

Syllabus For WATER HYACINTH HANDICRAFT PRODUCT MAKING

Course Name	WATER HYACINTH HANDICRAFTS PRODUCT MAKING
Course Code	HAC/2023/WHHP/164
Sector	Handicrafts and Carpets
Occupation	WATER HYACINTH PRODUCT DESIGNERS & CRAFTSMEN
Job Description	DESIGN PRODUCTS & EXECUTION OF DESIGN IN MANUFACTURING
Course Duration	Total Duration 270 Hrs (T-98, P-142, and ES-30)
Trainees' Entry Qualification	Basic Literacy and Basic Numeracy
Trainers Qualification	Hands on experience in water hyacinth handicraft designing & training for a minimum of 5 years

Structure of Course:

Module No.	Module name	Outcome	Theory (Hrs)	Practical (Hrs)	Total (Hrs) [Multiple of 30]
1	ORIENTATION	Explain Process for changing Water Hyacinth from 'WASTE' to 'WEALTH'.	8	4	12
2	HARVESTING & DRYING	Extract dry stem of water hyacinth for product making.	4	50	54
3	Coloring Water Hyacinth Stems	Remove excess colour.	4	20	24
4	BEGINNERS' HANDICRAFTS	Make products like i) Hyacinth Rope ii) Hyacinth Chain iii) Coasters, iv) Table Mats & Pen Stands On their own	5	65	70

Module No.	Module name	Outcome	Theory (Hrs)	Practical (Hrs)	Total (Hrs) [Multiple of 30]
5	ADVANCED COURSE	Make advanced handicraft like i) Baskets, ii) Trays, iii) Plant Holders, iv) Hand Purses and Bags of different types, and v) other innovative products on their own	5	75	80
TOTAL:			26	214	240

Employability Skill: 30Hrs (Provided by NCVET)

SYLLABUS:

Module No. 1: ORIENTATION

Outcome: Explain Process for changing Water Hyacinth from ‘WASTE’ to ‘WEALTH’.

Theory Content: Trainees will be explained about the problems of water hyacinth growing in water; how it is a problem for fishing community; they will be told how it can be made economically viable.

Practical Content: Trainees will be shown water bodies, water hyacinth plant, the stem of the plant and various products made out of it.

Tools & Equipment needed : No tools required, transport facility to be arranged for 30 Trainees, Trainers, Officials to visit water body to see the water hyacinth plant.

Module No. 2: HARVESTING & DRYING (of Water Hyacinth)

Outcome: Extract dry stem of water hyacinth for product making.

Theory Content: Trainees will be explained that they have to descend into water body and harvest the plant.
And how to cut leaves and root off the stems and be laid out to dry in sunlight.

Practical Content: Trainer will demonstrate how the plant will be cut and brought out to be taken away for drying.
Trainees had to dry out the stem; occasionally turn them over. Care to be taken not to over – dry them or expose them to moisture.

Tools & Equipment needed: Sickle (For Cutting), Large Baskets and Transport facility to carry the

plant to drying station.

Sturdy Ropes for tying stems into bundles

Module No. 3: Colouring Water Hyacinth Stems

Outcome: Remove excess colour.

Theory Content: Trainer will explain
How to boil, How much colour to use and when to mix, How much to boil the stems with colour to get the right tone of colour.
The trainees would also be trained to wash and dry the stems following colouring.

Practical Content: Trainees will learn to do practically:
How to boil, How much colour to use and when to mix, How much to boil the stems with colour to get the right tone of colour.
The trainees would also be trained to wash and dry the stems following colouring.

Tools & Equipment needed: Boiling apparatus, colour, Water, large wooden ladle to mix.

Module No. 4: BEGINNERS' HANDICRAFTS

Outcome: Make products like, (i) Hyacinth Rope, (ii) Hyacinth Chain, (iii) Coasters, & (iv) Table Mats & Pen Stands On their own

Theory Content: Trainer will be required to explain that rope making and chain making as the basic step to most products and will speak about possibility of making different products.

Practical Content: Trainees will be trained in Rope Making and Chain Making first and then in making above mentioned products in different colours, designs, and sizes by weaving.

Tools & Equipment needed: Needle, Thread, Scissors, Measuring Tape, Wooden Hammer, PLY Board, Cloth (Cotton)

Module No. 5: ADVANCED COURSE

Outcome: Make advanced handicraft like (i) Baskets, (ii) Trays, (iii) Plant Holders, (iv) Hand Purses and Bags of different types, and (v) other innovative products on their own.

Theory Content: Trainer will explain how the trainee can now move onto make more complicated products with their acquired skill.

Practical Content: Trainees will be taught to make intricately designed products as mentioned above including Lady Hand Purse (4" X 6"), Lady Coin Purse (10"), Baby Hand Purse (3" X 6"), and Picnic Bag (12" X 14")

Tools & Equipment needed: Needle, Thread, Scissors, Measuring Tape, Wooden Hammer, PLY Board, Cloth (Cotton), Wooden Buttons, Frame, Plastic Bucket, Canvas Cloth.

Employability Skills (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 Hour

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 Hours

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

Learning Outcome – Assessment Criteria

Module No.	Outcome	Assessment Criteria
1	Explain Process for changing Water Hyacinth from 'WASTE' to 'WEALTH'.	After completion of this module students will be able to: 1.1 Identify Water Hyacinth 1.2 Understand the problems arising out of it 1.3 Understand that it has an artistic & economic value
2	Extract dry stem of water hyacinth for product making.	After completion of this module students will be able to: 2.1 Harvest Water Hyacinth from water 2.2 Cut off leaves & root portion 2.3 Select stem for drying.
3	Remove excess colour.	After completion of this module students will be able to: 3.1 Dry stems properly for later use 3.2 Colour stems for later use
4	Make products like I. Hyacinth Rope II. Hyacinth Chain III. Coasters, IV. Table Mats & Pen Stands On their own	4.1 Make Water Hyacinth products at beginner's level
5	Make advanced handicraft like i) Baskets, ii) Trays, iii) Plant Holders, iv) Hand Purses and Bags of different types, and v) other innovative products on their own	5.1 Make Water Hyacinth products at advanced level

List of Tools, Equipment & materials needed for 30 Trainees (Practical)

Sl No	Items Name	Specification	Qty
1	SICKLE		30 Nos.
2	BASKET	LARGE	15 Nos.
3	ROPE	THICK COIR	
4	NEEDLE	MEDIUM SIZE	60 Nos.
5	THREAD	BROWN COLOUR	150 Bundle
6	SCISSORS	MEDIUM & LARGE	30 Nos.
7	MEASURING TAPE		30 Nos.
8	HAMMER / MALLET	WOODEN	30 Nos.
9	BUTTONS	WOODEN	2 Pack
10	BOARD	PLY	
11	CLOTH	COTTON	30 Nos.
12	CANVAS		
13	FRAME	BAMBOO	30 Nos.
14	BUCKET	PLASTIC	30 Nos.
15	COLOUR	DIFFERENT COLOURS	30 Pack.