

## Rajasthan Skill & Livelihoods Development Corporation

<b>1. Module Name</b>	<b>Wall Painter</b>
<b>2. Sector</b>	Paint
<b>3. Entry Qualification</b>	Minimum 5 <sup>th</sup> Pass
<b>4. Minimum Age (in years)</b>	15
<b>5. Duration</b>	<b>44 days/ 264 hrs.</b>
<b>6. Provision of Tool kit</b>	Yes
<b>7. Terminal Competency</b>	<p>After completion of the course the trainee will be able to:</p> <ul style="list-style-type: none"> <li>• identify materials, tools and equipment required for various types of painting and polishing of different surfaces;</li> <li>• prepare basic surfaces (wall, metal &amp; wood) for painting and polishing;</li> <li>• handle waste disposal &amp; manage housekeeping, health &amp; safety at work place;</li> <li>• prepare wall surfaces for distempering &amp; painting;</li> <li>• prepare, mix and use putty;</li> <li>• mix paint in desired shades for wall painting; and</li> <li>• paint walls and ceiling;</li> </ul>

	<b>Approx. hrs.</b>
<b>8. Registration, Inauguration, introduction and objectives of the course</b>	2

<b>9. Course content</b>			
<b>Practical competencies</b>	<b>Approx. hrs.</b>	<b>Underpinning Knowledge (Theory)</b>	<b>Approx. hrs.</b>
<ul style="list-style-type: none"> <li>• Use of protective clothing and equipment and carryout safe working practices.</li> <li>• Apply good housekeeping practices, proper handling of materials and waste disposal.</li> <li>• Identify and familiarize with tools &amp; equipments used in painting.</li> <li>• Identify and familiarize with various types of raw materials used in painting e.g. Paints, Putty, Varnishes etc.</li> </ul>	9	<ul style="list-style-type: none"> <li>• Paint Industry in India.</li> <li>• Importance of painting, painter &amp; related works.</li> <li>• Health and safety precautions, safe working practices.</li> </ul>	3
<ul style="list-style-type: none"> <li>• Use of tools, equipments used for painting.</li> <li>• Upkeep, care &amp; maintenance of tools &amp; equipments.</li> </ul>	9	<ul style="list-style-type: none"> <li>• Tools &amp; Equipment used in painting technique, their specifications &amp; quality.</li> <li>• Various types of Putty, primer, paints, varnishes generally used for painting applications and their quality.</li> </ul>	6
<ul style="list-style-type: none"> <li>• Familiarization with various types and conditions of painting surfaces e.g. wall, wood &amp; metal etc.</li> <li>• Prepare basic surfaces: wall, metal and wood for good painting work.</li> </ul>	12	<ul style="list-style-type: none"> <li>• Importance of using proper tools &amp; equipments.</li> </ul>	3

<ul style="list-style-type: none"> <li>• Apply putty, paint varnishes and polish to the different surfaces by using proper application sequence.</li> </ul>	24	<ul style="list-style-type: none"> <li>• Systematic use of various types of painting tools &amp; equipment, spray guns, ford cup sets.</li> </ul>	6
<ul style="list-style-type: none"> <li>• Field visits to locations where painting is going on.</li> </ul>	12	<ul style="list-style-type: none"> <li>• Necessity and type of help to Painter by Helper.</li> <li>• Waste disposal at work places.</li> <li>• Behavior at work place. Customer &amp; their expectations while painting.</li> </ul>	6
<ul style="list-style-type: none"> <li>• Use of protective clothing and equipment and carry out safe working practices.</li> <li>• Apply good housekeeping practices, proper handling of materials and waste disposal.</li> <li>• Preparing surfaces of wall and ceiling,</li> <li>• Cleaning rough surfaces for distempering, practice of in use of nail brushes, Iron hig, chiseling, rubbing by Emery &amp; Brushes.</li> <li>• Putty preparation, mixing of putty, different process of making putty and use of putty on different surfaces.</li> </ul>	24	<ul style="list-style-type: none"> <li>• Health and safety precautions, safe working practices and waste disposal at work place.</li> <li>• Painter's equipment such as ladder, step scaffolding, trestle, buckets etc., their description &amp; uses.</li> <li>• Housekeeping – good practice, quality aspects of paints.</li> <li>• Behavioral etiquette.</li> <li>• Description, use, care &amp; maintenance of hand tools, brushes of various sizes, diamond glazier, stopping knife, scrapers, pallet knife, chisel knife, shave hook, plumb line, lining tool, rule file etc.</li> </ul>	3
<ul style="list-style-type: none"> <li>• Colour blending by mixing various paints and colour making, distempering walls, relief painting and texturing of walls &amp; ceiling.</li> <li>• Testing of colour perceptions.</li> </ul>	12	<ul style="list-style-type: none"> <li>• Putty: definition, types, uses, method of mixing &amp; different methods of applications.</li> <li>• Description of Tools, equipments used for mixing with safety measures.</li> </ul>	4
<ul style="list-style-type: none"> <li>• Preparation of desired shades by tinting of water based &amp; solvent based paint with universal tinters.</li> <li>• Mixing schemes/ computer generated colours.</li> </ul>	12	<ul style="list-style-type: none"> <li>• Paint: definition, classification &amp; uses.</li> <li>• Method of selection, application, preparation techniques, mixing of ingredients, various types, their purposes and effect on paints.</li> </ul>	4
<ul style="list-style-type: none"> <li>• Painting by brushes of walls and ceiling of a building, office building/ workshop building inside &amp; outside by water based paint/solvent based paint.</li> </ul>	30	<ul style="list-style-type: none"> <li>• Purpose of cleaning of wall surfaces and their effects. Processes of cleaning, different methods of cleaning, water proofing, precautions and uses.</li> <li>• Building painting by brushes, their defects &amp; remedies.</li> </ul>	3
<ul style="list-style-type: none"> <li>• Painting of walls of residential houses with oil colours.</li> <li>• Colouring of doors, windows &amp; fittings.</li> </ul>	24	<ul style="list-style-type: none"> <li>• Surface preparation for oil painting of wall, painting faults &amp; their remedies.</li> <li>• Introduction of wall painting by roller.</li> <li>• Calculation of the amount of paint needed for the jobs and its cost evaluation.</li> </ul>	6

		<b>Entrepreneurship &amp; Soft Skills and Computer Literacy Module:</b>	0
		• Entrepreneurship – its necessity and charms of being an entrepreneur.	1
		• Who is an entrepreneur and characteristics of a successful Entrepreneur?	2
		• How to identify Business opportunities?	2
		• Steps for setting up a small scale venture.	1
		• Institutional support for entrepreneurship (whom to contact for what)	2
		• Government (Central/ State) Schemes and assistance from Banks/ other financial institutions - Procedures and formalities for getting loan.	2
		• How to prepare Business plan?	2
		• Financial literacy-Costing, Pricing, Profitability and Break Even Analysis.	2
		• Cash management in small enterprises.	2
		• Accounting and Book Keeping	2
		• Introduction to Taxation	1
		• Shop and Establishment Act and its provisions.	1
		• Creativity, Problem solving & decision making.	1
		• Common mistakes generally made by entrepreneurs.	1
		• Interaction with successful entrepreneur and success stories.	2
		• Communication and Negotiation skills.	1
		• Interpersonal skills	1
		• How to Deal with customer attitude – Effective selling.	1
		• Marketing – Basic concepts/ Skills and effective mode of advertising.	1
		• Introduction to e-commerce.	2
<b>Computer Fundamentals</b> <b>Customize the Desktop Environment e.g.</b> Desktop, Start Menu, and Taskbar etc. Configuring & Migrating Files, Folders & Settings - Folder Views, Accessibility Settings	2	<b>Computer Fundamentals, MS-Office &amp; Internet</b> introduction to Computers History of Computers Components of Hardware Peripherals	1
<b>MS Word</b> Creating, Organizing & Formatting Content Collaborating – Merge, Insert, View,	4	<b>Concept of Operating System –</b> Windows XP, Exploring & Configuring the Windows XP Desktop Environment-Customize	1

Edit, Track Mode etc. Formatting & Managing Documents		the Desktop, Start Menu, and Taskbar etc. Configuring & Migrating Files, Folders	
<b>MS Excel</b> Creating, Analyzing & Formatting Data & Content Collaborating - Insert, View, Edit etc. Managing Workbooks	3	<b>Settings - Folder Views, Accessibility Settings</b> Features of Windows XP Understanding concepts of Word processing using MS-Word Understanding concepts of Electronic spreadsheet and various types of entries in it	1
<b>MS PowerPoint</b> Creating & Formatting Content Collaborating - Track, Edit, Add, Delete Comments, Merge Managing & Delivering Presentations	3		
<b>Internet Concepts</b> Opening websites and downloading data Writing, reading and sending emails	4	<b>Understanding concepts of URL</b> Creating and Opening an E-mail account. Receiving and sending emails Searching information on Internet.	1
<b>Approx. Total Practical hours</b>	<b>184</b>	<b>Approx. Total Theory hours</b>	<b>78</b>
<b>Grand Total (2+184+78)</b>			<b>264</b>

#### 10. Tools, Equipments and Material for a batch of 30 trainees

S.No.	Item	Quantity	S.No.	Item	Quantity
	<b>Equipment</b>			<b>Materials</b>	
1	Ford cup No.4	One set	1	Wall putty	6 kg.
2	Chequer sheet (for testing capacity)	60 sheets	2	Wall Primer	6 kg.
3	Standard colour shake card IS:5	3 nos.	3	P.U. Coatings	3 kg.
4	Colourblind test Booklet	6 nos.	4	Melamine coatings	3 kg.
5	Mask gloves, goggles, personal safety equipment item	30 set	5	Exterior Enamel white-2	3 ltr.
6	Brushes (size – 2 inch)	30 pcs.	6	Interior Enamel white-2	3 ltr.
7	Thermometer – 0 to 110° C)	3 nos.	7	Cement primer water based	3 kg. each
8	Beakers/Mug – 500 ml.	30 nos.	8	Cement primer solvent based	3 kg. each
9	Measurer cylinder (100 ml.)	3 nos.	9	Thinner/Turpentine	3 ltr. each
10	Spatula	30 nos.	10	Wood primer	6 kg.
11	Nail Brush	8 nos.	11	Acrylic Emulsion paint – white	6 kg.
12	Iron Hig	8 nos.	12	Oil bound/Acrylic distemper – white	6 kg.
13	Emery paper (320 & 400)	15 each	13	Water based stainers (colour concentrate) (Red, yellow blue Green)	300 ml. each
14	Empty 1 liter. Containers	60 pcs.	14	Solvent based stainer (colour concentrate) (Red, yellow blue Green)	300 ml. each
15	Cloth (Rag)	As required	15	M.T.O. /Turpentine	15 ltrs.
16	Brush - distemper – 25 mm	15 pcs.			
17	Brush – Dusting	8 pcs.			

18	Brush – white wash	15 pcs.			
19	Stopping knife	15 pcs.			
20	Plalte knife	15 pcs.			
21	Chisel knife	15 pcs.			
22	Shave hook	30 pcs.			
23	Knife put glazier	15 pcs.			
24	Ladder	1 no.			
25	Scaffolder	1 no.			
26	Trestle painter with stools	30 nos.			
27	Buckets (20 ltr.)	8 nos.			
28	Gun spray with gravity feed cup with accessories with portable Air Compressor	3 nos.			
29	Airless Spray Gun with accessories	3 nos.			
30	Pressure feed container 20 ltr. capacity	3 nos.			
31	Spray Booth	3 nos.			

S.No.	Item	Quantity	S.No.	Item	Quantity
	<b>Hardware</b>			<b>Software:</b>	
1	Computers/Laptops	10 (one for three trainee)	6	Microsoft Windows 7/8/10 or UNIX/ LINUX or latest software	For all Systems
2	Power backup	For all Systems	7	Microsoft Office 2007/ 2010/ 2013 or latest software	For all Systems
3	Inkjet/Laser Printer (Network/USB Printer)	1	8	Antivirus Software (TVD/ Norton/ Quick Heal Total Security/ Kaspersky/ Any Popular brand)	For all Systems
4	Speaker	1	9	Internet Connection	For all Systems
5	Spare H/W components	As per requirement			