	Quality in workmanship/ Performance	15
10	VIVA	15
	Total Maximum Weightage (%)	100

**Pass/Fail**

The minimum pass percentage is 60% marks for formative assessment.

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**LEARNING OUTCOME WITH ASSESSMENT CRITERIA:**

<b>LEARNING OUTCOMES (TRADE SPECIFIC)</b>	
<b>LEARNING OUTCOME</b>	<b>ASSESSMENT CRITERIA</b>
1. Identify and use Lenses following safety precautions.	Identify different types of lenses for different types of digital camera.
	Demonstrate lenses with wide angle, Normal, telephoto and zoom range.
	Identify and understand the focal length of the different types of lenses.
	Demonstrate disposal procedure of wastage/electronic materials.
	Identify the different types of lenses to take variety of photo.
2. Apply various types of lights on the photographs using lighting techniques, taking indoor and outdoor photographs and use of special areas of photography.	Practice on different types of composition using various lighting techniques.
	To do practice on taking photographs by varying aperture, shutter speed and use of different types of lenses.
	To do practice on taking photographs by varying aperture, shutter speed and use of different types of lenses.
	To do practice of taking photographs on special area of photography.
3. Use different types of object lighting: Daylight, Artificial light and their combination. Tungsten light, fluorescent Light, single & multiple electronic flash, reflectors, exposure meters.	Take photographs in natural light, tungsten light and fluorescent light.
	Take photographs with single & multiple electronic flash.
	Take photographs with Reflectors, exposure meters, studio flash.
	Take photographs with different accessories (Lux Meter, Slave Unit) and guide number.
4. Work with basic	Demonstrate different parts of digital camera photography for

portrait, studio photography, Commercial/Advertisement photography, Sports photography, fashion photography, slow and fast moving objects, functions, machines and processes, landscape, architecture, night photography children, animal, birds, shooting spot etc. by digital camera, candid photography, time lapse photography.	commercial/advertisement.
	Demonstrate photography for sports by digital cameras.
	Demonstrate photography for fashion by digital cameras.
	Demonstrate photography for basic architecture /monuments with digital cameras.
	Demonstrate photography for animal and birds in slow and fast-moving conditions by digital cameras.
	Demonstrate photography in night conditions for children/group by digital cameras
5. Apply Computer Fundamentals Monitor Calibration, Interfaces.	Work with operating software with accessories and configuration of multimedia PC with other application software. Monitor Calibration.
	Work on multimedia platform for internet and its functions.
6. Apply image transportation by using editing software, taking printouts of photographs by using computer system from digital camera.	Perform digital editing by using bit map and vector based image editing software.
	Demonstrate ability of taking printouts of photographs taken by a digital camera from computer printer.
	Explain the concept of image transportation to storage media.
	Demonstrate sending photographs through internet/E-mail.
7. Develop the skill & knowledge of	Demonstrate ability to work with Adjustment Layers.

	Demonstrate blending modes for layers using filters, styles, and effects, working with text layers.
	Repair and retouching tools and techniques with the Smart Brush and adjustment layers.
	Demonstrate colour spaces, colour management, and printing.
	Demonstrate resolution and pixels for printing image with the we band working with old photos. Scanning, colorizing, black & white.
	Perform slide shows with adding music and titles to old photographs and old video.
	Demonstrate the Photo merge tools to combine the best parts of photos/video.
8. Work with Images & Graphics.	Demonstratescan photographs and capture frames and making still images in multimedia application.
	Demonstratethe methods of storing & processing (Raster method, Vector method) – Factors influencing quality (Resolution, Pixel depth, Pixel aspect ratio) – Colour models.
	Demonstrate methods of capturing: Scanner – Digital Camera – Frame Grabber and IMAGE COMPRESSION
9. Demonstrate Four Key Skills of a successful Photographer and Procurement of a good quality cameras and its accessories.	Demonstrate hard skill: Technical
	Demonstrate on hard : Artistic
	Communication skill and body language to be checked.
10. Use different video equipment and their operations.Demonstrate the basic principles of video and audio recording.	Work with digital video cameras on tripodstand,VTR, Camcorder, Monitor.
	Set up a single camera unit: Black balance and White balance, Adjustment of viewfinder and monitor, Familiarization of in-camera filters and other in-camera controls, Day-&-night Video-graphy by manipulation of white balance.
	Demonstrate operation of various camera movements.
11. Apply skill of Editing	Demonstrate basic shot terminology : Close up, Mid shot,

Techniques and the motion Picture Photography techniques.	Long shot, Big close up, Mid-long shot, Extreme long shot, Point of view (POV) shot, Over-the Shoulder(OSS) shot, high angle and low angle shot, top angle shot.
	Demonstrate Action Axis (180 degree rule); matching of action, Static and Dynamic Continuity, Reverse angle.
	Perform operations and Camera movements Pan, tilt, trolley, dolly, crane, steady – cam and usage of other camera support.
12. Apply Principles of Light, demonstrating the quality and types of lights.	Explain basic principle of light. (i) Electromagnetic spectrum, visible spectrum. (ii) Behavior of light (Direct and Indirect)(iii) Inverse square law. (iv) Basic principles of color, Color temperature, CIE diagram, trichromatic theory of vision.
	Work on quality of light: Specular, diffused and bounced. (ii) Types of light : Natural day light, Incandescent, (tungsten-halogen, LED and PAR etc.
	Work on Low key and High key technique of lighting, use of back light, kicker and background light. Practice to light up 2-point and 3-point lighting in an indoor situation. Light source filters and gels for mixed lighting situation.
	Use the reflectors, mirrors, skimmers as fill light in an outdoor situation.
13. Demonstrate the Shooting techniques by using digital video camera with pan-tilt-zoom and use of camcorder camera operating techniques.	Handle digital video camera and their accessories, camera Movement – Pan – tilt- Zoom. Dimension of image.
	Explain basic camera do's and "dont's Before and after the shoot.
	Work on DSLR and video camera. Assignment must be given at week end and monitored regularly.
14. Apply the Audio recording sound by using different types of microphones. Mixing, editing, dubbing and	Work on the concept of audio video recording using External Microphone and Line recording.
	Perform mixing, editing, dubbing of sound.



sweetening of sound.	
15. Use of three point lighting for video shooting in a studio and selection of shooting camera, studio lights accessories for field lighting.	Practice for Lighting of different areas of video shooting.
	Practice on three point lighting, indoor and outdoor lighting etc.
	Practice on hard and soft lighting. Single camera lighting, bounce lighting.
	Use of reflectors & skimmer.
16. Make documentary films, Shoot interviews, news, and make advertisements etc.	Shoot different areas and topics such as sports, wildlife, modelling, demand documentary, serial.
	Perform shooting of news, interview, seminar/ workshop, industrial, live broadcasting, musical event, Advertisement, Architectural, monuments, travel videos and Landscapes.
17. Work with post-production.	Demonstrate Video Editing Process.
	Edit thestory, Trim thestory, Addmusic, titles and transitions, Rearranging, adding and removing sections of video clips and audio clips. Applying colour correction, filters and other enhancements, Creating transitions between clips.
	Perform Non-Linear Video Editing technique and their utilisation for various types of production.
18. Apply the necessity of planning a production while working.	Make a plan for production and qualities of a good production.
	Explain principle of direction during production, objective to be coped with during pre-production.

<b>LEARNING OUTCOME (CORE SKILL)</b>	
<b>LEARNING OUTCOME</b>	<b>ASSESSMENT CRITERIA</b>
<b>EMPLOYABILITY SKILLS</b>	
1. Apply safe working practices	Follow and maintain procedures to achieve a safe working environment in line with occupational health and safety regulations and requirements and according to site policy.
	Recognize and report all unsafe situations according to site policy.
	Identify and take necessary precautions on fire and safety hazards and report according to site policy and procedures.
	Identify, handle and store / dispose off dangerous goods and substances according to site policy and procedures following safety regulations and requirements.
	Identify and observe site policies and procedures in regard to illness or accident.
	Identify safety alarms accurately.
	Report supervisor/ Competent of authority in the event of accident or sickness of any staff and record accident details correctly according to site accident/injury procedures.
	Identify and observe site evacuation procedures according to site policy.
	Identify Personal Protective Equipment (PPE) and use the same as per related working environment.
	Identify basic first aid and use them under different circumstances.
	Identify different fire extinguisher and use the same as per requirement.
2. Comply with environment regulation and housekeeping	Identify environmental pollution & contribute to the avoidance of instances of environmental pollution.
	Deploy environmental protection legislation & regulations
	Take opportunities to use energy and materials in an environmentally friendly manner.
	Avoid waste and dispose waste as per procedure
	Recognize different components of 5S and apply the same in the working environment.

3. Interpret & use formal and technical communication.	Obtain sources of information and recognize information.
	Use and draw up technical drawings and documents.
	Use documents and technical regulations and occupationally related provisions.
	Conduct appropriate and target oriented discussions with higher authority and within the team.
	Present facts and circumstances, possible solutions & use English special terminology.
	Resolve disputes within the team.
	Conduct written communication.
4. Apply the concept in productivity & quality management in day to day work to improve productivity & quality.	Explain the concept of productivity and apply during execution of job.
	Explain the concept of quality tools and apply during execution of job.
5. List and interpret various acts of labour welfare legislation.	Explain basic concept of labour welfare legislation, adhere to responsibilities and remain sensitive towards such laws.
	Knows benefits guaranteed under various acts.
6. Explain energy conservation, global warming and pollution and contribute in day to day work by optimally using available resources.	Explain the concept of energy conservation, global warming, pollution and utilize the available resources optimally & remain sensitive to avoid environment pollution.
	Explain standard procedure for disposal of waste.
7. Explain personnel finance, entrepreneurship and manage/organize related task in day to day work for personal & societal growth.	Explain personnel finance and entrepreneurship.
	Explain role of various schemes and institutes for self-employment i.e. DIC, SIDA, SISI, NSIC, SIDO, Idea for financing/ non-financing support agencies to familiarize with the policies/ programmes, procedure & the available scheme.
	Prepare a report to become an entrepreneur for submission to financial institutions.
8. Utilize basic computer applications and internet	Explain the basic hardware of personal computer.
	Use common application software viz., word, excel, power

to take benefit of IT developments in the industry.	point etc., in day to day work.
	Awareness about useful internet websites, search relevant information pertaining to the assigned tasks.

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**SECTION 2**

**25. EVIDENCE OF LEVEL**

**OPTION A**

Title/Name of qualification/component: Digital Photographer			Level: 4
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relates to the NSQF level descriptors	NSQF Level
Process	<p><b>Familiar, Predictable, Routine Situations of Clear Choice</b></p> <ul style="list-style-type: none"> <li>• Apply Image transportation by using editing software, taking printouts of photographs by using computer system from digital camera.</li> <li>• Demonstrate four Key Skills of a Successful Photographer and procurement of good quality cameras and its accessories.</li> <li>• Use different video equipment and their operations. Demonstrate the basic principles of video and audio recording.</li> </ul>	<p>In all the learning outcomes for example ‘Apply Image transportation by using editing software, taking printouts of photographs by using computer system from digital camera.’ and ‘Demonstrate four Key Skills of a Successful Photographer and procurement of good quality cameras and its accessories.’, the learner will be required to choose appropriate products, equipments, procedures as per the requirement of the job. The work will however be done within a familiar, predictable and routine range of situations to achieve the tolerance levels and accuracy demanded as per the job.</p> <p>Thus the learner requires demonstrating ability to work in familiar, predictable, routine, situation of clear choice.</p>	4

<b>Title/Name of qualification/component: Digital Photographer</b>			<b>Level: 4</b>
<b>NSQF Domain</b>	<b>Outcomes of the Qualification/Component</b>	<b>How the outcomes relates to the NSQF level descriptors</b>	<b>NSQF Level</b>
		And the NSQF level as per this descriptor will be 4.	
Professional knowledge	<b>Factual Knowledge of field of Knowledge or study</b> <ul style="list-style-type: none"> <li>• Types of Lenses.</li> <li>• Understanding visual communication and aesthetic in Photography.</li> <li>• Concept of operating software, functions and its uses.</li> </ul>	The learner is expected to possess knowledge about different types of lenses, concept of focal length, depth of focus perspective , aberrations of lenses, theory of light and sources etc. He/she must have knowledge about basics of Internet, different image editing software & its application,workflow steps for editing photos in Photo editing software &its elements. He/she is also expected to know about different types of scanners& capture cards, editing and capturing	4

<b>Title/Name of qualification/component: Digital Photographer</b>			<b>Level: 4</b>
<b>NSQF Domain</b>	<b>Outcomes of the Qualification/Component</b>	<b>How the outcomes relates to the NSQF level descriptors</b>	<b>NSQF Level</b>
	<ul style="list-style-type: none"> <li>• Knowledge different types of scanners&amp; capture cards, editing and capturing methods.</li> <li>• Understand the techniques of shooting.</li> </ul>	<p>methodsetc.</p> <p>The above knowledge expected to be possessed by the learner are the factual knowledge of this field of work or study.</p> <p>Hence NSQF Level 4 for this Descriptor.</p>	
Professional skill	<ul style="list-style-type: none"> <li>• Apply skill of Editing Techniques and the motion Picture Photography techniques.</li> <li>• Apply Principles of Light, demonstrating the quality and types of lights.</li> <li>• Demonstrate the shooting techniques by using digital video camera with pan-tilt-zoom and use of camcorder camera operating techniques.</li> </ul>	<p>In learning outcomes such as ‘Apply skill of Editing Techniques and the motion Picture Photography techniques’ and ‘Demonstrate the shooting techniques by using digital video camera with pan-tilt-zoom and use of camcorder camera operating techniques’, the learner is expected to recall and demonstrate practical skills and make use of appropriate rules and tools in order to perform the assigned tasks. The nature of work performed by the learner is repetitive in narrow range of application and routine type.</p> <p>Hence NSQF Level 4 for this Descriptor.</p>	4

Title/Name of qualification/component: Digital Photographer			Level: 4
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relates to the NSQF level descriptors	NSQF Level
Core skill	<p><b>Language to communicate written or oral, with required clarity</b></p> <ul style="list-style-type: none"> <li>Interpret &amp; use formal and technical communication.</li> </ul> <p><b>Basic Arithmetic and algebraic principles</b></p> <ul style="list-style-type: none"> <li>Explain personnel finance, entrepreneurship and manage/organize related task in day to day work for personal &amp; societal growth.</li> </ul> <p><b>Basic Understanding of social/political</b></p> <ul style="list-style-type: none"> <li>Explain energy conservation, global warming and pollution and contribute in day to day work by optimally using available resources</li> </ul>	<p>The learning outcomes for example 'Interpret &amp; use formal and technical communication' and 'Explain personnel finance, entrepreneurship and manage/organize related task in day to day work for personal &amp; societal growth.' are the learning outcomes where the learner requires to display competence in written language with required clarity, skill of basic arithmetic &amp; algebraic principles in order to understand the work enlisted in the job card/service card and use the measuring &amp; marking tools. The learner will also need to communicate with team supervisor to understand the job and explain ones work.</p> <p>The learner is also expected to possess basic understanding of social political and natural environment as mentioned in the learning outcome for example 'Explain energy conservation, global warming and pollution and contribute in day to day work by optimally using available resources'.</p>	4



<b>Title/Name of qualification/component: Digital Photographer</b>			<b>Level: 4</b>
<b>NSQF Domain</b>	<b>Outcomes of the Qualification/Component</b>	<b>How the outcomes relates to the NSQF level descriptors</b>	<b>NSQF Level</b>
		Hence NSQF Level is 4 for this descriptor.	
Responsibility	<ul style="list-style-type: none"> <li>Apply Audio recording sound by using different types of microphones. Mixing, editing, dubbing and sweetening of sound.</li> <li>Use of three point lighting for video shooting in a studio and selection of shooting camera, studio lights accessories for field lighting.</li> <li>Make documentary films, Shoot interviews, news, and make advertisements etc.</li> </ul>	<p>The role of the learner is to perform the work as per specifications and apply their own analysis of what needs to be done based on their understanding of various photography and videography techniques. The learner is expected to perform mixing, editing, dubbing and sweetening of sound, make documentary films, advertisements, shoot interviews, news etc.</p> <p>Here the learner is responsible for his own quality work and learning to ensure the conformance of given job requirements.</p> <p>Hence NSQF Level is 4 for this descriptor.</p>	4

**SECTION 3**  
**EVIDENCE OF NEED**

26	<p><b>What evidence is there that the qualification is needed? What is the estimated uptake of this qualification and what is the basis of this estimate?</b></p> <table border="1" data-bbox="339 551 1390 1697"> <thead> <tr> <th data-bbox="339 551 627 692"><b>Basis</b></th> <th data-bbox="627 551 1390 692"><b>In case of other Awarding Bodies (Institutes under Central Ministries and states departments)</b></th> </tr> </thead> <tbody> <tr> <td data-bbox="339 692 627 1072">Need of the qualification</td> <td data-bbox="627 692 1390 1072">Media &amp; Entertainment Sector has a significant presence of organized as well as unorganized skilled manpower requirement. This sector is poised to grow exponentially in the years to come and is highly labor intensive and there are many emerging trends in this sector. Hence the qualification has been designed keeping in view to cater to the ever-increasing demand of skilled manpower in consultation with stakeholders.</td> </tr> <tr> <td data-bbox="339 1072 627 1498">Industry Relevance</td> <td data-bbox="627 1072 1390 1498">The job role defined for the qualification is as per the National Classification of Occupations 2015 which is developed by Employment Directorate under the ministry of Labour and Employment in collaboration with different industry partners and as per ILO guidelines. Moreover, the training is imparted in ITIs/NSTIs/MSTIs/BTC/ BTPs/ Industries / Establishments etc. where such requirement is available. This justifies the qualification is very much relevant for industry.</td> </tr> <tr> <td data-bbox="339 1498 627 1626">Usage of the qualification</td> <td data-bbox="627 1498 1390 1626">The Proposed qualification will create skilled craftsman for various establishments in different Sectors.</td> </tr> <tr> <td data-bbox="339 1626 627 1697">Estimated uptake</td> <td data-bbox="627 1626 1390 1697">The present seating capacity is 357.</td> </tr> </tbody> </table>	<b>Basis</b>	<b>In case of other Awarding Bodies (Institutes under Central Ministries and states departments)</b>	Need of the qualification	Media & Entertainment Sector has a significant presence of organized as well as unorganized skilled manpower requirement. This sector is poised to grow exponentially in the years to come and is highly labor intensive and there are many emerging trends in this sector. Hence the qualification has been designed keeping in view to cater to the ever-increasing demand of skilled manpower in consultation with stakeholders.	Industry Relevance	The job role defined for the qualification is as per the National Classification of Occupations 2015 which is developed by Employment Directorate under the ministry of Labour and Employment in collaboration with different industry partners and as per ILO guidelines. Moreover, the training is imparted in ITIs/NSTIs/MSTIs/BTC/ BTPs/ Industries / Establishments etc. where such requirement is available. This justifies the qualification is very much relevant for industry.	Usage of the qualification	The Proposed qualification will create skilled craftsman for various establishments in different Sectors.	Estimated uptake	The present seating capacity is 357.
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27	<p><b>Recommendation from the concerned Line Ministry of the Government/Regulatory Body. To be supported by documentary evidences.</b></p> <p>The qualification originally designed for Craftsman Training Scheme is in existence for many years and approved by DGT (Regulatory Body) under Ministry of Skill Development and Entrepreneurship, Govt. of India.</p>										

28	<p><b>What steps were taken to ensure that the qualification(s) does (do) not duplicate already existing or planned qualifications in the NSQF? Give justification for presenting a duplicate qualification</b></p> <p>The qualification is originally designed and approved by DGT for the Craftsman Training Scheme and is in existence for many years. No such duplicate qualification of same duration and competencies exists.</p>
29	<p><b>What arrangements are in place to monitor and review the qualification(s)? What data will be used and at what point will the qualification(s) be revised or updated? Specify the review process here</b></p> <ul style="list-style-type: none"> <li>• The research wing of CSTARI &amp; DGT reviews and updates the qualification, in consultation with industries and other stakeholders, on a regular basis by conducting trade committee meetings.</li> <li>• DGT will monitor any duplicity by comparing existing qualifications with upcoming ones in the National Qualifications Register (NQR) and relevant sectors.</li> </ul>

**SECTION 4**  
**EVIDENCE OF PROGRESSION**

**30** **What steps have been taken in the design of this or other qualifications to ensure that there is a clear path to other qualifications in this sector? Show the career map here to reflect the clear progression**

On completion of the training the trainee will have an opportunity to move in vertical/horizontal pathways to promote to higher designations. The learner can further undergo other specialised courses to excel in the relevant field.

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graph LR
    A[Technician] --> B[Senior Technician]
    B --> C[Supervisor]
    C --> D[Manager]
    B --> E[Entrepreneur]
  
```

The diagram illustrates a career progression path. It starts with a box labeled 'Technician'. A double-lined arrow points to a box labeled 'Senior Technician'. From 'Senior Technician', a double-lined arrow points to a box labeled 'Supervisor'. From 'Supervisor', a double-lined arrow points to a box labeled 'Manager'. Below the 'Senior Technician' box, a vertical line descends to a horizontal line that spans the width of the 'Senior Technician', 'Supervisor', and 'Manager' boxes. From the center of this horizontal line, a double-lined arrow points down to a box labeled 'Entrepreneur'.