

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: Mrs. Sandhya Salwan

Position in the organisation: Deputy Director General

Address if different from above:

Tel number(s): 011-25802140

E-mail address: sandhya.salwan@nic.in

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:

- a) Indicative list of tools/equipment to conduct the training: Enclosed with curriculum
- b) Trainers qualification: Indicated in the curriculum
- c) 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.

- d) Distribution of training duration into theory/practical/OJT component: Indicated in the curriculum.
- 2. Curriculum for Core Skills (Employability Skills).**

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● **SUMMARY**

1.	Qualification Title	'PHYSIOTHERAPY TECHNICIAN'
2.	Qualification Code, if any	DGT/1038
3.	NCO code and occupation	3255.0101- Assistant Physiotherapist
4.	Nature and purpose of the qualification (Please specify whether qualification is short term or long term)	Prepare Physiotherapist in the Healthcare Industry to assist in the rehabilitation of patients suffering from reduced mobility. It is a long term qualification
5.	Body/bodies which will award the qualification	Directorate General of Training (DGT).
6.	Body which will accredit providers to offer courses leading to the qualification	Directorate General of Training (DGT) accredits the Training providers (ITIs/ NSTIs/ MSTIs/ BTCs/ BTPs/ Industries / Establishments).
7.	Whether accreditation/affiliation norms are already in place or not , if applicable (if yes, attach a copy)	Yes. The accreditation/ affiliation norms and any amendments made from time to time are available on DGT web portal.
8.	Occupation(s) to which the qualification gives access	<ul style="list-style-type: none"> Assistant Physiotherapist
9.	Job description of the occupation	The individual can work as physiotherapist in the Healthcare Industry and works alongside qualified physiotherapists and assists in the rehabilitation of patients suffering from reduced mobility. The learner is responsible for setting up equipment, preparing clients for therapy and demonstrating mobility aids and exercises.
10.	Licensing requirements	Not Required
11.	Statutory and Regulatory requirement of the relevant sector (documentary evidence to be provided)	Not Applicable
12.	Level of the qualification in the NSQF	Level-3

	Title of component and identification code/NOSs/ Learning outcomes	Estimated size (learning hours)		Level
		SKILL	KNOWLEDGE	
TRADE SPECIFIC				
(i)	Operate using suitable tools and equipments with basic outline of physiotherapy and develop a vocabulary of appropriate terminology following safety precautions. (NOS:HSS/N9428)	20	6	3
(ii)	Analyze and assemble the components of skeleton system. (NOS:HSS/N9429)	45	12	3
(iii)	Analyze the joints by using X-Ray films. (NOS:HSS/N9430)	20	6	3
(iv)	Differentiate various muscles. (NOS:HSS/N9431)	45	12	3
(v)	Recognize basic cell structure and its organelles. (NOS:HSS/N9432)	20	6	3
(vi)	Identify the major neural tissues. (NOS:HSS/N9433)	45	12	3
(vii)	Relate the anatomical position of circulatory system on mannequin. (NOS:HSS/N9434)	20	6	3
(viii)	Categorize foods according to nutrients and assemble organs of digestive system. (NOS:HSS/N9435)	20	6	3
(ix)	Illustrate respiratory system. (NOS:HSS/N9436)	20	6	3
(x)	Arrange organs on dummy of excretory and reproductive system. (NOS:HSS/N9437)	20	6	3
(xi)	Design a treatment plan for stiff parts of body. (NOS:HSS/N9438)	20	6	3

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(xii)	Illustrate the effects of IRR. (NOS:HSS/N9439)	20	6	3
(xiii)	Execute remedial effects of cryotherapy. (NOS:HSS/N9440)	20	6	3
(xiv)	Enumerate the benefits of SWD. (NOS:HSS/N9441)	20	6	3
(xv)	Test and lay out therapeutic uses of UST. (NOS:HSS/N9442)	20	6	3
(xvi)	Plan a regimen to stimulate muscles. (NOS:HSS/N9443)	65	18	3
(xvii)	Asses and create a massage therapy. (NOS:HSS/N9444)	45	12	3
(xviii)	Carry out physiotherapy assessment and develop exercise regimen. (NOS:HSS/N9445)	155	42	3
(xix)	Develop remedial measures for back pain and abnormal gaits. (NOS:HSS/N9446)	130	36	3
(xx)	Prepare assessment chart and rehabilitation protocol. (NOS:HSS/N9447)	70	24	3
CORE SKILLS				
EMPLOYABILITY SKILLS				
i)	Introduction to Employability Skills	-	120	-
ii)	Constitutional values - Citizenship	-		-
iii)	Becoming a Professional in the 21st Century	-		-
iv)	Basic English Skills	-		-
v)	Career Development & Goal Setting	-		-
vi)	Communication Skills	-		-
vii)	Diversity & Inclusion	-		-
viii)	Financial and Legal Literacy	-		-
ix)	Essential Digital Skills	-		-
x)	Entrepreneurship	-		-

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xi)	Customer Service	-		-
xii)	Getting Ready for Apprenticeship & Jobs	-		-
	Total		1200	-
	OJT/Group Project		150	

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SECTION 1

ASSESSMENT

21.	<p>Body/Bodies which will carry out assessment: Controller of Examinations, DGT</p>
22.	<p>How will RPL assessment be managed and who will carry it out? 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</p>

	<p>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 III: SCVT Candidates (admitted till August 2018 session)</p> <p>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'.</p> <p>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)</p> <p>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.</p> <p>B. Applicant should be minimum 21 years of age on the date of submission of application. There is no upper age limit.</p> <p>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.</p> <p>(For detail and updated information please refer to DGT web portal.)</p>
<p>23.</p>	<p>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.</p> <p>(1) Assessment process:</p> <p>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</p>

knowledge and skill acquired by trainees and the behavioural transformation of the trainees. This formative assessment is primarily 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:

Marking Pattern			
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
TOTAL:			600

(2) Minimum pass marks:

The minimum pass percent for Trade Practical and Formative assessment is 60% & for all other subjects is 33%.

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 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.

Specific Arrangements for assessment:

- Assessment is outcome-based.
- There are formative and summative assessments in Theory and Practical.
- Assessment is carried out in Trade theory, Trade Practical and Employability Skills.
- 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.
- In addition to demonstration of theory and practical knowledge, trainees get a chance to present total personality.

Quality assurance activities:

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. Trade Practical is examined by External Examiner.

24. Assessment evidences

Title of Component: Formative Assessment Breakup

(on half yearly average of the learning assessment covered)

Means of assessment

Assessment will be evidence based comprising the following for each Learning Outcome:

Seria l No.	Terminal Competency	Maximum Weightage (%)
1	Safety consciousness	15
2	Workplace hygiene	5

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3	Attendance/ Punctuality	10
4	Ability to follow Manuals/ Written instructions	5
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.

ASSESSMENT CRITERIA

LEARNING OUTCOME (TRADE SPECIFIC)	
LEARNING OUTCOME	ASSESSMENT CRITERIA
1. Operate using suitable tools and equipments with basic outline of physiotherapy and develop a vocabulary of appropriate terminology following safety precautions. (NOS:HSS/N9428)	Identify tools, modalities and equipments to be used in physiotherapy.
	Perform anatomical and fundamental positions.
	Explain the divisions and sub-divisions of human body.
	Clarify terms used in relation to trunk, neck, face, upper and lower limb.
2. Analyze and assemble the components of skeleton system. (NOS:HSS/N9429)	Identify the bones of the body.
	Assemble bones of upper limb.
	Assemble bones of lower limb.
	Differentiate bones of left and right side.
	Recognize all parts of bones.
3. Analyze the joints by using X-Ray films. (NOS:HSS/N9430)	Identify the bones and joints on X-Ray films.
	Arrange bones to form joints of upper and lower limb.
	Recognize the views of X-Ray films.
	Distinguish normal and abnormal X-Rays.
	Identify the bones and joints on X-Ray films.
	Arrange bones to form joints of upper and lower limb.
4. Differentiate various muscles. (NOS:HSS/N9431)	Recall the names of major muscles of lower limb, upper limb, trunk, abdomen, neck and face.
	Categorize types of muscles according to their structure.

	Perform movements of all joints and relate them with muscle's actions.
5. Recognize basic cell structure and its organelles. (NOS:HSS/N9432)	Identify human cell and its organelles.
	Able to give presentation on different types of tissues.
	List the name of skin layers.
6. Identify the major neural tissues. (NOS:HSS/N9433)	Memorize all parts of brain and spinal cord.
	Perform superficial and deep reflexes.
	Write reports for cranial and spinal nerves.
	Demonstrate the body parts supplied by peripheral nerves.
	Perform assessment of pain by using pin prick etc.
7. Relate the anatomical position of circulatory system on mannequin. (NOS:HSS/N9434)	List the names of chambers of heart.
	Demonstrate the physiology of heart with its valves by using charts.
	Check radial and femoral pulse.
	Measure blood pressure by using sphygmomanometer.
8. Categorize foods according to nutrients and assemble organs of digestive system. (NOS:HSS/N9435)	Differentiate food and nutrition.
	Find the images of patients suffering from deficiency of nutrients.
	Exemplify food items according to nutrients.
	Recognize and arrange organs of digestive system on dummy.
	List the name of organs of respiratory system.

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9. Illustrate respiratory system. (NOS:HSS/N9436)	Memorize ribs movements.
	Assesses respiratory rate, inspiration and expiration of chest.
10. Arrange organs on dummy for excretory system and reproductive system. (NOS:HSS/N9437)	Read about the organs of excretory system and human reproductive system.
	Assemble organs on dummy.
11. Design a treatment plan for stiff parts of body. (NOS:HSS/N9438)	Set up hot packs in a hydrocollator tank.
	Prepare and apply hot packs with proper precautions.
	Check patient's skin sensitivity before applying hot packs and wax bath.
	Illustrate the procedure of hot packs and wax bath.
	Make a proper covering over wax with cloth or newspaper.
	Demonstrate the procedure of removal of wax bath/hot pack and place them back into wax bath tub/ hydrocollator tank respectively.
12. Illustrate the effects of IRR. (NOS:HSS/N9439)	Knows the concept of IRR.
	Consider indications of IRR before treatment.
	Demonstrate the positioning of patient during treatment.
	Plan a proper distance of IRR placement from skin of patient with precautions.
13. Execute remedial effects of cryotherapy. (NOS:HSS/N9440)	Assess skin or tissue injury before applying ice.
	Select the relevant method of icing according to the injury and contour of human body.
	Record the timing of the icing.

14. Enumerate the benefits of SWD. (NOS:HSS/N9441)	Check all the parts of SWD.
	Check the position of cable and electrodes.
	Prepare positioning of patient.
	Perform testing of modality.
	Perform different methods of application of electrodes.
	Demonstrate how to wind up the machine after the procedure.
15. Test and lay out therapeutic use of UST. (NOS:HSS/N9442)	Select the frequency for superficial and deep tissues.
	Demonstrate the procedure of ultrasonic modality in different frequencies with precautions.
	Present how to apply ultrasonic gel and phonophoresis.
	Perform different methods of testing of modality.
16. Plan and regimen to stimulate muscles. (NOS:HSS/N9443)	Illustrate the test of muscle stimulator, TENS and IFT.
	Demonstrate the working of muscle stimulator for different muscle conditions.
	Check all the leads of modality before applying.
	Prepare positioning of patient.
	Present position of electrodes of TENS, IFT in pain conditions.
	Check patient's skin sensitivity before applying modalities.
	Perform a practice on different areas of body.
	Perform different methods of application of IFT.

17. Assesses and create a message therapy. (NOS:HSS/N9444)	Assemble the materials to be used in massage (e.g. sheets, oil, powder etc.)
	Plan a proper positioning of patient and therapist during massage of trunk, face, upper and lower limb.
	Demonstrate different techniques of message with precautions.
18. Carry out Physiotherapy assessment and develop exercise regimen. (NOS:HSS/N9445)	Demonstrate exercises to increase ROM manually or by using CPM.
	Schedule measurement of range of motion by using goniometer, inclinometer and inch tape.
	Perform active and active assisted movements.
	Plan exercises according to patient strength.
	Perform strengthening exercises for quadriceps and hamstrings muscles on Quadriceps chair.
	Exhibit equilibrium and non-equilibrium tests for coordination.
	Demonstrate exercises with shoulder wheel, pulleys, Swiss ball, hand dynamometer etc.
	Test and measure inspiration and expiration of chest with inch tape and practice postural drainage and breathing exercise.
	Perform practice to make muscle flexible.
Plan and execute PNF techniques and MMT.	
19. Develop remedial measures for back pain and abnormal gait. (NOS:HSS/N9446)	Prepare a chart of relaxation techniques with its therapeutic indications.
	Recognize traction table.

	Demonstrate testing of traction for cervical and lumbar region.
	Perform various methods of traction e.g manual traction, static, intermittent, mechanical, positioning traction etc.
	Presentation of calculation of body weight to be used for traction.
	Demonstrate normal and abnormal gait patterns.
	Perform gait patterns with walking aids for weight and non- weight bearing.
	Demonstrate assistance provided by therapist to patient during mobility.
20. Prepare assessment chart and rehabilitation protocol. (NOS:HSS/N9447)	Demonstrate personal history of a patient.
	Apply clinical reasoning through the process of assessment, problem identification and treatment planning.
	Use the observations, examinations and medical history to evaluate the patient's condition and needs.
	Prepare an assessment chart for orthopaedic, neurological and cardio pulmonary conditions.
	Make a differential diagnosis with relevant tests.
	Make a provisional diagnosis.
	Plan and prepare intervention program for various conditions.
	Understand the rule of nine of burn.
	Memorize the classification of obesity with BMI calculation.
	Plan exercises for gynaecological conditions and bring them into practice.

	Evaluate a patient's home or workplace activities and identify how it can be better suited to the patient's health needs.

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LEARNING OUTCOMES (CORE SKILL)	
EMPLOYABILITY SKILLS	
LEARNING OUTCOME	ASSESSMENT CRITERIA
1. Introduction to Employability Skills	1. Identify employability skills required for jobs in various industries
	2. identify and explore learning and employability portals
2. Constitutional values - Citizenship Duration	3. recognize the significance of constitutional values, civic rights, and duties as a citizen
	4. follow environmentally sustainable practices
3. Becoming a Professional in the 21st Century	5. use 21st Century Skills (Self-Awareness, Behavior Skills, Positive attitude, self -motivation, problem solving, time management etc.)
	6. find ways to acquire new skills through continuous learning
4. Basic English Skills	7. use basic English in everyday conversation using appropriate greetings, opening, and closing statements
	8. Read and write messages, notes, mails, letters etc. in basic English
5. Career Development & Goal Setting	9. understand the difference between job and career
	10. prepare a career development plan with short- and long-term goals, based on aptitude
6. Communication Skills	11. follow verbal and non-verbal communication etiquette in various settings
	12. work collaboratively with others in a team
7. Diversity and Inclusion	13. communicate and behave appropriately with all genders and PwD
	14. escalate any issues related to sexual harassment at workplace according to POSH Act
8. Financial and Legal Literacy	15. select financial products and services as per requirement
	16. carry out offline and online financial transactions, safely and securely
	17. identify common components of salary

	18. identify relevant rights and laws and use legal aids to fight against legal exploitation
9. Essential Digital Skills	19. operate digital devices and carry out basic internet operations securely and safely
	20. use e- mail and social media platforms
	21. use basic features of word processor, spreadsheets, and presentations
10. Entrepreneurship	22. identify and assess opportunities for potential business
	23. develop a business plan and identify funding sources, potential financial and legal hurdles
11. Customer Service	24. identify different types of customers
	25. identify and respond to customer requests and needs in a professional manner
12. Getting ready for apprenticeship & Jobs	26. create a professional Curriculum vitae (Résumé)
	27. search for suitable jobs and apply using offline /online methods as per requirement
	28. follow hygiene and grooming standards and be confident during interview
	29. identify apprenticeship opportunities and register for it as per guidelines and requirements

NSQF

SECTION 2

25. EVIDENCE OF LEVEL

OPTION A

Title/Name of qualification/component: Physiotherapy Technician			Level: 3
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relate to the NSQF level descriptors	NSQF Level
Process	<p>Work in familiar, predictable, routine, situation of clear choice.</p> <ul style="list-style-type: none"> Operate using suitable tools and equipment with basic outline of physiotherapy and develop a vocabulary of appropriate terminology following safety precautions. Analyze and assemble the components of skeleton system. Analyze the joints by using X-Ray films. Design a treatment plan for stiff parts of body. 	<p>The learner is expected to operate suitable tools and equipment related to physiotherapy, analyze and assemble the components of skeleton system, analyze the joints using X-Ray films and design the treatment plan for stiff parts of body.</p> <p>Such job requires limited range of activities & is carried out on routine basis by the learner; also the learner has to apply ones knowledge and work as per requirements and resources available.</p> <p>Hence NSQF Level is 3 for this descriptor.</p>	3
Professional knowledge	<p>Factual knowledge of field of knowledge or study</p>	<p>The learner possesses the factual knowledge of physiotherapy, electrotherapy, exercise-therapy, massage-therapy etc based on the anatomical</p>	3

Title/Name of qualification/component: Physiotherapy Technician			Level: 3
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relate to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> ● Definition of Physiotherapy, terms of Physiotherapy: Electrotherapy, Exercise-therapy, Massage-Therapy, Ergonomics, Rehabilitation. ● Anatomical regions, section and planes. The descriptive anatomical terms. ● Methods of Cryotherapy. ● Therapeutic uses of Massage. ● Classification of exercise- active, passive, resistive, isometric, functional, stretching, isokinetic, closed-chain, open-chain etc. 	<p>regions, sections and planes.</p> <p>The learner possesses the factual knowledge required in this trade of employment.</p> <p>Hence NSQF Level is 3 for this descriptor.</p>	
Professional skill	<ul style="list-style-type: none"> ● Differentiate various muscles. ● Recognize basic cell structure and its organelles. ● Identify the major neural tissues. ● Relate the anatomical position of circulatory system on mannequin. ● Categorize foods according to nutrients and assemble organs of digestive system. 	<p>After the training, the learner is able to differentiate various muscles of the human body, relates the anatomical position of circulatory system while developing the physiotherapy regimen for stiff parts of the patient`s body. The learner applies the practical skills to perform the required tasks in this trade. These are routine type and repetitive in narrow range of application using appropriate rule and tools, using quality concepts.</p>	3

Title/Name of qualification/component: Physiotherapy Technician			Level: 3
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relate to the NSQF level descriptors	NSQF Level
		Hence NSQF Level is 3 for this descriptor.	
Core skill	<p>Basic Mathematical and Algebraic principles</p> <ul style="list-style-type: none"> Apply the concept in productivity & quality management in day to day work to improve productivity & quality. <p>Basic understanding of social political and natural environment</p> <ul style="list-style-type: none"> Explain personnel finance, entrepreneurship and manage/organize related task in day to day work for personal & societal growth. <p>Language to communicate written or oral, with required clarity</p> <ul style="list-style-type: none"> Interpret & use formal and technical communication. List and interpret various acts of labour welfare legislation. 	<p>The learner applies basic mathematical and algebraic principles for doing his/her day to day work to improve productivity & quality.</p> <p>The learner is able to communicate orally & in written using simple English language and has strong listening skills. Works as a team player and able to explain technical terms with required clarity. The learner performs the job complying environment regulation and housekeeping by applying safe working practices. Maintains energy conservation, prevents global warming & pollution by optimally using available resources in day to day work.</p> <p>Hence NSQF Level is 3 for this descriptor.</p>	3
Responsibility	<ul style="list-style-type: none"> Execute remedial effects of cryotherapy. Enumerate the benefits of SWD. Test and lay out therapeutic uses of UST. 	The learner is able to able to execute remedial effects of cryotherapy, plans a regimen to	3

Title/Name of qualification/component: Physiotherapy Technician			Level: 3
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relate to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> Plan a regimen to stimulate muscles. Asses and create a massage therapy. Carry out physiotherapy assessment and develop exercise regimen. Develop remedial measures for back pain and abnormal gaits. Prepare assessment chart and rehabilitation protocol. 	<p>stimulate muscles, assesses and creates a massage therapy. The learner is responsible for their own work within defined limit and specification. The learner is responsible for his own work and learning for developing exercise regimen, designs remedy for back pain and abnormal gait and prepares assessment chart & rehabilitation protocol.</p> <p>Hence NSQF Level is 3 for this descriptor.</p>	

SECTION 3**EVIDENCE OF NEED**

26	<p>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?</p> <table border="1"> <thead> <tr> <th data-bbox="357 600 643 741">Basis</th> <th data-bbox="643 600 1401 741">In case of other Awarding Bodies (Institutes under Central Ministries and states departments)</th> </tr> </thead> <tbody> <tr> <td data-bbox="357 741 643 1122">Need of the qualification</td> <td data-bbox="643 741 1401 1122">Healthcare 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 labour 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="357 1122 643 1547">Industry Relevance</td> <td data-bbox="643 1122 1401 1547">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="357 1547 643 1675">Usage of the qualification</td> <td data-bbox="643 1547 1401 1675">The Proposed qualification will create skilled Technician for various establishments in different Sectors.</td> </tr> <tr> <td data-bbox="357 1675 643 1742">Estimated uptake</td> <td data-bbox="643 1675 1401 1742">The present seating capacity is 3318.</td> </tr> </tbody> </table>	Basis	In case of other Awarding Bodies (Institutes under Central Ministries and states departments)	Need of the qualification	Healthcare 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 labour 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 Technician for various establishments in different Sectors.	Estimated uptake	The present seating capacity is 3318.
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27	<p>Recommendation from the concerned Line Ministry of the Government/Regulatory Body. To be supported by documentary evidences.</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>										

<p>28</p>	<p>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</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>
<p>29</p>	<p>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.</p> <ul style="list-style-type: none"> • The research wing of CSTARI & DGT reviews and updates the qualification, in consultation with industries and other stakeholders, on a regular basis by conducting trade committee meetings. • DGT will monitor any duplicity by comparing existing qualifications with upcoming ones in the National Qualifications Register (NQR) and relevant sectors.

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[Physiotherapy Technician] --> B[Senior Physiotherapy Technician]
      B --> C[Supervisor]
      C --> D[Physiotherapist]
      B --> E[Entrepreneur]
  
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