



Model Curriculum

QP Name: Jute Product Maker

QP Code: WBSC/HCS/Q2201

QP Version: 1.0

NSQF Level: 2.5

Model Curriculum Version: 1.0

West Bengal State Council of Technical & Vocational Education and Skill Development, Karigari Bhavan, (5th Floor), Plot-B/7, Action Area-III, New Town, Kolkata-700160

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Training Parameters

Sector	Handicrafts & Carpets
Sub-Sector	Jute
Occupation	Jute Product Maker
Country	India
NSQF Level	2.5
Aligned to NCO/ISCO/ISIC Code	NCO-2015/7318.1200,7318.2300
Minimum Educational Qualification and Experience	9th or equivalent OR 8th or equivalent with 1.5 years relevant experience OR 5 th or equivalent with 6 years relevant experience OR Previous relevant Qualification of NSQF Level 2 with 6 months relevant experience
Pre-Requisite License or Training	
Minimum Job Entry Age	18 years
Last Reviewed On	08/05/2025
Next Review Date	07/05/2028
Version	1.0
NSQC Approval Date	08/05/2025
Model Curriculum Creation Date	08/05/2025
Model Curriculum Valid UptoDate	07/05/2028
Model Curriculum Version	1.0
Minimum Duration of the Course	360 hours
Maximum Duration of the Course	360 hours

Program Overview

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

Training Outcomes

Compulsory Modules:

At the end of the program, the participants will be able to:

- Apply safe working Practices.
- Recognize various Raw materials for Jute product making.
- Prepare jute fiber from raw jute & staining of jute fiber.
- Prepare various bags.
- Prepare jute-based home décor items.
- Select the matching colour on the Jute product.
- Set up a small jute product Business unit.

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
WBSC/HCS/N2201 Apply safe working Practices. NOS Version No.: 1.0 NSQF Level: 2.5	05:00 Hours	25:00 Hours	00:00 Hours	00:00 Hours	30:00 Hours
Module1: Workplace Safety	05:00 Hours	25:00 Hours	00:00 Hours	00:00 Hours	30:00 Hours
WBSC/HCS/N2202 Recognize various Raw materials for Jute product making. NOS Version No. :1.0 NSQF Level: 2.5	20:00 Hours	40:00 Hours	00:00 Hours	00:00 Hours	60:00 Hours
Module2: Raw materials for jute product making.	20:00 Hours	40:00 Hours	00:00 Hours	00:00 Hours	60:00 Hours
WBSC/HCS/N2203 Prepare jute fiber from raw jute & staining of jute fiber NOS Version No.:1.0 NSQF Level: 2.5	05:00 Hours	25:00 Hours	00:00 Hours	00:00 Hours	30:00 Hours

Module3: Jute fiber preparation	05:00 Hours	25:00 Hours	00:00 Hours	00:00 Hours	30:00 Hours
WBSC/HCS/N2204 Prepare various bags. NOS Version No.:1.0 NSQF Level: 2.5	10:00 Hours	50:00 Hours	00:00 Hours	00:00 Hours	60:00 Hours
Module 4: Bags and other accessories	10:00 Hours	50:00 Hours	00:00 Hours	00:00 Hours	60:00 Hours
WBSC/HCS/N2205 Prepare jute-based home décor items NOS Version No.:1.0 NSQF Level: 2.5	10:00 Hours	20:00 Hours	00:00 Hours	00:00 Hours	30:00 Hours
Module 5: Jute based home decor crafting	10:00 Hours	20:00 Hours	00:00 Hours	00:00 Hours	30:00 Hours
WBSC/HCS/N2206 Select the matching colour on the Jute product. NOS Version No.:1.0 NSQF Level: 2.5	10:00 Hours	20:00 Hours	00:00 Hours	00:00 Hours	30:00 Hours
Module 6: Selection of matching colour	10:00 Hours	20:00 Hours	00:00 Hours	00:00 Hours	30:00 Hours
WBSC/HCS/N2207 Set up a small jute product Business unit. NOS Version No.: 1.0 NSQF Level: 2.5	10:00 Hours	20:00 Hours	00:00 Hours	00:00 Hours	30:00 Hours
Module 7: Set up new business	10:00 Hours	20:00 Hours	00:00 Hours	00:00 Hours	30:00 Hours
WBSC/HCS/N2208 Work in real job situation with emphasis on basic safety and hazards. NOS Version No.: 1.0 NSQF Level: 2.5	00:00 Hours	00:00 Hours	60:00 Hours	00:00 Hours	60:00 Hours
Module 8: Industry exposure/ OJT	00:00 Hours	00:00 Hours	60:00 Hours	00:00 Hours	60:00 Hours

DGT/VSQ/N0101 Employability Skills NOS Version No.: 1.0 NSQF Level: 2.5	30:00 Hours	00:00 Hours	00:00 Hours	00:00 Hours	30:00 Hours
Module 9: Employability Skills	30:00 Hours	00:00 Hours	00:00 Hours	00:00 Hours	30:00 Hours
Total Duration	100:00 Hours	200:00 Hours	60:00 Hours	00:00 Hours	360:00 Hours

Module Details

Module1: Workplace Safety

Mapped to WBSC/HCS/N2201

Terminal Outcomes:

- Maintain procedures to achieve a safe working environment in line with occupational health and safety regulations and requirements according to site policy.
- Recognize any unsafe situations according to site policy, and assess his report accordingly.
- Identify and take necessary precautions on fire and safety hazards and report according to site policy and procedures.
- Demonstrate Personal Productive Equipment (PPE) use the same as per related working environment.
- Demonstrate basic first aid & CPR and use them under different circumstances.
- Identify different fire extinguishers and use the same as per requirement in a mock drill.

Duration: 05:00	Duration: 20:00
Theory–Key Learning Outcomes	Practical–Key Learning Outcomes
<ul style="list-style-type: none"> • Procedure to ensure a safe working environment • Occupational health and safety regulations and requirements in accordance with site police • Implementation procedure to measure to prevent accidents and ensure the well being of all personnel • Identify unsafe situations in the workplace • Identify potential fire and safety hazards • Correct use of personal protective equipment (PPE) in line with the related working environment • Basic first aid and CPR techniques • Different types of fire extinguishers and their applications 	<ul style="list-style-type: none"> • Maintain safe working environment procedures • Ensure compliance with occupational health and safety regulations and site policies • Recognize and assess of unsafe situations • Apply site policy in assessing and reporting unsafe conditions • Identify fire and safety hazards in the working environment • Role play scenarios to simulate real life situations and report hazards according to site policy • Demonstrate to correct application of PPE • Demonstrate first aid and CPR • Identify and handle different types of fire extinguishers in a practical setting

Classroom Aids:

Computer, Projection Equipment, Power Point Presentation and software, Facilitator's Guide, Participant's Handbook.

Tools, Equipment and Other Requirements:

First Aid box, Different types of fire extinguishers, PPE kits, Safety charts, Safety tools.

Module2: Raw materials for jute product making.

Mapped to WBSC/HCS/N2202

Terminal Outcomes:

- Describe different types of raw materials
- Demonstrate basic requirements to set up a unit for Jute Product Making
- Elaborate different preparation practices along with merit & demerits.
- Describe various ingredients along with colouring of Jute Product Making
- Elaborate the various conventional & non-conventional raw materials of Jute Product Making
- Identify various forms of Raw materials of Jute Product Making
- Select various proportions of Raw materials of Jute Product Making

Duration: 20:00	Duration: 40:00
Theory–Key Learning Outcomes	Practical–Key Learning Outcomes
<ul style="list-style-type: none"> • Introduction & Scope of Jute and its products • Tools required for preparation of Jute products • Define and classify various types of raw materials used in jute product making • Essential components for establishing a unit dedicated to jute product manufacturing • Elaboration of different preparation practices with merits and demerits • Define and classify different ingredients used in jute product making process • Describe both conventional and non-conventional raw materials used in product making • Demonstrate different sources of jute product making • Identify the different forms in which raw materials are available for jute product making • Selection of various proportions of raw materials 	<ul style="list-style-type: none"> • Identify different types of raw materials used in jute product making • Demonstrate different preparation practices used in jute product making • Analyze the merits and demerits of each practice in real time scenarios • Compare the outcomes of different preparation methods • Demonstrate the application of various coloring techniques in jute product making. • Apply natural and synthetic dyes to jute materials • Explore and handle both conventional and non-conventional raw materials • Demonstrate various sources of jute product making • Identify various forms of raw materials • Selection of appropriate proportions of raw materials • Calculate and mix different proportions of raw materials in practical scenarios
Classroom Aids:	

Computer, Projection Equipment, Power Point Presentation and software, Facilitator's Guide, Participant's Handbook

Tools, Equipment and Other Requirements

Measuring Tapes, Scissors (heavy-duty for jute cutting), Rotary cutters, Knives for fabric cutter, Rulers and scales, Weighing scale, Hand combs and brushes, Hackling tools, Wooden or metal beaters, Dyeing vats or containers, Stirring rods or paddles, Protective gloves and aprons, Needles, Jute threads and twines, Sewing machines, Wooden molds and frames, Pressing tools, Bins or containers, Drying racks.

Module 3: Jute fiber preparation

Mapped to WBSC/HCS/N2203

Terminal Outcomes:

- Explain the different system extracting of jute fiber from raw jute
- Describe different types of post production of jute fiber from raw jute with proper examples.
- Explain various tools and equipment along with its utility for jute fiber from raw jute & staining of jute fiber
- Describe the selection of site and principles of profitable jute fiber from raw jute & staining of jute fiber

Duration: 05:00	Duration: 25:00
Theory–Key Learning Outcomes	Practical–Key Learning Outcomes
<ul style="list-style-type: none"> • Elaborate various systems involved in extracting jute fiber from raw jute • Classify various post production processes for jute fiber from raw jute • Describe tools and equipment used in the extraction of jute fiber from jute • Describe criteria for selecting a suitable site for jute fiber extraction • Explain the significance of each system in obtaining high quality jute fiber • Evaluate the environmental impact of jute production compared to synthetic materials. 	<ul style="list-style-type: none"> • Demonstrate various systems for extracting jute fiber from raw jute • Perform post production processes such as retting, breaking, scutching and hackling • Identify the tools and equipment for jute fiber extraction. • Identify a suitable site for jute fiber extraction. • Demonstrate the procedures of retting, stripping, washing, drying and grading for high-quality jute fiber.

Classroom Aids:

Computer, Projection Equipment, Power Point Presentation and software, Facilitator's Guide, Participant's Handbook

Tools, Equipment and Other Requirements

Sickle or sharp knife, Water tanks or retting pits, Bamboo poles or stones, Rope, Wooden mallet or beater, Scutching blade or wooden paddle, Hand scutching board, Hackling combs, Hackling frame or machine, Sieves or mesh screens, Drying racks or frames, Hand brushes, Measuring scale, Color chart, Jute bags or cloth sacks, Wooden or metal racks.

Module 4: Bags and other accessories

Mapped to WBSC/HCS/N2204

Terminal Outcomes:

- Plan and select the methods of Preparation of bags by jute
- Identify the different functions of sewing machine.
- Operate sewing machine for preparation of jute products.
- Maintain the machine regularly.
- Recognize various types of items like Ladies hand bag, Side bag, Shopping bag, Office bag, Office files etc.
- Describe different uses of bags
- Prepare different Ladies hand bag, Side bag, Shopping bag

Duration: 10:00	Duration: 50:00
Theory–Key Learning Outcomes	Practical–Key Learning Outcomes
<ul style="list-style-type: none"> • Plan for preparation of jute bags • Describe factors like design, size and purpose • Explore sustainable and innovative approaches in jute bag production • Describe various functions of sewing machine used in jute product manufacturing • Outline role of each function in stitching different parts of a bag • Describe operation of sewing machines for jute product preparation • Outline maintenance of sewing machines • Classify various types of jute products including ladies handbags, side bags, shopping bags, office bags and office files. • Elaborate on the diverse uses of jute bags • Summarize the process of preparation of different jute bags in a commercial farm • Describe disposal of waste management of jute products 	<ul style="list-style-type: none"> • Plan and select the methods for jute bag preparation • Plan and choose appropriate methods for designing and producing jute bags • Select jute fabric based on durability and aesthetics. • Determine the cutting patterns and dimensions for each types of bag. • Identify the functions of sewing machine • Operate sewing machine for jute products • Demonstrate cleaning, lubricating and adjusting machines. • Troubleshoot common issues to ensure seamless machine operation • Demonstrate routine maintenance of sewing machines. • Dispose of waste management of jute products • Prepare different bags with proper techniques. • Cut the jute fabric according to the selected patterns for each bag. • Sew the pieces together using appropriate stitching techniques. • Check the final product for quality and functionality before use.

Classroom Aids:

Computer, Projection Equipment, Power Point Presentation and software, Facilitator's Guide, Participant's Handbook

Tools, Equipment and Other Requirements

Jute fabric, Jute threads, cotton, polyester, or synthetic fabrics, embroidery threads, beads, sequins, buttons, ink, blocks, stencils, laces, ribbons, zippers, buckles, Velcro, chains, Waste disposal bins, Scissors, cutters, Rotary cutters blades, Measuring tapes, rulers, stencils, marking chalks, tracing paper, pencils, frames, sewing machines, Needles, Heat press machines, Iron and ironing board, air blower.

Module 5: Jute-based home décor crafting

Mapped to WBSC/HCS/N2205

Terminal Outcomes

- Identify different materials needed to create jute products for home decorating
- Identify the tools and equipment required.
- Demonstrate the process of making jute window curtains by measuring, cutting, and sewing the fabric.
- Prepare wall hanging, cushion covers, floor coverings, rugs, bottle covers, lamp shades, and table mats.
- Apply patchwork techniques to create a unique jute product.
- Construct a jute basket by weaving strips of jute together.

Duration: 10:00	Duration: 20:00
Theory–Key Learning Outcomes	Practical–Key Learning Outcomes
<ul style="list-style-type: none"> • Exhibit various types of jute products for home decoration • Explain the procedure to make the jute window curtain by the measurement, cutting jute fabric to size and sewing the hems. • Describe the procedure to prepare wall hanging, cushion covers, floor coverings, rugs, bottle covers, lamp shades and table mats. • Describe the techniques of applique and patchwork in jute crafting. • Discuss the market trends and consumer preferences for jute products, as per growing demand for handmade items. 	<ul style="list-style-type: none"> • Identify different materials needed to create jute products for home decorating • Identify the tools and equipment required • Demonstrate the process of making jute window curtains by measuring, cutting, and sewing the fabric • Create a jute wall hanging, cushion cover, lamp shade, jute table mat by designing a pattern • Apply applique technique to enhance its visual appeal. • Construct a jute basket by weaving strips of jute together • Apply patchwork techniques to create a unique jute product.
Classroom Aids:	
Computer, Projection Equipment, Power Point Presentation and software, Facilitator's Guide, Participant's Handbook	
Tools, Equipment and Other Requirements	
Measuring tape, scissors, rotary cutter & cutting mat, ruler/scale, fabric chalk/pencil/marker, sewing	

machine, hand sewing needles, thread (cotton or nylon), pins & pin cushion, fabric glue or hot glue gun, jute fabric rolls/sheets, jute rope/twine, wooden/metal frames, weaving needles & shuttle, embroidery hoop, fabric paint & brushes, beads, buttons, lace, ribbons & fabric trims, stencils & stamps, iron & ironing board, pliers.

Module 6: Selection of matching colour

Mapped to WBSC/HCS/N2206

Terminal Outcomes:

- Describe various principles of bleaching and colouring in Jute products.
- Describe general process and precautions in the use of matching colour on the Jute products.
- Prepare the specific schedule for Work Area Maintenance in different Jute Products.
- Perform the commercial production process in different Jute product.

Duration: 10:00	Duration: 20:00
Theory–Key Learning Outcomes	Practical–Key Learning Outcomes
<ul style="list-style-type: none"> • Describe the principles of bleaching and coloring of jute product • Match the colors on jute products including color selection and application methods • Explain commercial production process for various jute product • Describe all stages involved from raw material preparation to the final product. 	<ul style="list-style-type: none"> • Apply bleaching and coloring principles on jute products • Maintain work area for jute product maker. • Evaluate color consistency and quality in the finished jute products • Implement color matching process • Make a specific schedule for work area maintenance • Maintain safety protocols during maintenance activities • Demonstrate the procedure of commercial production of various jute products.
Classroom Aids:	
Computer, Projection Equipment, Power Point Presentation and software, Facilitator’s Guide, Participant’s Handbook	
Tools, Equipment and Other Requirements	
Bleaching Agents, Color Pigments, Plastic or stainless-steel buckets, Measuring Cylinders & Beakers, pH Meter, Stirrers & Spatulas, Boilers, steamers, hot plates, Gloves, Aprons & Safety Glasses, Color Matching Charts or Shade Cards, Spectrophotometer or Colorimeter, Dyeing Machines, Spray Guns & Brushes, Printing Screens & Stencils, Water Testing Kits, Mops, Brooms, Vacuum Cleaners, Storage Racks & Shelves, Scissors, fabric cutters, sewing machines.	

Module 7: Set up new business

Mapped to WBSC/HCS/N2207

Terminal Outcomes:

- Define the mission, vision and goals of the Jute product business unit.
- Identify target markets, industry trends and competitors.
- Identify various funding sources and their applications.
- Create a comprehensive operational plan covering production and logistics.
- Create realistic financial projections including income and expenses.
- Explain the system for tracking business performance using KPIs.
- Record various cash transactions accurately using appropriate methods.
- Practice compliance with GST concepts.
- Utilize inventory management tools to maintain accurate stock levels.

Duration: 10:00	Duration: 20:00
Theory–Key Learning Outcomes	Practical–Key Learning Outcomes
<ul style="list-style-type: none"> • Identify the business’s mission, vision, goals, and the range of products or services offered in its industry. • Explain the entire business concept, unique selling points (USPs) and competitive advantages. • Identify the target market, current industry trends, and competitors’ strategies for better positioning. • Collaborate with sales and marketing teams to gather insights on promotions, seasonal variations and market changes. • List different Sources of funding for Start-up such as state Government schemes: <ul style="list-style-type: none"> ➤ Smami Vivekanda SwarnibharKarmasanthanPrakalpa (SVSKP) ➤ West Bengal Swarnirbhar Sahayak Prakalpa (WBSSP) ➤ Bhavisyat Credit Card ➤ WBMDFC Schemes • Specify product/service details, pricing and positioning in the market. • Outline the operational aspects including production processes, logistics management and facility requirements. • Determine financial performance using 	<ul style="list-style-type: none"> • Estimate the amount of funding required and the purpose, whether through loans, investments or other means. • Demonstrate detailed financial projections based on realistic assumptions and market trends. • Provide the operational plan on how the business will function, covering processes, technology and resources. • Demonstrate step-by-step plan for implementing the business strategy along with key metrics (KPIs) to track the business's progress. • Hands-on practice in identifying and recording various cash transactions. • Demonstrate e-payment methods, debit/credit cards, UPI and mobile applications. • Generate cash memos and related documents. • Role-play scenarios for effectively managing returns, refunds and exchanges. • Practice on using accounting software or manual methods, record various financial transactions. • Practice preparing invoices, receipts, and vouchers. • Apply GST concepts through practical exercises,

<p>income statements, balance sheets, and risk assessments.</p> <ul style="list-style-type: none"> Describe a system for regular monitoring and evaluation of the business plan's implementation. Differentiate between various forms of payments (cash, card, UPI). Define the purpose and importance of invoices, cash receipts, vouchers and cash memos. Explain the e-payment systems such as debit and credit cards, UPI and mobile applications. Illustrate concepts like event, transaction, account, capital, asset, liabilities, income, expenses, profit, loss, cost and vouchers. Summarize the key aspects of GST including applicability, exemptions, SGST, CGST, IGST, input tax, output tax, TCS, TDS and compliance rates. Categorize products into A, B and C classes based on their importance and value. Implement Just-In-Time (JIT) inventory systems with reliable suppliers to reduce excess inventory. 	<p>including calculations and compliance.</p> <ul style="list-style-type: none"> Implement inventory management software to automate processes, track stock levels in real-time and generate accurate reports. Conduct regular physical audits and cycle counts to ensure the accuracy of inventory records. Collaborate with key partners in the supply chain for shared demand forecasting and planning. Utilize data analytics tools to analyze historical data, identify trends and make informed decisions. Practice on creating detail project report template.
Classroom Aids:	
Computer, Projection Equipment, Power Point Presentation and software, Facilitator's Guide, Participant's Handbook	
Tools, Equipment and Other Requirements	

Module 8: Industry exposure/OJT

Mapped to WBSC/HCS/N2208

Terminal Outcomes:

Assessor will check report prepared for this component of training of the course and assess whether competency has been developed to work in the real job situation with special emphasis on basic safety and hazards in this domain. (The trainee is expected to undertake work in actual workplace under any supervisor / contractor for 60 Hours.)

Duration: 00:00	Duration: 60:00
Theory–Key Learning Outcomes	Practical–Key Learning Outcomes

	<ul style="list-style-type: none">Assessor will check report prepared for this component of training of the course and assess whether competency has been developed to work in the real job situation with special emphasis on basic safety and hazards in this domain. (The trainee is expected to undertake work in actual workplace under any supervisor / contractor for 60 Hours.)
Classroom Aids:	

Module 9: Employability Skills

Mapped to DGT/VSQ/N0101

Detail of Employability Skills Syllabus: 30 hours

Key Learning Outcomes:

Introduction to Employability Skills Duration: 1 Hour

After completing this programme, participants will be able to:

1. Discuss the importance of Employability Skills in meeting the job requirements

Constitutional values - Citizenship Duration: 1 Hour

2. Explain constitutional values, civic rights, duties, citizenship, responsibility towards society etc. that are required to be followed to become a responsible citizen.
3. Show how to practice different environmentally sustainable practices

Becoming a Professional in the 21st Century Duration: 1 Hours

4. Discuss 21st century skills.
5. Display positive attitude, self -motivation, problem solving, time management skills and continuous learning mindset in different situations.

Basic English Skills Duration: 2 Hours

6. Use appropriate basic English sentences/phrases while speaking

Communication Skills Duration: 4 Hour

7. Demonstrate how to communicate in a well -mannered way with others.
8. Demonstrate working with others in a team

Diversity & Inclusion Duration: 1 Hour

9. Show how to conduct oneself appropriately with all genders and PwD
10. Discuss the significance of reporting sexual harassment issues in time

Financial and Legal Literacy Duration: 4 Hours

11. Discuss the significance of using financial products and services safely and securely.
12. Explain the importance of managing expenses, income, and savings.
13. Explain the significance of approaching the concerned authorities in time for any exploitation as per legal rights and laws

Essential Digital Skills Duration: 3 Hours

14. Show how to operate digital devices and use the associated applications and features, safely and securely
15. Discuss the significance of using internet for browsing, accessing social media platforms, safely and securely

Entrepreneurship Duration: 7 Hours

16. Discuss the need for identifying opportunities for potential business, sources for arranging money and potential legal and financial challenges

Customer Service Duration: 4 Hours

17. Differentiate between types of customers
18. Explain the significance of identifying customer needs and addressing them
19. Discuss the significance of maintaining hygiene and dressing appropriately

Getting ready for apprenticeship & Jobs Duration: 2 Hours

20. Create a biodata
21. Use various sources to search and apply for jobs
22. Discuss the significance of dressing up neatly and maintaining hygiene for an interview
23. Discuss how to search and register for apprenticeship opportunities

Tools and Equipment

Tools and Equipment List for 30 Students

Sl. No.	Item	Specification	Quantity
1	First Aid Box		1
2	Fire Extinguishers		2
3	PPE Kits (Gloves, Aprons, Safety Glasses)		30 sets
4	Safety Charts	Laminated, A2 size	5
5	Safety Tools		5 sets
6	Measuring Tapes	150 cm, fiber-coated	5
7	Scissors		5
8	Rotary Cutters	45mm blade	5
9	Knives for Fabric Cutting	Stainless steel	5
10	Rulers and Scales	30 cm plastic, 1-meter metal	5

11	Weighing Scale	Digital, up to 5kg	2
12	Hand Combs and Brushes	Wooden handle, steel teeth	5
13	Hackling Tools	Steel teeth, wooden base	5
14	Wooden or Metal Beaters	1kg weight	5
15	Dyeing Vats or Containers	Plastic or metal, 10L capacity	5
16	Stirring Rods or Paddles	Wooden, 60 cm length	5
17	Needles	Hand sewing and machine, assorted sizes	15 packs
18	Jute Threads and Twines	Assorted colors, 1mm thickness	15 rolls
19	Sewing Machines	Industrial, single-needle lockstitch	5
20	Wooden Molds and Frames	30x30 cm	15
21	Pressing Tools	Wooden and metal, assorted sizes	5
22	Bins or Containers	Plastic, 50L capacity	5
23	Drying Racks		5
24	Sickle or Sharp Knife	Curved blade, wooden handle	5
25	Water Tanks or Retting Pits	500L capacity	2
26	Bamboo Poles or Stones	2m length, 5cm diameter	15
27	Rope	Natural fiber, 10mm thick	50m
28	Wooden Mallet or Beater	1.5kg, hardwood	5
29	Scutching Blade or Wooden Paddle	40cm length	5
30	Hand Scutching Board	Wooden, smooth surface	5
31	Hackling Combs	Stainless steel, fine teeth	5
32	Hackling Frame or Machine	steel frame	1
33	Sieves or Mesh Screens	Stainless steel, 1mm mesh	5

34	Jute Fabric	Rolls or sheets, 1m width	5 rolls
35	Cotton, Polyester, or Synthetic Fabrics	Various textures, 30m, 1m width	5 each
36	Embroidery Threads	Assorted colors, cotton/polyester	5 sets
37	Beads, Sequins, Buttons	Various sizes and colors	5 sets
38	Ink, Blocks, Stencils	Wooden block printing tools	5 sets
39	Laces, Ribbons, Zippers, Buckles, Velcro, Chains		5 sets
40	Waste Disposal Bins	Plastic, 50L capacity	5
41	Cutters, Rotary Cutter Blades		5
42	Marking Chalks, Tracing Paper, Pencils	Assorted colors, A4 size	30 each
43	Frames	Wooden and metal, 30x30 cm	5
44	Heat Press Machines		1
45	Iron and Ironing Board	Heavy-duty, adjustable height	5
46	Air Blower		2
47	Weaving Needles & Shuttle	Steel needles, wooden shuttle	5
48	Embroidery Hoop	6-inch wooden	5
49	Fabric Paint & Brushes	Assorted colors, fine-tip brushes	5 sets
50	Stencils & Stamps	Various patterns	5 sets
51	Pliers	Multi-purpose, steel	5
52	Bleaching Agents	5L industrial-grade	5L
53	Color Pigments	Assorted dyes, powder and liquid	5 sets
54	Plastic or Stainless-steel Buckets	20L capacity	5
55	Measuring Cylinders & Beakers	Glass, 100ml-1L range	5 sets
56	pH Meter	Digital, ± 0.01 accuracy	2

57	Stirrers & Spatulas	Plastic and wooden, 30cm	5
58	Boilers, Steamers, Hot Plates	Electric, adjustable temperature	5
59	Color Matching Charts or Shade Cards		5
60	Spray Guns & Brushes	Air compressor-powered	5
61	Printing Screens & Stencils		5
62	Mops	Industrial cotton head	5
63	Brooms	Heavy-duty, 120cm handle	5
64	Vacuum Cleaners	Industrial, wet and dry	2
65	Storage Racks & Shelves	Metal, adjustable shelves	5

Annexure

Trainer Requirements

Trainer Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training Experience		Remarks
		Years	Specialization	Years	Specialization	
10 th Passed	Jute Handicraft	3	-	-	-	-
Diploma	Handicraft/Textile Design	1	-	-	-	-

Trainer Certification	
Domain Certification	Platform Certification
Certified for Job Role: "Jute Product Maker" mapped to QP: "WBSC/HCS/Q2201". Minimum accepted score is 80%.	Recommended that the Trainer is certified for the Job Role: "Trainer (VET & skills)", mapped to the Qualification Pack: "MEP/Q2601, v2.0". Minimum accepted score is 80%.

Assessor Requirements

Assessor Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training/Assessment Experience		Remarks
		Years	Specialization	Years	Specialization	
10 th Passed	Jute Handicraft sector	5	-	-	-	-
Diploma	Handicraft/Textile Design	2	-	-	-	-

Assessor Certification	
Domain Certification	Platform Certification
Certified for Job Role: "Jute Product Maker" mapped to QP: "WBSC/HCS/Q2201". Minimum accepted score is 80%.	Recommended that the Assessor is certified for the Job Role: "Assessor (VET & skills)", mapped to the Qualification Pack: "MEP/Q2701,v2.0". Minimum accepted score is 80%.

Assessment Strategy

Assessment will be based on the concept of Independent Assessors empaneled with West Bengal State Council of Technical & Vocational Education & Skill Development (WBSCT&VE&SD), identified, selected, trained and certified on Assessment techniques. These Assessors would be aligned to assess as per the laid down criteria.

WBSCT&VE&SD would conduct assessment only at the training centers or designated testing centers authorized by WBSCT&VE&SD.

Ideally, the assessment will be a continuous process comprising of two distinct steps:

- A. Continuous assessment by Trainers
- B. Term end /Final Assessment by WBSCT&VE&SD

Each National Occupational Standard (NOS) in the respective QPs will be assigned weightage. Each Performance Criteria in the NOS will be assigned marks for theory and/or practical based on relative importance and criticality of function.

This will facilitate preparation of question bank / paper sets for each of the QPs. Each of these papers sets/question banks created by subject matter experts through WBSCT&VE&SD, especially with regard to the practical test and the defined tolerances, finish, accuracy etc.

The following tools are proposed to be used for final assessment:

- i. Written Test: This will comprise of (i) True/False Statements and/or (ii) Multiple Choice Questions and/or (iii) Matching Type Questions. Online system for this will be preferred.
- ii. Practical Test: This will comprise a test job to be prepared as per project briefing following appropriate working steps, using necessary tools, equipment and instruments. Through observation it will be possible to ascertain candidate's aptitude, attention to details, quality consciousness etc.
- iii. Structured Viva-voce: This tool will be used to assess the conceptual understanding and the behavioral aspects as regards the job role and the specific task at hand.

Marks distribution as per outcome

	Sr No	Outcome No.	Outcome Name	Th Hrs	Pr Hrs	Total marks Th	Total marks Pr
Jute Product Maker	1	WBSC/HCS/N22 01	Apply safe working Practices.	5	25	15	95
	2	WBSC/HCS/N22 02	Recognize various Raw materials for Jute product making.	20	40	40	110
	3	WBSC/HCS/N22 03	Prepare jute fiber from raw jute & staining of jute fiber.	5	25	15	95
	4	WBSC/HCS/N22 04	Prepare various bags.	10	50	20	110
	5	WBSC/HCS/N22 05	Prepare jute based home décor items.	10	20	20	80
	6	WBSC/HCS/N22 06	Select the matching colour on the Jute product.	10	20	20	80
	7	WBSC/HCS/N22 07	Set up a small jute product Business unit.	10	20	20	80
	8	WBSC/HCS/N22 08	Work in real job situation with emphasis on basic safety and hazards.	0	60	0	150
	9	DGT/VSQ/N0101	Employability Skills- 30 hrs.	30	0	50	0
TOTAL Marks 1000 (Theory 200 Including ES 50, Practical 800 including OJT 150)						200	800

References

Glossary

Term	Description
Declarative Knowledge	Declarative knowledge refers to facts, concepts and principles that need to Be known and/or understood in order to accomplish or to solve a problem.
Key Learning Outcome	Key learning outcome is the statement of what a learner needs to know, understand and be able to do in order to achieve the terminal outcomes. A set of key learning outcomes will make up the training outcomes. Training Outcome is specified in terms of knowledge, understanding (theory) and skills (practical application).
OJT(M)	On-the-job training(Mandatory);trainees are mandated to complete specified hours of training on site
OJT(R)	On-the-job training(Recommended);trainees are recommended the specified hours of training on site
Procedural Knowledge	Procedural knowledge addresses how to do something, or how to perform a task. It is the ability to work, or produce a tangible work output by applying cognitive, affective or psycho motor skills.
Training Outcome	Training outcome is a statement of what a learner will know, understand and be able to do upon the completion of the training.
Terminal Outcome	Terminal outcome is a statement of what a learner will know, understand and be able to do upon the completion of a module. A set of terminal outcomes help to achieve the training outcome.

Acronyms and Abbreviations

Term	Description
QP	Qualification Pack
NSQF	National Skills Qualification Framework
NSQC	National Skills Qualification Committee
NOS	National Occupational Standards