



Model Curriculum

QP Name: Panchakarma Technician

QP Code: HSS/Q3601

QP Version: 3.0

NSQF Level: 4

Model Curriculum Version: 1.0

Healthcare Sector Skill Council | | Healthcare Sector Skill Council, 520, DLF Tower A, 5th Floor, Jasola District Centre, New Delhi – 110025

Table of Contents

Training Parameters.....	3
Program Overview	4
Training Outcomes.....	4
Compulsory Modules.....	4
Module Details.....	7
Module 1: Soft Skills and Communication	7
Module 2: Basic Computer Knowledge.....	8
Module3: Reporting and Documentation	9
Module 4: Personal Hygiene	9
Module 5: Maintain Professional and Medico legal Conduct	10
Module 6: Introduction to Panchakarma Technician and its Key Functions.....	11
Module 7: Basic Concept and Fundamental principles of Ayurveda	13
Module 8: Basics of human anatomy and physiology	16
Module 9: Carry out panchakarma therapy.....	17
Module 10: Major procedures of panchakarma.....	18
Module 11: Ayurvedic Diet (Ahara) and concept related to panchakarma.....	19
Module 12: Maintain interpersonal relationship with colleagues and others.....	19
Module 13: Provide support to the patient throughout the therapy session.....	20
Module 14: Post Therapy Compliance	21
Module 15: Inventory control	21
Module 16: Maintain a safe, healthy and secure environment	24
Module 17: Infection Control policies and procedures	25
Module 18: Bio Medical Waste Management.....	26
Module 19: DGT/VSQ/N0102 : Employability Skills (60 Hours)	18
Annexure.....	20
Trainer Requirements	21
Assessor Requirements.....	22
Assessment Strategy	23
References	25
Glossary.....	25
Acronyms and Abbreviations	26

Training Parameters

Sector	Healthcare
Sub-Sector	AYUSH
Occupation	Ayurveda Therapy
Country	India
NSQF Level	4
Aligned to NCO/ISCO/ISIC Code	NCO-2015/2230
Minimum Educational Qualification And Experience	12th Grade Pass or Completed 2nd year of the 3-year regular diploma after 10th Or 10th Grade Pass with 2 years relevant experience Or 11th Grade pass with 1-year relevant experience or Previous relevant Qualification of NSQF Level 3.5 and with 1.5-year relevant experience Or Previous relevant qualification of NSQF Level 3 with 3 years of relevant experience
Pre-Requisite License or Training	Not Applicable
Minimum Job Entry Age	18 Years
Last Reviewed On	28/07/2022
Next Review Date	28/07/2025
NSQC Approval Date	28/07/2022
QP Version	3.0
Model Curriculum Creation Date	28/07/2022
Model Curriculum Valid Up to Date	28/07/2025
Model Curriculum Version	
Minimum Duration of the Course	1470 Hrs.
Maximum Duration of the Course	1470 Hrs.

Program Overview

This section summarizes the end objectives of the program along with its duration.

Training Outcomes

At the end of the program, the learner should have acquired the listed knowledge and skills.

- Explain the role and responsibilities of a Panchakarma Technician
- 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
- Apply infection control measures and dispose biomedical waste according to the standard protocols
- Promote safety and apply usage of personal protective equipment

Compulsory Modules

The table lists the modules and their duration corresponding to the Compulsory NOS of the QP.

NOS and Module Details	Theory Duration	Practical Duration	On-the-Job Training Duration (Mandatory)	On-the-Job Training Duration (Recommended)	Total Duration
Bridge Modules	50:00	85:00	00:00	00:00	135:00
Module 1: Soft Skills and Communication	15:00	10:00	00:00	00:00	
Module 2: Basic computer knowledge	10:00	20:00	00:00	00:00	
Module 3: Reporting and documentation	10:00	15:00	00:00	00:00	
Module 4: Personal Hygiene	10:00	20:00	00:00	00:00	
Module 5: Maintain Professional and Medico Legal Conduct	05:00	20:00	00:00	00:00	

HSS/N3601: Prepare for panchakarma therapy session	20:00	25:00	30:00	00:00	75:00
Module 6: Introduction to panchakarma technician and its key functions	05:00	10:00	00:00	00:00	
Module 7: Basic concept and fundamental principles of Ayurveda	15:00	15:00	00:00	00:00	
HSS/N3602: Provide panchakarma therapy as per guidance/prescription	205:00	275:00	210:00	00:00	690:00
Module 8: Basics of human anatomy and physiology	30:00	20:00	00:00	00:00	
Module 9: Carry out panchakarma therapy	80:00	90:00	00:00	00:00	
Module 10: Major procedures of panchakarma	60:00	90:00	00:00	00:00	
Module 11: Ayurvedic diet (Ahara) and concepts related to panchakarma	25:00	65:00	00:00	00:00	
Module 12: Maintain interpersonal relationship with colleagues and others	10:00	10:00	00:00	00:00	
HSS/N3603: Carry out post panchakarma therapy procedures	90:00	150:00	150:00	00:00	390:00
Module 13: Provide support to the patient throughout the therapy session	40:00	50:00	00:00	00:00	
Module 14: Post therapy compliances	30:00	55:00	00:00	00:00	
Module 15: Inventory Control	20:00	45:00	00:00	00:00	
HSS/N9617: Maintain a safe, healthy and secure environment	10:00	20:00	15:00	00:00	45:00
Module 16: Maintain a safe, healthy and secure environment	10:00	20:00	00:00	00:00	
HSS/N9618: Follow infection control policies & procedures including biomedical waste disposal protocols	15:00	45:00	15:00	00:00	75:00
Module 17: Infection control policies and procedures	10:00	25:00	00:00	00:00	
Module 18: Bio Medical Waste management	05:00	20:00	00:00	00:00	
Total	390:00	600:00	420:00	00:00	1410:00

Module 19: Employability Skills (60 Hours): DGT/VSQ/N0102	60:00	00:00	00:00	00:00	
Total	450:00	600:00	420:00	00:00	1470:00

Module Details

Module 1: Soft skills and communication

Mapped to: Bridge Module,

Terminal Outcomes:

- Communicate effectively with co-workers.
- Organize and prioritize work to complete assignments on time.
- Adhere to organizational code of conduct while handling conflicts.

Duration: 15:00	Duration: 10:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Explain the significance of effective communication • Explain the use of effective communication with patients and family without using jargons and colloquial terms • Discuss the principles of effective communication skills with colleagues using appropriate terminology in communication • Discuss the principles of basic reading and writing skills • Discuss the principles of goal setting and time management • Describe the principles of team building and teamwork • Explain the significance of thinking, reasoning and communicating with others • Explain the principles of problem solving and decision-making skills • Describe the need for customer service and service excellence in medical service • Explain work ethics in hospital set up • Discuss the process of objection handling. • Discuss planning and organization of work. 	<ul style="list-style-type: none"> • Demonstrate the usage of technical terms to ensure effective communication. • Apply time management skills • Demonstrate the use of reading and writingskills in written communication. • Demonstrate problem solving and decision-making skills in different situations. • Demonstrate skills of team- work and workprioritization in different team activities. • Demonstrate basic telephone and email etiquettes. • Prepare reports using the information gathered from observation, experience, reasoning, or communication.
-Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, White-Board/Smart Board, Marker, Duster	
Tools, Equipment and Other Requirements	
Document and guidelines with detailed role description and limitations	

Module 2: Basic computer knowledge

Mapped to: Bridge Module,

Terminal Outcomes:

- Demonstrate the use of computers and internet operations.
- Apply basic computer knowledge in performing various activities

Duration: 10:00	Duration: 20:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Discuss the application of computers. • Differentiate between the hardware and software. • Differentiate between the input and output devices. 	<ul style="list-style-type: none"> • Demonstrate the use of browser functions to surf on the Internet, send emails.
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, White-Board/Smart Board, Marker, Duster, AV Aids for Understanding Human Body Structure and Function	
Tools, Equipment and Other Requirements	
Computer, keyboard, mouse, CPU, printer etc	

Module 3: Reporting and Documentation

Mapped to: Bridge Module,

Terminal Outcomes:

- Demonstrate technical skills of Storage and retention and retrieval of database and records.
- Maintain confidentiality of records

Duration: 10:00	Duration: 15:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<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 • Explain essential components of various records and the method of their documentation and retrieval • Explain abbreviations and symbols. 	<ul style="list-style-type: none"> • Enter data in various forms and format according to the standard guidelines. • Create a sample set of documents to record procedure related information of client. • Demonstrate how to compile all the relevant information in sample formats necessary to create the database of client. • Demonstrate the use of Hospital Information System (HIS) to prepare a • sample record on client dietetic information.
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Duster.	
Tools, Equipment and Other Requirements	
Sample formats of reports and hospital documents, various forms of consent	

Module 4: Personal Hygiene

Mapped to: Bridge Module,

Terminal Outcomes:

- Demonstrate technical skills of Hand Hygiene.
- Donning and Doffing of PPE

Duration: 10:00	Duration: 20:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<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 	<ul style="list-style-type: none"> • Demonstrate the steps of spill management. • Demonstrate the procedures of hand hygiene. • Demonstrate the process of donning and doffing of PPE
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Duster.	
Tools, Equipment and Other Requirements	
Sample formats of reports and hospital documents, various forms of consent	

Module 5: Maintain professional and medico-legal conduct

Mapped to: Bridge Module,

Terminal Outcomes:

- Apply code of conduct and demonstrate best practices

Duration: 05:00	Duration: 20:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Apply rules and policies of organization • Apply code of conduct and demonstrate best practices • Explain the importance of carrying out one's duties and responsibilities and effects of non compliance • Maintain relationship with other departments and seek support if required • Reduce risks associated with quality and safety measures 	<ul style="list-style-type: none"> • Demonstrate the method of maintaining collaborative relationships with co-workers at workplace through a role play.
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Duster.	
Tools, Equipment and Other Requirements	
Sample casestudies	

Module 6: Introduction: Panchakarma Technician and their key functions Mapped to: HSS/N3601

Terminal Outcomes:

- Describe the key roles and responsibilities of a Panchakarma Technician

Duration: 05:00	Duration: 10:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<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 	<ul style="list-style-type: none"> Prepare a chart depicting roles and responsibilities of a panchakarma technician.
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, White-Board/Smart Board, Marker, Duster	
Tools, Equipment and Other Requirements	
3D models of human body and accessory organs, model human skeletal system, organ specimen, medical equipments like Sphygmomanometer, Thermometer, weighing machine, stethoscope, ECG etc	

Module 7: Basic concept and fundamental principles of Ayurveda

Mapped to: HSS/N3601

Terminal Outcomes:

- Demonstrate the correct techniques of ayurvedic therapies.
- Demonstrate the correct technique of using ayurvedic oils and massage.

Duration: 15:00	Duration: 15:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<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>Koshtha</i> (alimentary tract) • 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 (Brimhana, Langhana, Svedana, Stambhana, Rukshna, Senhana), 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 	<ul style="list-style-type: none"> • Demonstrate the correct techniques of ayurvedic therapies “<i>Shadupakramas (Brimhana, Langhana, Svedana, Stambhana, Rukshna, Senhana), Rasayana, Vajikarana, Samsamana, Samsodhana, Pathya – Apathya</i>” • Demonstrate the correct technique of therapy <i>Rasa, Guna, Karma, Virya, Vipaka</i> and <i>Prabhava</i> of <i>Dravya</i> • <i>Demonstrate the correct technique of using different oils and massage.</i>
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, White-Board/Smart Board, Marker, Duster,	
Tools, Equipment and Other Requirements	
Oils	

Module 8: Basics of human anatomy and physiology

Mapped to: HSS/N3602

Terminal Outcomes:

- Describe basic structure and function of the human body.

Duration: 30:00	Duration: 20:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<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 	<ul style="list-style-type: none"> • Identify various body parts/organs using 3D models of human organ system. • Design various working models depicting functioning of each human body system.
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, White-Board/Smart Board, Marker, Duster.	
Tools, Equipment and Other Requirements	
3Dmodels of human body and accessory organs, model human skeletal system, organ specimen	

Module 9: Carry out panchakarma therapy

Mapped to: HSS/N3602

Terminal Outcomes:

- Demonstrate the different types of massages.
- Demonstrate the types of procedures such as *Shirodhara*, *Shirobasti*, *Shirobhyanga*, *Padabhyanga*, *Udwartana*, *Udgharshana*, *Mardana*, *Samvahana*, *SiroPichu* and *Sthanik Pichu*, *Lepa*, *Kavalaand*, *Gandoosha*(gargling)
- Demonstrate standard procedure for medicaments formulations

Duration: 80:00	Duration: 90:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<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 • Measure the vital parameters of patient to assess general state before conducting procedure • Explain about the standard operating procedures for <i>Snehana Karma</i> (oleation treatment) • Explain about standard operating procedures for <i>Sweda Karma</i> (fomentation) and its benefits • 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 • Explain about do's and don'ts while preparing the medicaments • Discuss about various side effects that arise due to incorrect calculation of dosage and its composition • Discuss about the plant, animal and mineral origin drugs and compound formulations. 	<ul style="list-style-type: none"> • Demonstrate various patient positioning used to conduct different therapies • Demonstrate standard procedure for medicament dosage calculation • Demonstrate the different types of massages • Demonstrate the types of procedures such as <i>Shirodhara</i>, <i>Shirobasti</i>, <i>Shirobhyanga</i>, <i>Padabhyanga</i>, <i>Udwartana</i>, <i>Udgharshana</i>, <i>Mardana</i>, <i>Samvahana</i>, <i>SiroPichu</i> and <i>Sthanik Pichu</i>, <i>Lepa</i>, <i>Kavalaand</i>, <i>Gandoosha</i> (gargling) • Demonstrate the <i>Tapa Sweda</i> (fomentation), <i>Upanaha Sweda</i> (poultice), <i>Ushma Sweda</i> (herbal steam and Bolus bags) • Demonstrate standard procedure for medicaments formulations • Demonstrate the standard procedure for primary and Secondary preparations of medicament and their uses
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, White-Board/Smart Board, Marker, Duster	
Tools, Equipment and Other Requirements	
Hygiene trays, Nail care tray, hair care tray, oral care tray, eye care tray, linen, patient clothes, towel, face towel, gloves, basins, water, etc	

Module 10: Major procedures of panchakarma

Mapped to: HSS/N3602

Terminal Outcomes:

- Explain about the pharmacodynamics, indications, contraindications of various panchakarma procedures
- Explain about the concepts of *Samyak Yoga, Ati Yoga* and *Ayoga, Lakshanas*

Duration: 60:00	Duration: 90:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Explain about the pharmacodynamics, indications, contraindications of various panchakarma procedures such as <i>Vamana Karma</i> (therapeutic emesis), <i>Virechana Karma</i> (purgation), <i>Basti Karma</i> (enema), <i>Nasya Karma</i> (nasal administration of oils and herbal derivatives), <i>Rakta Mokshana</i> (therapeutic bloodletting) • Explain about the concepts of <i>Samyak Yoga, Ati Yoga</i> and <i>Ayoga, Lakshanas</i> • Discuss about the <i>Vyapads</i> (complications) in <i>Vamana, Virechana, Nasya, Basti</i> and <i>Raktamokshana</i> 	<ul style="list-style-type: none"> • Demonstrate the correct technique of <i>Samyak Yoga, Ati Yoga</i> and <i>Ayoga, Lakshanas</i>. • Prepare a sample report of a patient on, indications, contraindications of various panchakarma procedures such as <i>Vamana Karma</i> (therapeutic emesis), <i>Virechana Karma</i> (purgation), <i>Basti Karma</i> (enema), <i>Nasya Karma</i> (nasal administration of oils and herbal derivatives), <i>Rakta Mokshana</i> (therapeutic bloodletting)
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, White-Board/Smart Board, Marker, Duster, B	
Tools, Equipment and Other Requirements	

Module 11: Ayurvedic diet (Ahara) and concepts related to panchakarma

Mapped to: HSS/N3602

Terminal Outcomes:

- Demonstrate the method of preparing *Swarasa, Kalka, Kwath, Hima, Phanta, Tandulodaka, Mantha, Avaleha, Dhanyamla, Kshirapaka, Panaka, Mamsarasa, Lepa*.

Duration: 25:00	Duration: 65:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Discuss the importance of <i>Ahara</i> in healthand disorders • Explain the importance of <i>Hita Avam Ahita Ahara</i> based on <i>Doshika Prakriti</i> • Explain about <i>Ritucharya Avam Ahara</i> and itspreparation • Explain about <i>Dinacharya Avam Ahara</i> andits preparation • Explain about the importance of <i>Anupama</i> with respect to panchakarma • Discuss the concept of <i>Peyadi, TarpanadiKrama</i> and its preparation • Explain the preparation of <i>Swarasa, Kalka, Kwath, Hima, Phanta, Tandulodaka, Mantha, Avaleha, Dhanyamla, Kshirapaka, Panaka, Mamsarasa, Lepa</i> • Explain about the importance of diet according to panchakarma procedure 	<ul style="list-style-type: none"> • Demonstrate the method of preparing <i>Swarasa, Kalka, Kwath, Hima, Phanta, Tandulodaka, Mantha, Avaleha, Dhanyamla, Kshirapaka, Panaka, Mamsarasa, Lepa</i>
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Duster.	
Tools, Equipment and Other Requirements	
Bed pan, Urinal, gloves, Adult diaper, draw sheet, under pads, dustbin, urobag, etc	

Module 12: Maintain interpersonal relationship with colleagues and others

Mapped to: HSS/N3602

Terminal Outcomes:

- Discuss the importance of maintaining professional relationships with co-workers and client in the organization.

Duration: 10:00	Duration: 10:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Describe the importance of maintaining professional and therapeutic relationship. • Discuss the importance of effective communication amongst colleagues and others. • Discuss the concept of teamwork and group dynamics. 	<ul style="list-style-type: none"> • Demonstrate client centric approach through a role play. • Demonstrate the process of maintaining confidentiality of client's information through a role-play. • Create a sample questionnaire for handling queries of clients and other related team members. • Demonstrate the method of maintaining collaborative relationships with co-workers at workplace through a role play.
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Duster.	
Tools, Equipment and Other Requirements	
Case studies portraying effective networking amongst the team members	

Module 13: Provide support to the patient throughout the therapy session

Mapped to: HSS/N3603,

Terminal Outcomes:

- Explain do's and don'ts to patients during therapy.
- Maintain records and reports of patient

Duration: 40:00	Duration: 50:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Plan suitable time of appointment to the individual in consultation with therapist/doctor or concerned authority • Identify limitations or comfort areas of patient based on preferences considering factors such as gender, religion, culture, language, etc • Explain do's and don'ts to patients during therapy as per orders from a therapist/doctor with respect to a specific therapy • Maintain records of grievances and escalate to the concerned authority as per organizational policies and procedures • Identify the needs of the individual post therapy sessions and record it as per organizational policies • Explain the importance of taking and recording feedback from patients post therapy as per organizational process 	<ul style="list-style-type: none"> • Prepare a sample report on grievance escalation and report to higher authority. • Practice a role play for the dos and don'ts during therapy sessions. • Practice a role play to identify the needs of individual for therapy. • Prepare a sample report on feedback from patient about therapy and session.
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Duster.	
Tools, Equipment and Other Requirements	
Nursing manikin, bed,	

Module 14: Post therapy compliances

Mapped to: HSS/N3603

Terminal Outcomes:

- Demonstrate the after care of articles like cleaning, disinfection and sterilization.
- Demonstrate the correct techniques of maintain records and reports
- Demonstrate the method of handling, segregation and transportation of used linen..

Duration: 30:00	Duration: 55:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Explain do's and don'ts for patients post therapy including precautions to be taken at home settings as per orders from a therapist/doctor with respect to a specific therapy • Apply standard operating procedures for maintenance of panchakarma unit • Identify the suitable cleaning agent and method/procedure for cleaning • Inspect the functionality of required articles for next session • Apply safe practices while cleaning articles and other related components • Identify faulty articles and report in line with relevant requirements, policies and procedures • Inspect articles during and after processing • Apply hygiene and infection control associated with handling of linen • Explain the correct methods for handling, segregation and transport of used and unused linen • Explain the relevance and maintenance of records for consumables and non-consumables items 	<ul style="list-style-type: none"> • Demonstrate the after care of articles like cleaning, disinfection and sterilization. • Demonstrate the correct techniques of maintain records and reports • Demonstrate the method of handling, segregation and transportation of used linen.
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Duster.	
Tools, Equipment and Other Requirements	
Different types of cleaning instruments and cleaning brushes and cleaning agents, standard guidelines of cleaning the equipment	

Module 15: Inventory Control

Mapped to: HSS/N3603

Terminal Outcomes:

- Demonstrate the technique of maintain inventory or stock
- Maintain inventory register and checklist
- Report any loss of commodities and inventory

Duration: 20:00	Duration: 45:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Maintain inventory of stock • Explain the importance of keeping record of manufacturing and expiration dates • Report any loss of commodities or consumables. • Discuss inventory replenishment and distribution systems • Identify stock not complying with inventory control guidelines • Remove stock not complying with inventory control guidelines. • Re-process or discard stock not complying with inventory control guidelines 	<ul style="list-style-type: none"> • Demonstrate the usage of Comfort devices, Assistive devices, mobility devices • Demonstrate the usage of air mattress. • Demonstrate the use of physical restraints to prevent fall or injury. • Apply the use of side rails in bed to prevent fall.
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Duster.	
Tools, Equipment and Other Requirements	
Inventory registers, sample inventory lists, inventory separators	

Module 16: Maintain a safe, healthy and secure working environment

Mapped to: HSS/N9617,

Terminal Outcomes:

- Respond to institutional emergencies safely and appropriately
- Demonstrate documentation related to safety and security

Duration: 10:00	Duration: 20:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Enhance awareness of the responsibilities to maintain health safety and security • Enhance awareness for performing basic first aid in case of emergencies • Identify potential hazards in the hospital and hospital colour coding system • Identify the suspicious package or items • Follow the policy and rules of the organisation 	<ul style="list-style-type: none"> • Demonstrate the skills of infection control and use of personal protective equipment (PPE) • Demonstrate documentation related to safety and security
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Duster.	
Tools, Equipment and Other Requirements	
First-Aid Kit, colour coding diagrams, Infection control protocols, Personal Protective Equipment, videos on safety	

Module 17: Infection control policies and procedures

Mapped to: HSS/N9618,

Terminal Outcomes:

- Develop techniques of self-hygiene
- Apply infection control policies and procedures during daily activities

Duration: 10:00	Duration: 25:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Explain the concept of healthy living. • Describe the importance of infection control and prevention. • List strategies for preventing transmission of pathogenic organisms. • Describe the nosocomial infections. • Explain the importance of incident reporting. • Discuss in brief about COVID-19 coronavirus infection. • Explain the concept of immunization. • Describe the hand-hygiene guidelines and procedures used in healthcare-settings. • Explain the importance of using Personal Protective Equipment (PPE). • List the types of PPE. • Describe the process of wearing and removing each of the PPE. • Explain various vaccinations against common infectious diseases 	<ul style="list-style-type: none"> • Demonstrate the steps of spill management. • Demonstrate the procedures of hand hygiene. • Demonstrate the process of donning and doffing of PPE.
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Duster.	
Tools, Equipment and Other Requirements	
E-modules depicting sanitization, infection control and waste disposal practices	

Module 18: Bio Medical Waste Management

Mapped to: HSS/N9618,

Terminal Outcomes:

- Dispose of different types of biomedical waste in appropriate color coded bins/containers.
- Apply local guidelines of biomedical waste disposal system during daily activities.

Duration: 05:00	Duration: 20:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Categorize the different types of biomedical waste. • Explain the importance and mechanism of proper and safe disposal, transportation, and treatment of bio-medical waste. • Identify the various types of colour coded bins/containers used for disposal of biomedical waste. • Explain the importance of following local guidelines of biomedical waste disposal. 	<ul style="list-style-type: none"> • Segregate the biomedical waste applying the local guidelines. • Create a chart depicting different types of biomedical waste and various types of colour coded bins/containers used for disposal of biomedical waste. • Prepare a report on the observations from field assignment about the structure of transportation and treatment of biomedical waste.
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, Whiteboard/Smart Board, Marker, Duster.	
Tools, Equipment and Other Requirements	
Different coded color bins, chart for color coding of bins Visit to biomedical waste treatment plant for field assignment	

Module 19: Employability Skills

Mapped to DGT/VSQ/N0102: Employability Skills (60 Hours)

Mandatory Duration: 60:00

Location: On-Site

S.No.	Module Name	Key Learning Outcomes	Duration (hours)
1.	Introduction to Employability Skills	<ul style="list-style-type: none"> Discuss the Employability Skills required for jobs in various industries. List different learning and employability related GOI and private portals and their usage. 	1.5
2.	Constitutional values - Citizenship	<ul style="list-style-type: none"> Explain the constitutional values, including civic rights and duties, citizenship, responsibility towards society and personal values and ethics such as honesty, integrity, caring and respecting others that are required to become a responsible citizen. Show how to practice different environmentally sustainable practices. 	1.5
3.	Becoming a Professional in the 21st Century	<ul style="list-style-type: none"> Discuss importance of relevant 21st century skills. Exhibit 21st century skills like Self-Awareness, Behavior Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn etc. in personal or professional life. Describe the benefits of continuous learning. 	2.5
4.	Basic English Skills	<ul style="list-style-type: none"> Show how to use basic English sentences for every day conversation in different contexts, in person and over the telephone. Read and interpret text written in basic English Write a short note/paragraph / letter/e-mail using basic English. 	10
5.	Career Development & Goal Setting	<ul style="list-style-type: none"> Create a career development plan with well-defined short- and long-term goals. 	2
6.	Communication Skills	<ul style="list-style-type: none"> Demonstrate how to communicate effectively using verbal and nonverbal communication etiquette. Explain the importance of active listening for effective communication. Discuss the significance of working collaboratively with others in a team. 	5
7.	Diversity & Inclusion	<ul style="list-style-type: none"> Demonstrate how to behave, communicate, and conduct oneself appropriately with all genders and PwD. Discuss the significance of escalating sexual harassment issues as per POSH act. 	2.5
8.	Financial and Legal Literacy	<ul style="list-style-type: none"> Outline the importance of selecting the right financial institution, product, and service. Demonstrate how to carry out offline and online financial transactions, safely and securely. List the common components of salary and compute 	5
		<ul style="list-style-type: none"> income, expenditure, taxes, investments etc. Discuss the legal rights, laws, and aids. 	

9.	Essential Digital Skills	<ul style="list-style-type: none"> Describe the role of digital technology in today's life. Demonstrate how to operate digital devices and use the associated applications and features, safely and securely. Discuss the significance of displaying responsible online behavior while browsing, using various social media platforms, e-mails, etc., safely and securely. Create sample word documents, excel sheets and presentations using basic features. Utilize virtual collaboration tools to work effectively. 	10
10.	Entrepreneurship	<ul style="list-style-type: none"> Explain the types of entrepreneurship and enterprises. Discuss how to identify opportunities for potential business, sources of funding and associated financial and legal risks with its mitigation plan. Describe the 4Ps of Marketing-Product, Price, Place and Promotion and apply them as per requirement. Create a sample business plan, for the selected business opportunity. 	7
11	Customer Service	<ul style="list-style-type: none"> Describe the significance of analyzing different types and needs of customers. Explain the significance of identifying customer needs and responding to them in a professional manner. Discuss the significance of maintaining hygiene and dressing appropriately. 	5
12	Getting Ready for Apprenticeship & Jobs	<ul style="list-style-type: none"> Create a professional Curriculum Vitae (CV). Use various offline and online job search sources such as employment exchanges, recruitment agencies, and job portals respectively. Discuss the significance of maintaining hygiene and confidence during an interview. Perform a mock interview. List the steps for searching and registering for apprenticeship opportunities. 	8

LIST OF TOOLS & EQUIPMENT FOR EMPLOYABILITY SKILLS		
S No.	Name of the Equipment	Quantity
1.	Computer (PC) with latest configurations – and Internet connection with standard operating system and standard word processor and worksheet software (Licensed) (all software should either be latest version or one/two version below)	As required
2.	UPS	As required
3.	Scanner cum Printer	As required
4.	Computer Tables	As required
5.	Computer Chairs	As required
6.	LCD Projector	As required
7.	White Board 1200mm x 900mm	As required

Note: Above Tools & Equipment not required, if Computer LAB is available in the institute.

Mandatory Duration: 420:00

Module Name: On-the-Job Training

Location: On Site

Terminal Outcomes

- Demonstrate the correct techniques of ayurvedic therapies “*Shadupakramas (Brimhana, Langhana, Svedana, Stambhana, Rukshna, Senhana), Rasayana, Vajikarana, Samsamana, Samsodhana, Pathya – Apathya*
- Demonstrate the correct technique of therapy *Rasa, Guna, Karma, Virya, Vipaka* and *Prabhava* of *Dravya*
- Demonstrate the correct technique of using different oils and massage
- Identify various body parts/organs using 3D models of human organ system.
- Design various working models depicting functioning of each human body system
- Demonstrate various patient positioning used to conduct different therapies
- Demonstrate standard procedure for medicament dosage calculation
- Demonstrate the different types of massages
- Demonstrate the types of procedures such as *Shirodhara, Shirobasti, Shirobhyanga, Padabhyanga, Udwartana, Udgharshana, Mardana, Samvahana, SiroPichu and Sthanik Pichu, Lepa, Kavalaand, Gandoosha*(gargling)
- Demonstrate the *Tapa Sweda* (fomentation), *Upanaha Sweda* (poultice), *Ushma Sweda* (herbal steam and Bolus bags)
- Demonstrate standard procedure for medicaments formulations
- Demonstrate the standard procedure for primary and Secondary preparations of medicament and their uses
- Demonstrate the correct technique of *Samyak Yoga, Ati Yoga* and *Ayoga, Lakshanas*.
- Prepare a sample report of a patient on, indications, contraindications of various panchakarma procedures such as *Vamana Karma* (therapeutic emesis), *Virechana Karma* (purgation), *Basti Karma* (enema), *Nasya Karma* (nasal administration of oils and herbal derivatives), *Rakta Mokshana* (therapeutic bloodletting)
- Demonstrate the method of preparing *Swarasa, Kalka, Kwath, Hima, Phanta, Tandulodaka, Mantha, Avaleha, Dhanyamla, Kshirapaka, Panaka, Mamsarasa, Lepa*
- Demonstrate the steps of spill management.
- Demonstrate the procedures of hand hygiene.
- Demonstrate the process of donning and doffing of PPE.
- Select different types of waste and various types of colour coded bins/containers used for disposal of waste.

Annexure

Trainer Requirements

Trainer Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training Experience		Remarks
		Years	Specialization	Years	Specialization	
M D	M.D. degree in Panchakarma/ Kayachikista	1		0		
Medical Graduate	BAMS	4		1		

Trainer Certification	
Domain Certification	Platform Certification
Certified for Job Role: "Panchakarma Technician" mapped to the Qualification Pack: "HSS/Q3601 v3.0" with minimum score of 80%.	Recommended that the Trainer is certified for the Job Role: "Trainer (VET and Skills)", mapped to the Qualification Pack: "MEP/Q2601, v2.0" with minimum score of 80%.

Assessor Requirements

Assessor Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training/Assessment Experience		Remarks
		Years	Specialization	Years	Specialization	
M D	M.D. degree in Panchakarma/ Kayachikista	2			1	
Medical Graduate	BAMS	5		1		

Assessor Certification	
Domain Certification	Platform Certification
Certified for Job Role: “Panchakarma Technician” mapped to the Qualification Pack: “HSS/Q3601 v3.0” with minimum score of 80%.	Recommended that the Assessor is certified for the Job Role: “Assessor (VET and Skills)”, mapped to the Qualification Pack: “MEP/Q2701, v2.0” with minimum score of 80%.

Assessment Strategy

The emphasis is on 'learning-by-doing' and practical demonstration of skills and knowledge based on the performance criteria. Accordingly, assessment criteria for each job role is set and made available in qualification pack.

The assessment papers for both theory and practical would be developed by Subject Matter Experts (SME) hired by Healthcare Sector Skill Council or with the HSSC accredited Assessment Agency as per the assessment criteria mentioned in the Qualification Pack. The assessments papers would also be checked for the various outcome-based parameters such as quality, time taken, precision, tools and equipment requirement etc.

Each NOS in the Qualification Pack (QP) is assigned a relative weightage for assessment based on the criticality of the NOS. Therein each Element/Performance Criteria in the NOS is assigned marks on relative importance, criticality of function and training infrastructure.

The following tools would be used for final assessment:

1. Practical Assessment: This comprises of a creation of mock environment in the skill lab which is equipped with all equipment required for the qualification pack.

Candidate's soft skills, communication, aptitude, safety consciousness, quality consciousness etc. is ascertained by observation and marked in observation checklist. The outcome is measured against the specified dimensions and standards to gauge the level of their skill achievements.

2. Viva/Structured Interview: This tool is used to assess the conceptual understanding and the behavioral aspects with regard to the job role and the specific task at hand. It also includes questions on safety, quality, environment, and equipment etc.

3. Written Test: Question paper consisting of 100 MCQs (Hard:40, Medium:30 and Easy: 30) with questions from each element of each NOS. The written assessment paper is comprised of following types of questions:

- i. True / False Statements
- ii. Multiple Choice Questions
- iii. Matching Type Questions.
- iv. Fill in the blanks.
- v. Scenario based Questions.
- vi. Identification Questions

QA Regarding Assessors:

Assessors are selected as per the "eligibility criteria" laid down by HSSC for assessing each job role. The assessors selected by Assessment Agencies are scrutinized and made to undergo training and introduction to HSSC Assessment Framework, competency based assessments, assessors guide etc. HSSC conducts "Training of Assessors" program from time to time for each job role and sensitize assessors regarding assessment process and strategy which is outlined on following mandatory parameters:

- 1) Guidance regarding NSQF
- 2) Qualification Pack Structure
- 3) Guidance for the assessor to conduct theory, practical and viva assessments
- 4) Guidance for trainees to be given by assessor before the start of the assessments.
- 5) Guidance on assessments process, practical brief with steps of operations practical observation checklist and mark sheet
- 6) Viva guidance for uniformity and consistency across the batch.
- 7) Mock assessments
- 8) Sample question paper and practical demonstration

References

Glossary

Sector	Sector is a conglomeration of different business operations having similar business and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
Occupation	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
National Occupational Standards (NOS)	NOS are occupational standards which apply uniquely in the Indian context.
Qualifications Pack (QP)	QP comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A QP is assigned a unique qualifications pack code.

Acronyms and Abbreviations

NOS	National Occupational Standard(s)
NSQF	National Skills Qualifications Framework
QP	Qualifications Pack
PPE	Personal Protective Equipment
SOP	Standard Operating Procedure