

COMPETENCY BASED CURRICULUM

PM Vishwakarma

Qualification Name: Boat Maker

Version: 1

Submitted By:

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PM Vishwakarma Qualification Details

Vishwakarma Qualification Name	Boat Maker
Sector Name	Furniture and Fittings
Job role Description	This qualification is designed to upgrade the skills of existing boat makers by providing hands-on training in the safe and effective usage of modern power tools. Participants will learn how to operate various power tools, ensuring precision, efficiency, and safety in boat making tasks. This qualification also included the self-employment skills required in small business planning, management, and expansion for Vishwakarmas. It also includes government support and loans Vishwakarma's can avail and utilizing the benefits of ecommerce and digital payment applications for their small business.
Trainee's Entry Profile	Existing Vishwakarmas' duly verified as per the Scheme
Content availability	<input type="checkbox"/> Yes Link to Access Content: <input checked="" type="checkbox"/> No Availability Date: 17 th Sept (Tool Kit Manual) and Oct'23 for PH/FG
Curriculum Creation Date	13-09-2023
Curriculum Valid Up to Date	(Co-terminus with the PM Vishwakarma Scheme subject to midway changes in the qualification)

Module Details

Overview of PM Vishwakarma Scheme

S. No	Module Name	Learning Outcomes	Training Duration (Hours)			Delivery Methodology	Tool/Equipment Required
			Theory	Practical	OJT		
1	Introduction to PM Vishwakarma scheme	<ul style="list-style-type: none"> Hon'ble Prime Minister's vision for artisans and craftspeople, who work with their hands and tools, are usually self-employed and are generally considered to be a part of the informal or unorganized sector of the economy Understanding of the scheme objective - to improve the quality and reach to ensure that the Vishwakarmas are integrated with the domestic and global value chains. Explain the scheme components: <ul style="list-style-type: none"> Recognition: PM Vishwakarma Certificate and ID Card Skill Upgradation Toolkit Incentive Credit Support Incentive for Digital Transactions Marketing Support List the 18 trades covered under the scheme 	0:30	0:00	0:00	Video	Mobile Phone with Sim and internet connection
2	Benefits under PM Vishwakarma Scheme	<ul style="list-style-type: none"> Importance of the PM Vishwakarma Certificate and ID Card, emphasizing their role in giving artisans a unique identity and validating their skills and legacy Highlight the core aim of Basic Training to enable the Vishwakarmas to improve their skill levels 	01:00	0:00	0:00	Video	Mobile Phone with Sim and internet connection

		<p>through exposure to modern tools and best practices, designs, introduction to the larger value chain of the sector; digital, financial, and soft skills; and imbibed with marketing and entrepreneurial knowledge</p> <ul style="list-style-type: none"> • Discuss the importance of digital and financial literacy in today's era and how these open new avenues. • Offer insights into the various ways the 1 lakh loan can be utilized for buying advanced tools, attending specialized workshops, or setting up a small workspace. • Highlight the core aim of Advanced Training: discuss the transition from an artisan to an entrepreneur, hands-on training on advanced tools. • Discuss the option for availing 2 lakh loan and the potential areas of its investment • Discuss the importance of self-assessment: to check their achievements against the identified goals and upskill to stay updated in one's craft and business. • Understand the credit and market support provided under the scheme. 					
3	Processes and Procedures	<ul style="list-style-type: none"> • Discuss the complete application procedure, including where and how to apply. • Explain how the scheme will reach out to them for various skill-enhancing opportunities. • Elaborate on market support. • The Scheme envisages to incentivize digital transactions undertaken importance of digital 	0:30	0:00	0:00	Video	Mobile Phone with Sim and internet connection

		<p>transactions and the incentives they would receive for adopting this modern method.</p> <ul style="list-style-type: none"> • List other Government schemes which may cater to their various requirements. • Facilitate linking the beneficiaries with the suitable exporters and traders operating under this sector 						
		Total – Duration (Hours)	02:00	0:00	0:00			
		Grand Total Duration (Hours)	02:00					

Upskilling on working with the listed modern Tool- kit for Boat Maker to perform operations using modern tools

Sn	Module Name	Learning Outcomes	Training Duration (Hours)			Delivery Methodology	Tool/Equipment Required	
			Theory	Practical	OJT			
1	Upskilling on working with the listed modern Tool- kit for Boat Maker to perform operations using modern tools	<ul style="list-style-type: none"> Define modern power tools and their significance in boat making. Define a hand cutter and its uses. Demonstrate safe and efficient hand cutter operation. Perform maintenance and blade replacement for Hand Cutter. Explain the definition and purpose of a hand grinder. Safely use a hand grinder for various tasks. Perform maintenance and accessory changes for hand grinder. Define the purpose and components of a drill machine set. Operate drill machines for precise holes and fastenings. Conduct maintenance and accessory changes for drill machine. 	01:30	12:00	0:00	AVs, Demonstration, Individual & group activities, role play, etc.	Power Tools as per the size of the batch. For each group of 4-5 we'll need: 1 – Hand Cutter 1 – Hand Grinder 1 – Drill machine set 1- Pair of F-clamps 1- Working bench 4 Safety Gear set (glasses, gloves, ear plugs & shoes) 1 maintenance kit (brushes, cloth, lubrication, etc.) 1 – Plywood sheet '8 x 4 2-3 Wooden Planks (min height 600 mm, thickness min 25 mm)	
2	Personal Protective/ Safety Gears	<ul style="list-style-type: none"> Identify and use appropriate safety gear. Explain the importance of safety gear and personal protective equipment. Apply ergonomic principles to reduce strain and enhance efficiency 	0:30	01:00	0:00	Demonstration, Group activities, Role play, etc.	Safety gear set as mentioned above	
		Total – Duration (Hours)	02:00	13:00	0:00			
		Grand Total Duration (Hours)					15:00	

Digital Literacy

S. No	Module Name	Learning Outcomes	Training Duration (Hours)			Delivery Methodology	Tool/Equipment Required
			Theory	Practical	OJT		
1	Basics of using mobile phones (Feature phones and Smart Phones)	<ul style="list-style-type: none"> Learners will be able to identify parts of a feature phone and smart phone. Switch on and off the mobile phone, charge, and insert a SIM card. Importance of keeping same phone number, especially for government schemes, banking, Aadhaar, etc. Configure phone settings such as setting passwords, savings and transferring contacts, adjusting display, volume, mobile data, hotspot, back up, etc. Transfer data from one mobile to another, recharge phones. Demonstrate how to use basic features of a phone, e.g., capturing photos and videos, dictation, and voice recording. 	0:30	01:30	0:00	Classroom	Mobile Phone with Sim and internet connection
2	Using Basic Internet and mobile applications (Apps)	<ul style="list-style-type: none"> Install and configure applications such as WhatsApp, Gmail, Google Maps, PayTM, and other social media applications such as Facebook and YouTube. Set up a Gmail and other social media accounts. Geo-tag locations such as workplace, shop etc. Use platforms for skilling and learning, including government portals. Basics of online shopping and using digital payment modes such as PayTM, credit card 	0:40	01:30	0:00	Classroom	Mobile Phone with Sim and internet connection

S. No	Module Name	Learning Outcomes	Training Duration (Hours)			Delivery Methodology	Tool/Equipment Required	
			Theory	Practical	OJT			
3	Privacy and security related to Internet and mobile phones	<ul style="list-style-type: none"> • Use social media responsibly and securely • Safeguard mobile phones and data by using passwords, not clicking on suspicious links, and sharing data securely. • Protection from cyber frauds and scams. 	0:20	0:30	0:00		Mobile Phone with Sim and internet connection	
		Total – Duration (Hours)	01:30	03:30	0:00			
		Grand Total Duration (Hours)	05:00					

Financial Literacy

S. No	Module Name	Learning Outcomes	Training Duration (Hours)			Delivery Methodology	Tool/Equipment Required
			Theory	Practical	OJT		
1	Importance of being financially literate	<ul style="list-style-type: none"> Understand simple financial terms such as payments, receipts, income, expenses, etc. Know about business related financial transactions for taking decisions Setting short term, medium term, and long-term financial goals Understand the importance of savings and expenses 	0:15	0:25	0:00	Classroom /Online	White Board, Marker, Duster, Audio System Projector, Projector Screen Laptop, Internet Connectivity
2	Process of opening and operating a bank account	<ul style="list-style-type: none"> Difference between savings and current account Process of opening a bank account Know-about required KYC documents like Aadhaar, PAN, GST, MSME certificate etc. Operate and manage bank accounts 	0:20	0:30	0:00	Classroom /Online	White Board, Marker, Duster, Audio System Projector, Projector Screen Laptop, Internet Connectivity
3	Applying and managing loans	<ul style="list-style-type: none"> Understanding of secured and unsecured loans Process of applying for loans. Understanding the repayment schedule of the loan based on the interest rate and duration Impact of delayed payment of loan installment 	0:20	0:50	0:00	Classroom /Online	White Board, Marker, Duster, Audio System Projector, Projector Screen Laptop, Internet Connectivity
4	Using Digital Tools for receipts and payments	<ul style="list-style-type: none"> Using UPI for digitally receiving and making payments Using QR Codes for digitally receiving and making payments 	0:10	0:25	0:00	Classroom /Online	White Board, Marker, Duster, Audio System Projector, Projector Screen Laptop, Internet

S. No	Module Name	Learning Outcomes	Training Duration (Hours)			Delivery Methodology	Tool/Equipment Required	
			Theory	Practical	OJT			
		<ul style="list-style-type: none"> Use internet and mobile banking for fund transfer and payment Perform transactions using ATM cum debit cards and credit cards, Rupay Card, etc. 					Connectivity, smart mobile phone, basic mobile phone	
5	Selecting savings and insurance products	<ul style="list-style-type: none"> Explain different saving products Select appropriate saving products Explain different types of insurance plans and products 	0:15	0:25	0:00	Classroom /Online	White Board, Marker, Duster, Audio System Projector, Projector Screen Laptop, Internet Connectivity	
6	Preparing and Maintaining Bahi-Khata (Book-keeping)	<ul style="list-style-type: none"> Creating accounts for Bahi- Khata (Book-keeping) Maintain Bahi-Khata Prepare income statement 	0:15	0:30	000	Classroom /Online	White Board, Marker, Duster, Audio System Projector, Projector Screen Laptop, Internet Connectivity	
7	Awareness and prevention of financial frauds	<ul style="list-style-type: none"> Identify potential fraudulent transactions. Apply preventive measures to avoid financial frauds. 	0:10	0:00	0:00	Classroom (Case Study) /Online	Case Study	
8	Filing complaints on business related issues with appropriate authority	<ul style="list-style-type: none"> Reporting of fraud to the appropriate authority Follow the procedure of lodging a complaint with a consumer court, Lokpal, CPGRAMS etc. 	0:10	0:00	0:00	Classroom /Online	White Board, Marker, Duster, Audio System Projector, Projector Screen Laptop, Internet Connectivity	
		Total – Duration (Hours)	01:45	03:15	0:00			
		Grand Total Duration (Hours)					05:00	

Marketing and Branding

S. No	Module Name	Learning Outcomes	Training Duration (Hours)			Delivery Methodology	Tool/Equipment Required
			Theory	Practical	OJT		
1	Introduction to Marketing and Branding	<ul style="list-style-type: none"> • Explain the meaning of sales, marketing, and branding. • Explain the importance of obtaining quality certifications from the relevant authorities for products and services (ISI mark, Agmark, Hallmark etc.) • Using photographs and videos for building the brand identity. • Using social media platforms to advertise and market products and services • Prepare and circulate an advertisement on WhatsApp application with geotagged videos and pictures • Using media such as pamphlets, brochures, banners etc. to reach out to customers • Make use of local festive seasons, trade fairs and special occasions to promote products and services through promotional offers. 	00:45	02:00	0:00	In-class training & demonstration	Smart phones with social media access, model banners, product catalogues standees, brochures, flyers, computer laptop with internet access, professional camera to shoot photos and videos, case studies and stories and photographs relevant to brand building, videos on tutorials to illustrate the best practices for clicking photographs and creating videos of products for promotion. <i>(Refer Annexure: Marketing and Branding)</i>
2	Building Customer Relations	<ul style="list-style-type: none"> • Demonstrate how to be well groomed and be presentable • Identify the precise needs of the customers • Features and benefits of products and services that meet the needs of the customers • Importance of customer feedback 	00:15	01:00	0:00	In-class training & demonstration	

S. No	Module Name	Learning Outcomes	Training Duration (Hours)			Delivery Methodology	Tool/Equipment Required
			Theory	Practical	OJT		
		<ul style="list-style-type: none"> Explain how building long-term relationships with customers helps increase profitability in business. Prepare incentive plans, deals, offers etc. for regular customers 					
3	Physical and Digital marketplaces	<ul style="list-style-type: none"> Identify appropriate marketplaces to sell the products and services Explain Physical marketplace <ul style="list-style-type: none"> Setting up shops, stalls in melas, exhibitions, trade fairs etc. Door to door sale of products and services Explain Digital marketplace <ul style="list-style-type: none"> Explain how to register and list on an online marketplace such as Amazon, Flipkart, Urban-company etc. Using social media for selling products and services 	00:30	01:00	0:00	In-class training & demonstration	Laptop/ Computer and printer with internet access and access to online marketplace, e-commerce websites, online seller registration formats and guideline documents pictures to illustrating attractive promotional stalls in trade fairs/ exhibitions, sample products, training videos to demonstrate packaging and shipping of products.
4	Success stories of doing collective business	<ul style="list-style-type: none"> Benefits of collectively doing business How to form a Self-Help Group, clusters etc. Describe best practices of the organizations like “Amul”, “Lijjat”, “Javed Habib” etc. 	00:30	00:30	0:00	In-class training	Case studies and stories relevant to cooperative movements.
		Total – Duration (Hours)	02:00	04:30	0:00		
		Grand Total Duration (Hours)	06:30				

Self-Employment

S. No	Module Name	Learning Outcomes	Training Duration (Hours)			Delivery Methodology	Tool/Equipment Required	
			Theory	Practical	OJT			
1	Introduction to Self-Employment	<ul style="list-style-type: none"> Understanding self-employment and its benefits Identify and categorize various types of self-employments 	00:10	0:00	0:00	Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection	
2	Making a plan for Small Business	<ul style="list-style-type: none"> Make a business plan for a small business that defines goals, customers, costs, competitors, resource utilization etc. Plan the Utilization of Rs. 1 lakh loan amount efficiently Understanding of the legal permissions, permits, licenses, and registrations necessary for starting and operating a small business from a local authority 	00:20	01:00	0:00	Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection	
3	Managing and Expanding Business	<ul style="list-style-type: none"> Effective use of resources such as labour, raw materials, money, and tools & machinery using the loan fund. Learning how to increase sales, maintain quality of products and services 	00:30	01:00	0:00	Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection	
4	Knowing Government schemes and using ecommerce platforms	<ul style="list-style-type: none"> Understanding of relevant government schemes for small businesses and self-employed individuals and its Terms and Conditions Explore e-commerce platforms such as ONDC, Amazon, IndiaMart, Urban Clap, Yes Madam, etc. and learn to register as a vendor 	00:30	01:30	0:00	Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection	
		Total – Duration (Hours)	01:30	03:30	0:00			
		Grand Total Duration (Hours)					05:00	

Feedback and Interactive Session

S. No	Module Name	Learning Outcomes	Training Duration (Hours)			Delivery Methodology	Tool/Equipment Required
			Theory	Practical	OJT		
1	Feedback and Interactive Session	<ul style="list-style-type: none"> • Feedback from learners on skill upgradation • Feedback from learners on how the scheme will provide support for better and modern tools to enhance the capacity, productivity and quality of products. • Feedback from learners on how the scheme will provide the beneficiaries an easy access to collateral free credit and interest subvention. • Feedback from learners on how the scheme will provide incentives for digital transactions to encourage the digital empowerment. • Feedback from learners on how the scheme will provide a platform for brand promotion and market linkages to help them access new opportunities for growth. 	00:45	00:45	0:00	Offline	NA
		Total – Duration (Hours)	00:45	00:45	0:00		
		Grand Total Duration (Hours)	01:30				

Trainer and Assessor Requirements

1.	<p>Trainer’s Qualification and experience in the relevant sector (in years)</p>	<p>Domain Trainer:</p> <ul style="list-style-type: none"> a) <i>ITI Instructors from Directorate General of Training (DGT) ecosystem who have preferably worked in the industry and have technical know-how about the operations of the modern listed tools in relevant trades</i> b) <i>Certified trainers from the NCVET recognized Awarding Bodies</i> c) <i>Working professionals from the industry or clusters who have good knowledge and experience about the working/ operations of the listed modern tools in the relevant trades</i> <p>Life Skills Trainer:</p> <ul style="list-style-type: none"> a) <i>ITI Instructors from Directorate General of Training (DGT) ecosystem*</i> b) <i>Certified trainers from the recognized Awarding Bodies*</i> <p>*Mandatory Training of Trainers (ToT) of existing certified trainers on employability and entrepreneurship skills modules</p> <p>District-wise list of trainers/ Assessors is to be identified and made available</p>
2.	<p>Assessor’s Qualification and experience in relevant sector (in years)</p>	<p>Assessor:</p> <ul style="list-style-type: none"> a) <i>Certified Assessors of the recognized Assessment Agencies</i> b) <i>Certified trainers may also get certified as an Assessor to conduct assessments in relevant trades (A Trainer can also act as an Assessor for a different location)</i>

Glossary & Acronyms

Glossary

Term	Description
AA	Assessment Agency
AB	Awarding Body
NCrF	National Credit Framework
NOS	National Occupational Standard(s)
NQR	National Qualification Register
NSQF	National Skills Qualifications Framework

Acronyms

Acronym	Description
National Occupational Standards (NOS)	NOS define the measurable performance outcomes required from an individual engaged in a particular task. They list down what an individual performing that task should know and also do.
Qualification	A formal outcome of an assessment and validation process which is obtained when a competent body determines that an individual has achieved learning outcomes to given standards
Qualification File	A Qualification File is a template designed to capture necessary information of a Qualification from the perspective of NSQF compliance. The Qualification File will be normally submitted by the awarding body for the qualification.
Sector	A grouping of professional activities on the basis of their main economic function, product, service or technology.