

Model Curriculum

Panchakarma Technician

SECTOR: Healthcare
SUB-SECTOR: AYUSH
OCCUPATION: Ayurveda Therapy
REF ID: HSS/Q3601, v1.0
NSQF LEVEL: 4



Certificate

CURRICULUM COMPLIANCE TO QUALIFICATION PACK – NATIONAL OCCUPATIONAL STANDARDS

is hereby issued by the

HEALTHCARE SECTOR SKILL COUNCIL

for the

MODEL CURRICULUM

Complying to National Occupational Standards of
Job Role/ Qualification Pack: 'Panchakarma Technician'
QP No. 'HSS/Q 3601 NSQF Level 4'

Date of Issuance: 29th May 2019

Valid up to: 29th May 2022

* Valid up to the next review date of the Qualification Pack



Authorised Signatory
(Healthcare Sector Skill Council)

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PANCHAKARMA TECHNICIAN

CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a “Panchakarma Technician”, in the “Healthcare” Sector/Industry and aims at building the following key competencies amongst the learners

Program Name	Panchakarma Technician		
Qualification Pack Name & Reference ID. ID	HSS/Q3601, version 1.0		
Version No.	1.0	Version Update Date	16/07/2019
Pre-requisites to Training	12th Standard		
Training Outcomes	<p>After completing this programme, participants will be able to:</p> <ul style="list-style-type: none"> • Apply basic concepts and fundamental principles related to panchakarma. • Assist the therapist/doctor and other related professionals during the procedure. • Interpret prescription efficiently and carry out panchakarma procedures competently. • Explain the use of different herbs and formulations related to panchakarma. • Discuss indications, contraindications, and precautions in diet related to panchakarma. • Carry out maintenance of the panchakarma unit • Carry out routine patient care tasks during the panchakarma procedure. • Check the vital parameters to assess the physical state of patient 		

This course encompasses 5 out of 5 National Occupational Standards (NOS) of “Panchakarma Technician” Qualification Pack issued by “Healthcare Sector Skill Council”.

Sr. No.	Module	Key Learning Outcomes	Equipment Required
1	<p>Introduction: Panchakarma technicians and their key functions</p> <p>Theory Duration (hh:mm) 10:00</p> <p>Practical Duration (hh:mm) 20:00</p> <p>Corresponding NOS Code HSS/N3601</p>	<ul style="list-style-type: none"> Describe the roles and responsibilities of panchakarma technician Explain about the different instruments and equipment's required to prepare the panchakarma unit Demonstrate documentation and maintain proper registers related to panchakarma procedures Discuss about the importance of medicaments used in panchakarma and its safe use. Discuss about the quality control and quality assurance at panchakarma unit Discuss about the correct method of handling various articles and medicaments in panchakarma unit Discuss about do's and don'ts related to functions of panchakarma technician 	
2	<p>Basics of human anatomy and physiology</p> <p>Theory duration (hh:mm) 40:00</p> <p>Practical Duration (hh:mm) 05:00</p> <p>Corresponding NOS Code HSS/N3602</p>	<ul style="list-style-type: none"> Explain about the anatomy of cells, tissues, systems, membranes and glands of human body Describe the anatomy and physiology of the musculo-skeletal system Describe the anatomy and physiology of the digestive system Describe the anatomy and physiology of the respiratory system Describe the anatomy and physiology of the cardiovascular system Describe the anatomy and physiology of the excretory system Describe anatomy and physiology of the endocrine system, sense organs and reproductive system Describe the physiology of blood and its components 	3D models of human body and accessory organs, e-modules
3	<p>Basic concept and fundamental principles of Ayurveda</p> <p>Theory Duration (hh:mm) 50:00</p> <p>Practical Duration (hh:mm) 65:00</p>	<ul style="list-style-type: none"> Explain the concept of Ayurveda Discuss in brief the concept of mind, body and soul Explain the importance of panchakarma therapy Explain the importance of <i>Deepana dravya</i> and <i>Pachana</i> helps in the treatment of indigestion or indigested food Explain the concept of <i>Tridosha</i>, <i>Sapta</i>, <i>Dhatu</i> (body elements), <i>Mala</i> (waste products), <i>Koshta</i> (alimentary tract) 	Charts and e-modules

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	<p>Corresponding NOS Code HSS/N3602</p>	<ul style="list-style-type: none"> • Explain the concept of <i>Prakruti</i> (body constitution) • Explain the concepts of <i>Daraniya</i> (non-suppressive urges) and <i>Aadharaniyavegas</i> (suppressive urges) • Discuss the concept of <i>Srotas</i> (body channels) • Explain the concept of <i>Ama</i> and <i>Agni</i> • Explain the importance and application of ayurvedic therapies “<i>Shadupakramas</i> (<i>Brimhana, Langhana, Svedana, Stambhana, Rukshna, Senhana</i>), <i>Rasayana, Vajikarana, Samsamana, Samsodhana, Pathya - Apathya</i>” • Explain the concept of ayurvedic pharmacology knowledge of <i>Rasa, Guna, Karma, Virya, Vipaka</i> and <i>Prabhava</i> of <i>Dravya</i> • Explain about the different oils use in medicinal therapy 	
4	<p>Carry out panchakarma therapy</p> <p>Theory Duration (hh:mm) 60:00</p> <p>Practical Duration (hh:mm) 70:00</p> <p>Corresponding NOS Code HSS/N3602</p>	<ul style="list-style-type: none"> • Explain the pre procedure compliances of therapy including Right Patient, Right Dose, Right Drug, Right Route, Right Time, Right Documentation, Right to Know and Right to Refuse • Demonstrate various patient positioning used to conduct different therapies • Measure the vital parameters of patient to assess general state before conducting procedure • Demonstrate standard procedure for medicament dosage calculation • Explain about the standard operating procedures for <i>Snehana Karma</i> (oleation treatment) • Demonstrate the different types of massages • Demonstrate the types of procedures such as <i>Shirodhara, Shirobasti, Shirobhyanga, Padabhyanga, Udwartana, Udgharshana, Mardana, Samvahana, SiroPichu</i> and <i>Sthanik Pichu, Lepa, Kavalaand, Gandoosha</i> (gargling) • Explain about standard operating procedures for <i>Sweda Karma</i> (fomentation) and its benefits • Demonstrate the <i>Tapa Sweda</i> (fomentation), <i>Upanaha Sweda</i> (poultice), <i>Ushma Sweda</i> (herbal steam and Bolus bags) • Organize work and prioritize the activities as per the instructions of the therapist/ doctor • Assist the patient in home visits also • Explain about do's and don'ts related to each therapy 	e-modules and demonstrative videos

Sr. No.	Module	Key Learning Outcomes	Equipment Required
16	<p>Basic Computer Knowledge</p> <p>Theory Duration (hh:mm) 10:00</p> <p>Practical Duration (hh:mm) 20:00</p> <p>Corresponding NOS Code Bridge Module</p>	<ul style="list-style-type: none"> Discuss the application of computers Explain the concepts of computers including block diagram, input and output devices and storage devices. Discuss the latest version of software such as Window 10, its utilities and basic operations Microsoft office 2000 – MS Word, MS Excel, PowerPoint Presentation 	Computer with internet facility and latest MS Office
17	<p>Reporting and Documentation</p> <p>Theory Duration (hh:mm) 10:00</p> <p>Practical Duration (hh:mm) 15:00</p> <p>Corresponding NOS Code Bridge Module</p>	<ul style="list-style-type: none"> Define the scope of practice for panchakarma technician in reporting and documentation Define and discuss the method of reporting matrix Explain the importance of maintaining various records Explain the various types of records to be maintained by the panchakarma technician Demonstrate essential components of various records and the method of their documentation and retrieval 	Sample formats of reports and hospital documents
18	<p>Personal Hygiene</p> <p>Theory Duration (hh:mm) 10:00</p> <p>Practical Duration (hh:mm) 20:00</p> <p>Corresponding NOS Code Bridge Module</p>	<ul style="list-style-type: none"> Explain the concept of healthy living. Demonstrate the procedures of hand hygiene to prevent cross infection including effective hand washing to include; social and clinical techniques Demonstrate the techniques of proper usage of PPE Explain the importance of PPE Explain various vaccinations against common infectious diseases. 	PPE, vaccination kits, latest hand hygiene protocols
	<p>Total Duration</p> <p>Theory Duration (hh:mm) 400: 00</p> <p>Practical Duration (hh:mm) 600: 00</p>	<p>Unique equipment required:</p> <p>3D models of human body and accessory organs, e-modules and demonstrative videos, computer-aided learning modules, rubber and latex gloves and apron, modules of soft skills, different types of cleaning instruments and cleaning agents, standard guidelines of cleaning the equipment, inventory registers, sample inventory lists, inventory separators, case studies portraying effective networking amongst the team members, first-aid kit, colour coding diagrams, infection control protocols, Personal Protective Equipment, videos on safety, current guidelines on</p>	

Trainer Prerequisites for Job role: “Panchakarma Technician” mapped to Qualification Pack: “HSS/Q3601, v1.0”

Sr. No.	Area	Details
1	Description	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack “HSS/Q3601”.
2	Personal Attributes	Aptitude for conducting training, and pre/ post work to ensure competent, employable candidates at the end of the training. Strong communication skills, interpersonal skills, ability to work as part of a team; a passion for quality and for developing others; well-organised and focused, eager to learn and keep oneself updated with the latest in the mentioned field.
3	Minimum Educational Qualifications	<ul style="list-style-type: none"> • M.D. degree in Panchakarma/ <i>Kayachikista</i> or • B.A.M.S. with 5 years of clinical experience in Panchakarma
4a	Domain Certification	Certified for Job Role: “Panchakarma Technician” mapped to QP: “HSS/Q3601”, version 1.0 with scoring of minimum 80%.
4b	Platform Certification	Recommended that the Trainer is certified for the Job Role: “Trainer”, mapped to the Qualification Pack: “MEP/Q2601” with scoring of minimum 80%.
5	Experience	<ul style="list-style-type: none"> • M.D. degree in Panchakarma/ <i>Kayachikista</i> or • B.A.M.S. with 5 years of clinical experience in Panchakarma

Annexure: Assessment Criteria

<u>Criteria for Assessment of Trainees</u>
<u>Job Role:</u> Panchakarma Technician
<u>Qualifications Pack:</u> HSS/Q3601
<u>Sector Skill Council:</u> Healthcare Sector Skill Council
<p><u>Guidelines for Assessment:</u></p> <ol style="list-style-type: none"> 1. Criteria for assessment for each Qualifications Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC. 2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC. 3. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below.) 4. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/ training center based on these criteria. 5. To pass the Qualifications Pack, every trainee should score a minimum of 70% in every NOS. 6. In case of successfully passing only certain number of NOSs, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualifications Pack. 7. In case of <i>unsuccessful completion</i>, the trainee may seek reassessment on the Qualifications Pack.

(For Assessment Criteria please refer the QP-NOS PDF)