

SYLLABUS JUTE (HANDICRAFT) PRODUCT MAKER

Course Name	JUTE (HANDICRAFT) PRODUCT MAKER
Course Code	STC - AGR/2022/0229,V2
Level	3
Occupation	Jute (Handicraft) Product Maker
Job Description	Jute (Handicraft) Product Maker has a job to produce diversified jute product of definite shape and size as per sale advice note or as per market demand. For all such products to be popularized nationally and/or internationally, they need to be produced as per customer's given standards. This job holder should know how to produce quality jute crafted products as per the market demand and set standards.
Course Duration	Total Duration 390 Hrs (T-90, P-180, OJT-60 and ES-60)
Trainees' Entry Qualification	Grade 10 OR Grade 8 with two year of (NTC/ NAC) after 8 th OR Grade 8 pass and pursuing continuous schooling in regular school with vocational subject OR 8th grade pass with 2 yrs relevant experience OR Previous relevant Qualification of NSQF Level 2 with one yr experience OR Previous relevant Qualification of NSQF Level 2.5 with 6 months experience
Trainers Qualification	Diploma in Work Education or relevant field (Sewing and Cutting/stitching) with 3 years experience

Structure of Course:

Module No.	Outcome	Theory (Hrs)	Practical (Hrs)	OJT (Hrs)	Total (Hrs) [Multiple of 30]
1	Apply safe working Practices	10	20		30
2	Identify and interpret the requirement of raw materials for preparation of jute products.	15	15		30
3	Recognize various Raw materials for Jute product making.	10	20		30
4	Prepare jute fiber from raw jute & staining of jute fiber	10	20		30
5	Prepare bags - Ladies hand bag, Side bag, Shopping bag, Office bag, Office files etc.	15	45		60

6	Select the matching colour on the Jute product	10	20		30
7	Plan and execute the visit of a commercial unit to exposure of jute product.	10	20		30
8	Execute Documentation, Record Keeping & Value chain Management in Jute product.	10	20		30
9	Able to work in real job situation with special emphasis on basic safety and hazards in this domain.	-	-	60	60
10	Employability Skill	60	-	-	60
	TOTAL	150	180	60	390

Employability Skill: 60Hrs (Provided by NCVET)

OJT: 60 hours (in multiple of 60)

SYLLABUS:

Module No. 1: Apply safe working Practices

Outcome: Apply safe working Practices

Theory Content:

- 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

Practical Content:

- 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

Module No. 2: Identify and interpret the requirement of raw materials for preparation of jute products.

Outcome: Identify and interpret the requirement of raw materials for preparation of jute products.

Theory Content:

- 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

Practical Content:

- Identify different types of raw materials used in jute product making
- Participate to setup a jute product making unit
- 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

Module No. 3: Recognize various Raw materials for Jute product making.

Outcome: Recognize various Raw materials for Jute product making.

Theory Content:

- 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

Practical Content:

- 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

Module No. 4: Prepare jute fiber from raw jute & staining of jute fiber

Outcome: Prepare jute fiber from raw jute & staining of jute fiber

Theory Content:

- Elaborate various systems involved in extracting jute fiber from raw jute
- Explain the significance of each system in obtaining high quality jute fiber
- Classify various post production processes for jute fiber from raw jute
- Describe tools and equipment used in the extraction of jute fiber from jute
- Criteria for selecting a suitable site for jute fiber extraction

Practical Content:

- Demonstrate various systems for extracting jute fiber from raw jute
- Perform post production processes such as retting, breaking, scutching and hackling

- List the tools and equipment for jute fiber extraction
- Describe the criteria for selecting a suitable site for jute fiber extraction.

Module No. 5: Prepare bags - Ladies hand bag, Side bag, Shopping bag, Office bag, Office files etc.

Outcome: Prepare bags - Ladies hand bag, Side bag, Shopping bag, Office bag, Office files etc.

Theory Content:

- Planning for preparation of jute bags
- Consideration of factors like design, size and purpose
- Explore sustainable and innovative approaches in jute bag production
- Various functions of sewing machine used in jute product manufacturing
- Role of each function in stitching different parts of a bag
- Operation of sewing machines for jute product preparation
- Maintenance of sewing machines
- Classify various types of jute products including ladies handbags, sidebags, shopping bags, office bags and office files.
- Elaborate on the diverse uses of jute bags
- Preparation of different jute bags in a commercial farm
- Disposal of waste management of jute products
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Practical Content:

- Plan and select the methods for jute bag preparation
- Plan and choose appropriate methods for designing and producing jute bags
- 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
- Routing maintenance of sewing machines

Module No. 6: Select the matching colour on the Jute product

Outcome: Select the matching colour on the Jute product

Theory Content:

- The principles of bleaching and coloring of jute product
- Match the colors on jute products, including color selection and application methods
- Work area maintenance of different jute product
- Importance of maintaining work areas
- Commercial production process for various jute product
- Stages involved from raw material preparation to the final product
- Overview of commercial production process of different jute product

Practical Content:

- Apply bleaching and coloring principles on jute products
- Evaluate color consistency and quality in the finished jute products
- Implement color matching process
- Make specific schedule for work area maintenance
- Maintain safety protocols during maintenance activities
- Demonstrate the procedure of commercial production of various jute product

Module No. 7: Plan and execute the visit of a commercial unit to exposure of jute product.

Outcome: Plan and execute the visit of a commercial unit to exposure of jute product.

Theory Content:

- Visit to jute products manufacturing industry / Interaction with the successful entrepreneur

Practical Content:

- Evaluate the work environment and identify elements contributing to employee satisfaction and productivity
- Analyze organization charts and structural frameworks of visited commercial units
- Describe the operational methods in commercial units

Module No. 8: Execute Documentation, Record Keeping & Value chain Management in Jute product

Outcome: Execute Documentation, Record Keeping & Value chain Management in Jute product

Theory Content:

- Systematic documentation and record keeping processes
- Recognize various value chain systems in the jute product industry
- Elaborate on supply chain management practices specific to the jute product industry
- Role of entrepreneurship in jute product sector
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Practical Content:

- Practice of systematic documentation and record keeping processes
- Analyze different value chain systems in jute product industry
- Describe supply chain management practices
- Entrepreneurial role play related to jute product sector

Module No. 9: Able to work in real job situation with special emphasis on basic safety and hazards in this domain.

Outcome: Able to work in real job situation with special emphasis on basic safety and hazards in this domain.

Theory Content:

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Practical Content:

Assessor will check reports 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 the actual workplace under any supervisor / contractor for 60 Hours.)

Learning Outcome – Assessment Criteria

Outcomes to be assessed	Assessment criteria for the outcome
1. Apply safe working practices	(1.1) Maintain procedures to achieve a safe working environment in line with occupational health and safety regulations and requirements according to site policy. (1.2) Recognize any unsafe situations according to site policy, and assess his report accordingly. (1.3) Identify and take necessary precautions on fire and safety hazards and report according to site policy and procedures. (1.4) Demonstrate Personal Productive Equipment (PPE) use the same as per related working environment. (1.5) Demonstrate basic first aid & CPR and use them under different circumstances. (1.6) Identify different fire extinguishers and use the same as per requirement in a mock drill.
2. Identify and interpret the requirement of raw materials for preparation of jute products.	(2.1) Describe different types of raw materials (2.2) Demonstrate basic requirements to set up a unit for Jute Product Making (2.3). Elaborate different preparation practices along with merit & demerits.
3. Recognize various Raw materials for Jute product making.	(3.1) Describe various ingredients along with colouring of Jute Product Making (3.2) Elaborate the various conventional & non-conventional raw materials of Jute Product Making (3.4) Examine the trainee to demonstrate different sources of Jute Product Making (3.5) Identify various forms of Raw materials of Jute Product Making (3.6) Select various proportions of Raw materials of Jute Product Making
4: Prepare jute fiber from raw jute & staining of jute fiber	(4.1) Explain the different system of jute fiber from raw jute (4.2.) Describe different types of post production of jute fiber from raw jute with proper examples. (4.3) Explain various tools and equipments along with its utility for jute fiber from raw jute & staining of jute fiber (4.4) Describe the selection of site and principles of profitable jute fiber from raw jute & staining of jute fiber
5. Prepare bags - Ladies hand bag, Side bag, Shopping bag, Office bag, Office files etc.	(5.1) Plan and select the methods of Preparation of bags by jute (5.2) Identify the different functions of sewing machine. (5.3) Operate sewing machine for preparation of jute products. (5.4) Maintain the machine regularly. (5.5) Recognize various types of items like Ladies hand bag, Side bag, Shopping bag, Office bag, Office files etc (5.6) Describe different uses of bags (5.7) Prepare different Ladies hand bag, Side bag, Shopping bag, Office bag, Office files etc in commercial farm. (5.8) Dispose by proper method for waste management of jute products.
6. Select the matching colour on the Jute product	(6.1) Describe various principles of bleaching and colouring in Jute products. (6.2) Describe general process and precautions in Use of matching

	<p>colour on the Jute products.</p> <p>(6.3) Prepare the specific schedule for Work Area Maintenance in different product Jute.</p> <p>(6.4) Perform the commercial production process in different Jute product</p>
7. Plan and execute the visit of a commercial unit to exposure of jute products.	(7.1.) Explain the personnel, structural and Operational method measures in different commercial units visited.
8. Execute Documentation, Record Keeping & Value chain Management in Jute product	<p>(8.1) Describe systematic documentation & record keeping process in Jute products.</p> <p>(8.2) Recognize and discuss different value chain systems and marketing processes in commercial Jute products.</p> <p>(8.3) Elaborate various supply chain Mgmt., processing and product technology in Jute product.</p> <p>(8.4) Perform efficient entrepreneurship role & aware about trade policy on Jute products</p>
9. Able to work in a real job situation with special emphasis on basic safety and hazards in this domain.	(9.1) Assessor will check reports 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 the actual workplace under any supervisor / contractor for 150 Hours.)

Tools & Equipments

LIST OF TOOLS & EQUIPMENTS: Jute Product Maker

LIST OF GENERAL TOOLS & EQUIPMENTS :(For Batch of 30 Candidates)			
S No.	Name of the Tool & Equipment	Specification	Quantity
1.	Laptop & LCD Projector,	Standard & available size	01 no each
2.	White board, Marker,	Minimum 5'X4'	01 no each
3.	Record book, Balanced Feed Chart,	Standard & available size	02 no each
4.	Public address system	-Do-	01 No
5	Shaded working area	Space:20ftX25ft	
6	Drum for bleaching and colouring	Large size	3 nos
7	Scissors and needles	pcs	1 set per trainee
8	Sewing machines	pcs	6 nos
9	First aid kit	-Do-	02 no each
10	Bobin	pcs	As required

Marks Distribution

Outcome	Outcome Code	Total Th Marks	Total Pr. Marks
Apply safe working Practices	AGR/0229/OC1	10	70
Identify and interpret the requirement of raw materials for preparation of jute products.	AGR/0229/OC2	20	70
Recognize various Raw materials for Jute product making.	AGR/0229/OC3	20	70
Prepare jute fiber from raw jute & staining of jute fiber	AGR/0229/OC4	20	100
Prepare bags - Ladies hand bag, Side bag, Shopping bag, Office bag, Office files etc.	AGR/0229/OC5	20	100
Select the matching colour on the Jute product	AGR/0229/OC6	20	100
Plan and execute the visit of a commercial unit to exposure of jute product.	AGR/0229/OC7	20	70
Execute Documentation, Record Keeping & Value chain Management in Jute product.	AGR/0229/OC8	20	70
Able to work in real job situation with special emphasis on basic safety and hazards in this domain.	AGR/0229/OC9	0	150
Employability Skill	DGT/VSQ/N0102	50	0