

Training Schedule

Vermicomposting (621)

S.No	Schedule		Theory (40 Hrs)		Practical (80 Hrs)		Instructions to the trainer	Key Learning outcomes (After going through the PCP learner will be able to..)
	Week	Day	Topic	Hours	Topic	Hours		
1.	Week 1	Day 1	Food and Agriculture Organic farming	3	Visit to an organic field	2	<ul style="list-style-type: none"> • Use relevant PPTs/ videos • Arrange visit to nearby Organic field 	<ul style="list-style-type: none"> • Display intellectual competence on the knowledge about the importance of organic farming and different agriculture parameters.
2.		Day 2	Vermicompost and its utilization Earthworm and its role	3	<ul style="list-style-type: none"> • Visit to Vermicompost unit • Characteristics of earthworm for Vermicomposting 	2	<ul style="list-style-type: none"> • Arrange visit to nearby vermicompost unit in advance • Explain life cycle and role of earthworms in vermicomposting using relevant PPTs/videos/chart/specimen 	<ul style="list-style-type: none"> • Exhibit intellectual competence on the knowledge about the importance of vermicomposting • Identify structure and behaviour of earthworms for Vermicomposting
3.	Week 2	Day 1	Steps of vermicomposting and methodology	3	Prepare a flow chart depicting steps of vermicomposting and methodology	2	<ul style="list-style-type: none"> • Explain steps of vermicomposting using relevant PPTs/ videos 	<ul style="list-style-type: none"> • Follow recommended steps and methodology for vermicomposting • Prepare flow chart for same
4.		Day 2	Characteristics of good quality vermicompost	3	Characteristics of good quality vermicompost	2	<ul style="list-style-type: none"> • Explain topic using relevant PPTs/ videos/ specimen 	<ul style="list-style-type: none"> • Identify good combinations of nutrients for

								vermicompost • Enlist the minerals found in vermicompost
5.	Week 3	Day 1	Selection of site and physical requirements for vermicompost unit	3	Requirements of vermicomposting	2	<ul style="list-style-type: none"> • Explain topic using relevant PPTs/ videos/ specimen 	<ul style="list-style-type: none"> • Select site for vermicompost unit • Enlist physical requirements for vermicompost unit
6.		Day 2	Construction of vermicomposting site	2	Construct a vermicompost shed with locally available materials.	3	<ul style="list-style-type: none"> • Demonstrate construction of vermicomposting site • Explain the local material that can be used the same 	<ul style="list-style-type: none"> • Construct vermicomposting site using locally available material
7.	Week 4	Day 1		-	Make vermicompost bed as per the production flow diagram.	2	<ul style="list-style-type: none"> • Demonstrate vermicompost bed as per the production flow diagram 	<ul style="list-style-type: none"> • Make vermicompost bed as per the production flow diagram.
8.		Day 2	-	-	<ul style="list-style-type: none"> • Collection of earthworms from field • Collection of cocoons from field 	5	<ul style="list-style-type: none"> • Show live earthworm and cocoons • Demonstrate collection procedure 	<ul style="list-style-type: none"> • Collect earthworms and cocoons from field
9.	Week 5	Day 1	-	-	<ul style="list-style-type: none"> • To study the time required for hatching • To study the response of earthworms to various pH solutions 	5	<ul style="list-style-type: none"> • Demonstrate procedures taking proper precautions 	<ul style="list-style-type: none"> • Predict time required for hatching • Demonstrate the response of earthworms to various pH solutions
10.		Day 2	-	-	<ul style="list-style-type: none"> • Steps to be taken before harvesting of vermicompost 	5	<ul style="list-style-type: none"> • Demonstrate steps with recommended precautions 	<ul style="list-style-type: none"> • Explain recommended steps before harvesting of vermicompost taking proper precautions.

11.	Week 6	Day 1	-	-	<ul style="list-style-type: none"> • Transportation of earthworms • Preliminary treatment of organic wastes 	5	<ul style="list-style-type: none"> • Explain precautionary measure to be taken while transporting earthworms • Demonstrate preliminary treatment 	<ul style="list-style-type: none"> • Describe the procedure of transportation of earthworms • Perform preliminary treatment of organic wastes
12.		Day 2	Basic marketing skills and linkages	3	<ul style="list-style-type: none"> • Prepare a chart showing every member and their respective role in a marketing channel 	2	<ul style="list-style-type: none"> • Explain basic marketing skills • Role play may be done showing importance of linkages 	<ul style="list-style-type: none"> • Analyse and apply basic marketing skills • Generate linkages for effective marketing
13.	Week 7	Day 1	Key- Entrepreneurship skills	3	Key- Entrepreneurship skills	2	<ul style="list-style-type: none"> • Explain Key- Entrepreneurship skills using PPTs/ videos/ role play • Conduct pre and post training test to assess the understanding of learner to run an enterprise • Explain appropriate ways to establish cordial relations with various clients for developing the business 	<ul style="list-style-type: none"> • Develop Key entrepreneurial skills
14.		Day 2	-	-	<ul style="list-style-type: none"> • Field visit to get prices of various inputs from the market and to assess the need and requirement of the client. • Calculation of Cost- 	5	<ul style="list-style-type: none"> • Arrange market visit to get prices of various inputs from the market • Demonstrate to assess the need and requirement of the client • Explain ways to identify 	<ul style="list-style-type: none"> • Perform market survey for demand analysis • Calculate the Cost-Benefit ratio of vermicompost production

					Benefit ratio of vermicompost production		appropriate buyers for the produce	
15.	Week 8	Day 1	Communication and writing skills	2	Communication and writing skills	3	<ul style="list-style-type: none"> • Explain effective communication and writing skills using relevant PPTs/ videos • Practice effective communication and writing skills using relevant PPTs/ videos 	<ul style="list-style-type: none"> • Use effective communication and writing skills
16.		Day 2	Business plan to start a vermicompost enterprise	2	<ul style="list-style-type: none"> • Make a business plan to start a vermicompost business. 	3	<ul style="list-style-type: none"> • Explain, prepare and share a business proposal for easy understanding of learner. • Explain record maintenance. • Demonstrate best ways of marketing one's produce. 	<ul style="list-style-type: none"> • Prepare a business plan for small vermicomposting unit
17.	Week 9	Day 1	Vermicomposting: Problems and Solutions	3	<ul style="list-style-type: none"> • Compare the good and bad effects of chemical fertilizers and organic fertilizers • Collect different raw materials for vermicomposting and categorize them into degradable and non degradable materials 	2	<ul style="list-style-type: none"> • Discuss problems related to vermicomposting and their solutions • Ask learners to point out the problems they may face while installing vermin unit and discuss feasible solution to that 	<ul style="list-style-type: none"> • Compare the good and bad effects of chemical fertilizers and organic fertilizers • Use degradable materials for vermicomposting

18.		Day 2	-	-	<ul style="list-style-type: none"> • Collect different species of earthworm and identify the species suitable for vermicomposting • Test the moisture level by taking a small quantity of vermicompost 	5	<ul style="list-style-type: none"> • Explain different earthworm species and their identification features using live sample • Demonstrate procedure taking necessary precautions 	<ul style="list-style-type: none"> • Identify earthworm species suitable for vermicomposting • Determine moisture level in vermicompost
19.	Week 10	Day 1	-	-	<ul style="list-style-type: none"> • Evolve a marketing chain for selling vermicompost produced by a rural farmer. • Prepare a diagram showing interlinkages between the members of chain system of marketing channel 	5	<ul style="list-style-type: none"> • Help learner to complete the practical 	<ul style="list-style-type: none"> • Evolve marketing chain for selling vermicompost. • Prepare diagram showing interlinkages between the members of chain system of marketing channel
20.		Day 2	-	-	Project: <ul style="list-style-type: none"> • Prepare a vermicompost unit and make a report on various steps of vermicomposting. 	5	<ul style="list-style-type: none"> • Check procedures followed by learner, evaluate project and guide for improvement 	<ul style="list-style-type: none"> • Apply core and generic skills while preparing project.
21.	Week 11	Day 1	-	-	Project: <ul style="list-style-type: none"> • Visit a commercial vermicompost unit and make a status report. 	5	<ul style="list-style-type: none"> • Check procedures followed by learner, evaluate project and guide for improvement 	<ul style="list-style-type: none"> • Apply core and generic skills while preparing project.
22.		Day 2	-	-	Project: <ul style="list-style-type: none"> • Make a report on scale and cost of 	5	<ul style="list-style-type: none"> • Check procedures followed by learner, evaluate project and 	<ul style="list-style-type: none"> • Apply core and generic skills while preparing project.

					vermicompost production.		guide for improvement	
23.	Week 12	Day 1	Revision and doubt clearance	5	-	-	<ul style="list-style-type: none"> • Revision of tough topics to be done. • Class test may be conducted. 	• doubts cleared
24.		Day 2	Revision and doubt clearance	5	-	-	<ul style="list-style-type: none"> • Revision of tough topics to be done. • Class test may be conducted. 	• doubts cleared
	Total			40		80		