



Model Curriculum

QP Name: Panchakarma Technician

QP Code: HSS/Q3601

QP Version: 4

NSQF Level: 4.5

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

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Training Parameters

Sector	Healthcare
Sub-Sector	AYUSH
Occupation	Ayurveda Therapy
Country	India
NSQF Level	4.5
Aligned to NCO/ISCO/ISIC Code	NCO-2015/2230
Minimum Educational Qualification And Experience	12th Grade Pass Or 10th Grade Pass with 3 years 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	8-5-2025
Next Review Date	8-5-2028
NSQC Approval Date	8-5-2025
QP Version	4.0
Model Curriculum Creation Date	8-5-2025
Model Curriculum Valid Up to Date	8-5-2028
Model Curriculum Version	1.0
Minimum Duration of the Course	1200 Hrs.
Maximum Duration of the Course	1200 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 prescriptions efficiently and carry out panchakarma procedures competently.
- Explain the use of different herbs and formulations related to panchakarma.
- Discuss indications, contraindications, and precautions related to panchakarma in the diet.
- Carry out Purva, Pradhan and Paschat Karma of Panchakarma Procedures.
- 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 patients.
- Apply infection control measures and dispose of biomedical waste according to the standard protocols.
- Promote safety and use Personal Protective Equipment (PPE).

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
HSS/N3630:Introduction to Ayush Healthcare system	135:00	195:00	30:00	00:00	360:00
Module 1: Introduction to Ayush healthcare systems with Ayurveda in detail	20:00	40:00	00:00	00:00	60:00
Module 2: Basic structure and function of human body (Rachana Sharira and Kriya Sharira)	20:00	40:00	00:00	00:00	60:00
Module 3: Introduction: Panchakarma Technicians and their key functions	30:00	50:00	00:00	00:00	80:00
Module 4: Fundamental Principles of Ayurveda	30:00	30:00	00:00	00:00	60:00
Module 5: Major Panchakarma	35:00	35:00	00:00	00:00	70:00

Procedures					
HSS/N3601: Prerequisites to a panchakarma therapy session	25:00	60:00	20:00	00:00	105:00
Module 6: Purva Karma of Panchakarma Therapy	25:00	60:00	20:00	00:00	105:00
HSS/N3602: Pradhan Karma of Panchakarma Therapy	60:00	100:00	20:00	00:00	180:00
Module 7: Pradhan Karma of Panchakarma Therapy	60:00	100:00	20:00	00:00	180:00
HSS/N3603: Paschat Karma of Panchakarma Therapy	70:00	110:00	30:00	00:00	210:00
Module 8: Paschat Karma of Panchakarma Therapy	40:00	60:00	00:00	00:00	100:00
Module 9: Ayurvedic Ahara	30:00	50:00	00:00	00:00	80:00
HSS/N3631: Support in day-to-day work at a unit	90:00	120:00	30:00	00:00	240:00
Module 10: Inventory Control	60:00	90:00	00:00	00:00	150:00
Module 11: Therapeutic communication skills	20:00	20:00	00:00	00:00	40:00
Module 12: Reporting and Documentation	10:00	10:00	00:00	00:00	20:00
HSS/N9617: Maintain a safe, healthy and secure environment	05:00	10:00	15:00	00:00	30:00
Module 13: Safety and emergency response at the workplace	05:00	10:00	15:00	00:00	30:00
HSS/N9618- Follow infection control policies and procedures including biomedical waste disposal protocols	05:00	05:00	05:00	00:00	15:00
Module 14: Infection control policies and procedures	03:00	03:00	00:00	00:00	06:00
Module 15: Bio-Medical Waste Management	02:00	02:00	00:00	00:00	04:00
Total	390:00	600:00	150:00	00:00	1140:00
Module 16: Employability Skills (60 Hours): DGT/VSQ/N0102	60:00	00:00	00:00	00:00	
Total	450:00	600:00	150:00	00:00	1200:00

Module Details

Module 1: Introduction to Ayush healthcare system

Mapped to: HSS/N3630

Terminal Outcomes:

- Describe the basic structure and function of Ayush healthcare delivery system in India.
- Understand the detailed structure and function of Ayurveda healthcare delivery system in India and abroad

Duration: 20:00	Duration: 40:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
• Understand about Ayush related healthcare services in the country • Discuss details about the Ayurveda healthcare setup, wellness centres, services and professionals involved. • Understand the importance of the Panchkarma department and its scope of services in the Ayush Sector. • List down the professionals working in the Panchakarma Setup and their roles and responsibilities in brief. • Explore the origins of Ayurveda, its goals, and its eight branches.	• Prepare a chart on Ayurveda facilities and services involved in it. • Prepare a chart differentiating different Ayush Healthcare setups. • Prepare a list of services and professions involved in the Ayush Industry.
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, White-Board/Smart Board, Marker, Duster	
Tools, Equipment and Other Requirements	
Visit to Ayurveda Hospital for field assignment	

Module 2: Basic structure and function of human body (Rachana Sharira and Kriya Sharira)

Mapped to: HSS/N3630

Terminal Outcomes:

- Demonstrate knowledge of the basic structure and function of the human body.

Duration: 20:00	Duration: 40:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
• List down various body parts with a brief understanding of anatomy and physiology. • Explain the concept of six regions. (Shadangatwam) of Sharira. • Explain the concept of qualities (Guna) and disturbing factors (Dosha). • Describe the plasma (Rasa Dhatu), blood (Rakta Dhatu) and muscles (Mamsa Dhatu). • Overview of Different Anatomical Positions of Body, Digestive System, Nervous System, Respiratory System, Musculoskeletal, Locomotory, Circulatory, Cardiovascular, etc.	• Prepare a model of human body parts using waste material depicting different anatomical parts. • Prepare a chart of body parts depicting the physiological process of the human body system.
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	
Human Body Skeleton, Charts and Posters on the Body System	

Module 3: Introduction: Panchakarma Technicians and their key functions

Mapped to: HSS/N3630

Terminal Outcomes:

- Describe the key roles and responsibilities of a Panchakarma Technician

Duration: 30:00	Duration: 50:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
- Understand the concept of Panchakarma, - List of the instruments used for Panchakarma Therapy - Explore the guidelines and identify the best practices for technicians in preparing the room for therapy - Describe the roles and responsibilities of Panchakarma Technician. - Discuss the importance of medicaments used in panchakarma and its use. - Explain about vital parameters and normal values of the same - Discuss parameters of Patient's vital including Blood Pressure, Temperature, Pulse, Respiration, Temperature and RBS ,spo2 - Understand positioning techniques for various panchakarma therapies - Discuss quality control and quality assurance at the panchakarma unit - Discuss about dos and don'ts related to the panchakarma department. - Discuss the career prospects of Panchakarma Technician in India and abroad. - Understand one's limit of competency and authority - Understand the roles and responsibilities of other professionals involved in conducting the Panchakarma Procedure	- Prepare a chart depicting the roles and responsibilities of a panchakarma technician. - In a role play-Demonstrate all the equipment and instruments involved in the Panchakarma department. - In a role play -demonstrate checking the vital signs of the patient.
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 specimens, medical equipments like Sphygmomanometer, Thermometer, weighing machine, stethoscope etc.	

Module 4: Fundamental Principles of Ayurveda

Mapped to: HSS/N3630

Terminal Outcomes:

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

Duration: 30:00	Duration: 30:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
• Explain the concept of Ayurveda • Discuss in brief the concept of mind, body and soul • Explain the importance of Panchkarma Therapy • Explain the importance of <i>Deepana Dravya</i> and <i>Pachana</i> • 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) • Explain the concept of <i>Prakruti</i> (body constitution) • Explain the concepts of <i>Daraniya</i> (non-suppressive urges) and <i>Aadharaniya</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> • Understand the concept of Swasthavritta. • Explain the different oils used in medicinal therapy	• Demonstrate the correct techniques of ayurvedic therapies “<i>Shadupakramas</i> (<i>Brimhana, Langhana, Svedana, Stambhana, Rukshna, Senhana</i>), <i>Rasayana, Vajikarana, Samsamana, Samsodhana, Pathya - Apathya</i>” • Make a list of <i>Daraniya</i> and <i>Aadharaniya</i> vegas. • Demonstrate the correct technique of using different oils and massage.
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, White-Board/Smart Board, Marker, Duster,	
Tools, Equipment and Other Requirements	
Oils, churnas, charts related to Ama and Agni etc.	

Module 5: Major Panchakarma Procedures

Mapped to: HSS/N3630

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: 35:00	Duration: 35:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
• 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</i>, <i>Ati Yoga</i> and <i>Ayoga</i>, <i>Lakshanas</i> • Discuss about the <i>Vyapads</i> (complications) in <i>Vamana</i>, <i>Virechana</i>, <i>Nasya</i>, <i>Basti</i> and <i>Raktamokshana</i>	• Make a list of Lakshanas of <i>Samyak Yoga</i>, <i>Ati Yoga</i> and <i>Ayoga</i>, <i>Lakshanas</i> after panchakarma procedures. • Create a chart outlining the procedures for various Panchakarma therapies.
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, White-Board/Smart Board, Marker, Duster, B	
Tools, Equipment and Other Requirements	
Charts related to different Panchkarma procedures.	

Module 6: Purva Karma of Panchakarma Therapy

Mapped to: HSS/N3601

Terminal Outcomes:

- Demonstrate standard procedure related to Purva Karma of Panchakarma.
- Demonstrate the standard procedure for medicament formulations
- Explain dos and don'ts to patients before therapy.

Duration: 25:00	Duration: 60:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
• Explain the pre-procedure compliances of therapy including the Right Patient, Right Dose, Right Drug, Right Route, Right Time, Right Documentation, Right to Know and Right to Refuse • Discuss the process of collecting and safely storing belongings for the client • Assess the patient's overall condition by measuring vital signs before starting the 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 • Explain about do's and don'ts while preparing the medicaments • Discuss side effects that may arise due to incorrect calculation of dosage • Discuss about the plant, animal and mineral origin drugs and compound formulations. • 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 prior a specific therapy	• Demonstrate the various positions for different Panchakarma procedures. • Demonstrate the standard procedure for medicament dosage calculation • Make a list of do's and don'ts after Panchakarma procedures.
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, White-Board/Smart Board, Marker, Duster	
Tools, Equipment and Other Requirements	
Patient clothes, towel, face towel, gloves, basins, water, etc	

Module 7: Pradhan Karma of Panchakarma Therapy

Mapped to: HSS/N3602

Terminal Outcomes:

- Demonstrate the different types of Ayurvedic massages.
- Demonstrate the types of procedures such as *Shirodhara*, *Shirobasti*, *Shirobhyanga*, *Padabhyanga*, *Udwartana*, *Udgharshana*, *Mardana*, *Samvahana*, *SiroPichu* and *Sthanik Pichu*, *Lepa*, *Kavalaand*, *Gandoosha*(gargling)
- Explain dos and don'ts to patients during therapy.
- Maintain records and reports of patients

Duration: 60:00	Duration: 100:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
• Explain the indication, contraindication and process of performing Abhyanga (Ayurveda oil Massage), Shiro Abhyangam (Head Massage), Padha Abhyangam(Foot Massage), Mukha Abhyangam(Face Massage) etc. • Discuss about making appropriate adjustments to massage therapy to meet any changing needs. • Explain the significance of techniques, pressures, and rhythms during massage procedures under the guidance of the physician. • Explain about three divisions of Shirodhara as per medium/oil used. • Understand the importance of checking the client's well-being throughout and give reassurance where needed • Explain about different oils used as per the massage process, their description and uses. • Explain the importance of maintaining a client's privacy and confidentiality. • Explain the process of escalating any safety issues to the concerned authority.	• Demonstrate the different types of Ayurvedic 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) • Make a list of different types of Swedha .
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, White-Board/Smart Board, Marker, Duster	
Tools, Equipment and Other Requirements	
linen, patient clothes, towel, face towel, gloves, basins, water, raw material for swedna.	

Module 8: Paschat Karma of Panchakarma Therapy

Mapped to: HSS/N3603

Terminal Outcomes:

- Demonstrate the aftercare of articles like cleaning, disinfection and sterilization.
- Demonstrate the method of handling, segregation and transportation of used linen.

Duration: 40:00	Duration: 60:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
• Discuss the process of handing over personal belongings to the client • Explain do's and don'ts for patients post-therapy per order from a therapist/doctor • Maintain records of grievances and escalate the authority as per organizational policies and procedures • Identify the needs of the individual post-therapy sessions and record them as per organizational policies • Explain the importance of taking and recording feedback from patients' post-therapy as per the organizational process • Plan a suitable appointment for the individual in consultation with the therapist/doctor or concerned authority • Prepare the panchakarma unit for the next procedure • Explain the process of maintaining records of consumable and non-consumable items like sheets, towels, napkins etc. • Explain safety measures of keeping oils, medicine from moisture, water, fire, rodents, insects, and mites etc. • Explain the process of reporting any malfunction or damage of required articles, shortage of stock, missing item to the appropriate authority. • Explain the correct methods for handling, segregation and transport of used and unused linen • Maintain for consumables and non-consumables items	• In a role play-Prepare the massage unit in a skill lab for the next procedure. • Prepare a chart depicting the steps for the process of handling belongings to the client. • Demonstrate the process of packing and storing equipment, materials, oils, and consumables. • In a role play-demonstrate the process of reporting damage, shortage of stock, and missing items, in the store.
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 9: Ayurvedic Ahara

Mapped to: HSS/N3603

Terminal Outcomes:

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

Duration: 30:00	Duration: 50:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
- Discuss the importance of <i>Ahara</i> in health and unhealthy conditions. - Explain the importance of <i>Hita Avam Ahita Ahara</i> based on <i>Doshika Prakriti</i> - Explain about <i>Ritucharya Avam Ahara and its preparation</i>. - Explain <i>Dinacharya Avam Ahara</i> and its preparation. - Explain the importance of <i>Anupana</i> concerning panchakarma - Discuss the concept of <i>Peyadi, Tarpanadi Krama</i> and its preparation - Explain the preparation of <i>Swarasa, Kalka, Kwath, Hima, Phanta, Tandulodaka, Mantha, Avaleha, Dhanyamla, Kshirapaka, Panaka, Mamsarasa, Lepa</i> <i>Explain the preparation of Peya, vilepi, yusham, mamsa rasa</i>. - Explain about the importance of diet according to panchakarma procedure	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 10: Inventory Control

Mapped to: HSS/N3631

Terminal Outcomes:

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

Duration: 60:00	Duration: 90:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
• Explain the importance of maintaining stock • Explain the importance of keeping a record of manufacturing and expiration dates • Report any loss of commodities or consumables as per organizational policy • Discuss inventory replenishment and distribution systems • Understand the importance of Identifying, recording and removing stock not complying with inventory control guidelines • Explain about Re-process or discard stock processes which are not complying with inventory control guidelines • Explain the FIFO (first in and first out) process.	• Prepare a chart for the steps for inventory control and management. • Visit a department to check the process of inventory management and prepare a report on the best practices.
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 11: Therapeutic communication skills

Mapped to: HSS/N3631

Terminal Outcomes:

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

Duration: 20:00	Duration: 20:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
• Discuss the importance of effective communication with patients, relatives, and colleagues. • Describe the attributes of a team player. • Discuss confidentiality and privacy practices related to patient information. • Discuss the importance of teamwork. • Explain work ethics in the Ayurveda Hospital set-up. • Discuss the importance of following rules and policies of organization for maintaining code of conduct and scope of work. • Discuss the various communication styles for maintain gender neutral behaviour and PwD (Divyangs) sensitivity.	• Demonstrate the usage of technical terms to ensure effective communication. • Apply time management skills during daily activities. • 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	
Case studies and demonstrative videos on teamwork, group dynamics/role play	

Module 12: Reporting and Documentation

Mapped to: HSS/N3631

Terminal Outcomes:

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

Duration: 10:00	Duration: 10:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
• Define the scope of practice for panchakarma technicians in reporting and documentation • Define and discuss the method of reporting matrix. • Explain the importance of maintaining of 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 relevant to Panchakarma procedures	• 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.
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 13: Safety and emergency response at workplace

Mapped to: HSS/N9617,v4

Terminal Outcomes

- Respond to institutional emergencies safely and appropriately.

Duration: 05:00	Duration: 10:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
- List the precautions to be taken for personal safety. - Explain the use of protective devices such as restraints and safety devices. - List the hospital emergency codes. - Explain about fire emergencies and safe use of electrical appliances - Explain disaster management techniques to deal with institutional emergencies. - List the common emergencies which could happen in a healthcare setting. - Explain about First Aid Kit and its components and its applicability - Discuss standard protocols while providing first aid care to victims - List the various do's and don'ts to be followed while providing first aid care	- Demonstrate usage of hospital emergency codes and basic emergency response in a mock drill depicting an institutional emergency. - Create a chart depicting common emergency situations and its referral mechanism in a Panchakarma Unit.
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, White-Board/Smart Board, Marker, Duster	
Tools, Equipment and Other Requirements	
Crash cart trolley, first aid box, CPR Manikin, Ambu Bag with Mask Adult, Torch, physical restraints, Fire extinguisher	

Module 14: Infection control policies and procedures

Mapped to: HSS/N9618,v4

Terminal Outcomes

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

Duration: 03:00	Duration: 03:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
• 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 or hospital acquired infections. • Explain the importance of incident reporting. • Discuss in brief about pandemics and special precautions taken during it. • 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.	• Demonstrate the steps of spill management. • Demonstrate the procedures of hand hygiene. • Demonstrate donning, doffing and discarding of PPE
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, White-Board/Smart Board, Marker, Duster	
Tools, Equipment and Other Requirements	
Hypochlorite solution, chlorhexidine, alcohol swab, Apron, lab coat, gloves, mask, cap, shoes, safety goggles and spectacles, towels, cotton, isopropyl alcohol Disposable cartridge and syringes, Spill Kit	

Module 15: Bio Medical Waste Management

Mapped to: HSS/N9618,v4

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

Duration: 02:00	Duration: 02:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
• 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.	• 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.
Classroom Aids:	
Charts, Models, Video presentation, Flip Chart, White-Board/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 16: Employability Skills

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

Mandatory Duration: 60:00

Location: On-Site

S.N o.	Module Name	Key Learning Outcomes	Duration (hours)
1.	Introduction to Employability Skills	- 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	- 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	- 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	- 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	Create a career development plan with well-defined short- and long-term goals.	2
6.	Communication Skills	- 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	- 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	- 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
		- income, expenditure, taxes, investments etc. - Discuss the legal rights, laws, and aids.	

9.	Essential Digital Skills	- 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	- 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	- 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	- 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
<i>Note: Above Tools & Equipment not required, if Computer LAB is available in the institute.</i>		

Mandatory Duration: 150:00

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		
Graduate	BAMS	6				

Trainer Certification	
Domain Certification	Platform Certification
Certified for Job Role: "Panchakarma Technician" mapped to the Qualification Pack: "HSS/Q3601 v4.0" 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				
Graduate	BAMS	7				

Assessor Certification	
Domain Certification	Platform Certification
Certified for Job Role: “Panchakarma Technician” mapped to the Qualification Pack: “HSS/Q3601 v4.0” 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