

## COMPETENCY BASED CURRICULUM

**PM Vishwakarma**

**Goldsmith (Sunar)- Advance**

**Version: 1.0**

**Submitted By: Gem & Jewellery Skill Council of India**

**Business Facilitation Centre, 4th Floor, Special Economic Zone, Andheri (E). Mumbai 400 096**

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## PM Vishwakarma Qualification Details

<b>Vishwakarma Qualification Name</b>	<b>Senior Goldsmith (Varishtha Sunar)</b>
<b>Sector Name</b>	<b>Gem and Jewellery Skill Council of India</b>
<b>Job role Description</b>	Goldsmith (Sunar) is the name of the community and is derived from the word Sona meaning Gold and people who work with gold are called Sunar or Sonar or Swarnkar or Goldsmiths or Silversmiths. A Varishtha Sunar or Senior Goldsmith is a metalworker who specializes in working with precious metals like Gold and silver. Goldsmith (Sunar) is proficient in making intricate jewellery pieces using complex finishing or decorating techniques or processes like Mass finishing, plating, etc.
<b>Trainee's Entry Profile</b> ( <i>Specify as per applicable variants</i> )	Identified beneficiaries under Advanced Phase of PM Vishwakarma Scheme
<b>Content availability</b>	<input checked="" type="checkbox"/> <b>Yes</b> <b>Link to Access Content:</b>  <input type="checkbox"/> <b>No</b> <b>Availability Date: by 30<sup>th</sup> June 2024</b>
<b>Curriculum Creation Date</b>	15 <sup>th</sup> May 2024
<b>Curriculum Valid Up to Date</b>	(Co-terminus with the PM Vishwakarma Scheme subject to midway changes in the qualification)

## Module Details

### Usage of New Machinery/ Tools/ Equipment

S. No	Module Name	Learning Outcomes	Training Duration (Hours)			Delivery Methodology	Tool/Equipment Required (if applicable)
			Theory	Practical	OJT		
1.	Usage of any new machinery/tools/equipment	<ul style="list-style-type: none"> <li>Describe the workflow and processes involved in the manufacturing of handmade jewellery</li> <li>List personal protective equipment like safety gloves, glasses, shoes, and mask used at the workplace</li> <li>Demonstrate the use of personal protective equipment like safety gloves, glasses, shoes, and mask used at the workplace</li> <li>Demonstrate the preparation of raw material consumables and tools before various component-making and finishing equipment's</li> <li>Demonstrate the use of advanced tools like doming block with punches, grooving/ forming block, etc.</li> <li>Demonstrate the use ear piercing gun.</li> <li>Demonstrate the use of advanced plating equipment like Pen rhodium.</li> <li>Demonstrate the use mass finishing equipment, Magnetic polisher.</li> <li>Demonstrate the use of dust collector machine for better metal loss control</li> <li>Demonstrate the use of measuring gauges like Digital Vernier Calliper, Digital weighing balance, etc.</li> </ul>	10:00	35:00	NA	Classroom and Lab	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection, Artisans Work Bench with Air Suction / Dust Collector mechanism, Magnetic Polisher, Pen Rhodium Set Up with Plating consumables, Ear Piercing Gun, Small Rolling mill Machine, Wire drawing Machine

		<ul style="list-style-type: none"> <li>• Demonstrate the use of wire drawing machine and prepare wire of different gauges and cross-section</li> <li>• Demonstrate the use of rolling machine to make sheets of different gauges</li> <li>• List various quality checkpoints before final product delivery</li> <li>• Describe activities related to the maintenance of various machines, tools and equipment used during jewellery-making</li> </ul>					
		<b>Total – Duration (Hours)</b>	<b>10:00</b>	<b>35:00</b>	<b>NA</b>		
		<b>Grand Total Duration (Hours)</b>	<b>45:00</b>				

### Entrepreneurship Skills, Design Workshops and Bureau of Indian Standards (BIS) Modules

S. No	Module Name	Learning Outcomes	Training Duration (Hours)			Delivery Methodology	Tool/Equipment Required (if applicable)
			Theory	Practical	OJT		
1.	Employability Skills	<ul style="list-style-type: none"> <li>Discuss the Employability Skills required for jobs in various industries</li> <li>List different learning and employability related GOI and private portals and their usage</li> </ul>	0:5	2:00		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection
2.	Becoming a Professional in the 21st Century	<ul style="list-style-type: none"> <li>Discuss importance of relevant 21st century skills.</li> <li>Exhibit 21st century skills like Self-Awareness, Behavior Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn etc. in personal or professional life.</li> <li>Describe the benefits of continuous learning.</li> </ul>	0:5	1:00		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection
3.	Basic English Skills	<ul style="list-style-type: none"> <li>Show how to use basic English sentences for everyday conversation in different contexts, in person and over the telephone</li> <li>Read and interpret text written in basic English</li> <li>Write a short note/paragraph / letter/e - mail using basic English</li> </ul>	2:00	2:00		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection

S. No	Module Name	Learning Outcomes	Training Duration (Hours)			Delivery Methodology	Tool/Equipment Required (if applicable)
			Theory	Practical	OJT		
4.	Communication Skills	<ul style="list-style-type: none"> <li>Demonstrate how to communicate effectively using verbal and nonverbal communication etiquette.</li> <li>Explain the importance of active listening for effective communication</li> <li>Discuss the significance of working collaboratively with others in a team</li> </ul>	1:00	1:00		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection
5.	Entrepreneurship	<ul style="list-style-type: none"> <li>Explain the types of entrepreneurship and enterprises</li> <li>Discuss how to identify opportunities for potential business, sources of funding and associated financial and legal risks with its mitigation plan</li> <li>Describe the 4Ps of Marketing-Product, Price, Place and Promotion and apply them as per requirement</li> <li>Create a sample business plan, for the selected business opportunity</li> </ul>	2:00	4:00		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection
6.	Customer Service	<ul style="list-style-type: none"> <li>Describe the significance of analyzing different types and needs of customers</li> <li>Explain the significance of identifying customer needs and responding to them in a professional manner.</li> <li>Discuss the significance of maintaining hygiene and dressing appropriately</li> </ul>	1:00	1:00		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection

S. No	Module Name	Learning Outcomes	Training Duration (Hours)			Delivery Methodology	Tool/Equipment Required (if applicable)
			Theory	Practical	OJT		
7.	Introduction to Hallmarking guidelines by Bureau of Indian standards	<ul style="list-style-type: none"> <li>Describe the Hallmarking scheme</li> <li>Explain the guidelines for the grant, operation, surveillance and cancellation of certificate of registration of jewelers</li> <li>Explain the Procedure for Obtaining Registration by Jeweller for Sale of Hallmarked Jeweller / Artefacts</li> <li>List of Assaying and Hallmarking process carried out in the Assaying and Hallmarking labs</li> </ul>	08:00	00:00		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection
8	Introduction to Jewellery designing	<ul style="list-style-type: none"> <li>History of Jewellery- eras and art movements</li> <li>Various traditional Indian Jewellery</li> <li>Standard Sizes and parameters of jewellery products</li> <li>Explain basic jewellery design principles</li> <li>Describe various types of unusual stone settings</li> <li>Describe various types of Gemstones used in jewellery.</li> <li>Explain the different types of jewellery technical drafting</li> <li>Explain the latest jewellery trends in the domestic as well as international market</li> </ul>	04:00	00:00			White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection



S. No	Module Name	Learning Outcomes	Training Duration (Hours)			Delivery Methodology	Tool/Equipment Required (if applicable)
			Theory	Practical	OJT		
		<ul style="list-style-type: none"> <li>List various known jewellery brands in the domestic as well as international market</li> </ul>					
		<b>Total – Duration (Hours)</b>	<b>19:00</b>	<b>11:00</b>	<b>NA</b>		
		<b>Grand Total Duration (Hours)</b>	<b>30:00</b>				

### Advanced Digital Skills

S. No	Module Name	Learning Outcomes	Training Duration (Hours)			Delivery Methodology	Tool/Equipment Required (if applicable)
			Theory	Practical	OJT		
1.	Advanced features of using mobile phones (Smart Phones)	<ul style="list-style-type: none"> <li>Learn to securely use the mobile phone by locking/unlocking phone/apps using various options like face recognition, fingerprint, etc.</li> <li>Learn to use different mobile apps, QR code scanners, editing tools, Google assistant, meeting apps like Teams, etc.</li> <li>Learn to access and manage documents stored in different folders in phone. E.g. File folder, download folder etc.</li> <li>Manage phone memory and data usage.</li> <li>Learn to access, store, and share documents using Google Drive on your phone.</li> </ul>	1.5 hours	1.5 hours		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection
2.	Using advanced Internet and mobile applications (Apps)	<ul style="list-style-type: none"> <li>Learn how to keep mobile apps secure.</li> <li>Learn to secure apps installed on phone.</li> <li>Learn about the rules and regulations of different mobile apps.</li> <li>Understand to increase the business outreach via using different mobile application features.</li> <li>Learn about the tailor-made apps suitable for various business applications like calculation apps, inventory management apps etc.</li> </ul>	3 hours	4 hours		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection
3.	Privacy and security related to Internet and mobile phones	<ul style="list-style-type: none"> <li>Understand privacy and manage profiles.</li> <li>Understand about Spam calls</li> <li>Learn about safe browsing practices.</li> <li>Learn about the importance of reporting online harassment and cyberbullying.</li> </ul>	2 hours	3 hours		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection

		<ul style="list-style-type: none"><li>Learn about the advancement in technology using Gen-AI tools.</li></ul>					
			6.5 Hours	8.5 Hours			
		<b>Grand Total Duration (Hours)</b>	<b>15 Hours</b>				

**Advanced Financial Skills**

S. No	Module Name	Learning Outcomes	Training Duration (Hours)			Delivery Methodology	Tool/Equipment Required (if applicable)
			Theory	Practical	OJT		
1.	<b>Importance of Being Financial Literate</b>	<ul style="list-style-type: none"> <li>Identify long-term and short-term assets, liabilities, investments, etc.</li> <li>Use types of payment methods such as Cheques, UPI, RTGS, NEFT etc</li> <li>Use mobile applications and online platforms to track expenses and manage financial goals (YONO).</li> <li>Understand the benefits of various Government schemes such as Pradhan Mantri Jan Dhan Yojana, Jeevan Jyoti Bima Yojana, Suraksha Bima Yojana, Sukanya Samriddhi Yojana, National Pension Scheme (NPS), Atal Pension Yojna (APY)</li> </ul>	1.00 Hr	1.00 Hr		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection
2.	<b>Managing bank account</b>	<ul style="list-style-type: none"> <li>Differentiate various banking services offered by bank such as transfer-receipt of money, deposit-withdrawal etc.</li> <li>Use and Operate ATM, Deposit Cash/ Cheque through machines or manually</li> <li>Visit local bank branch to operate and manage bank accounts</li> <li>Handle mobile banking and net banking to operate and manage bank accounts</li> <li>Aware of safety measurement to be taken while managing bank accounts</li> </ul>	1.00 Hr	1:25 Hr		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection

3.	<b>Managing Loans</b>	<ul style="list-style-type: none"> <li>• Differentiate various types and features of secured and unsecured loans</li> <li>• Select appropriate type of loan as per need, purpose, and loan terms and conditions</li> <li>• Identify appropriate loan repayment structure based on the interest rate and duration.</li> <li>• Have knowledge of legal procedure for resolving delay/ default in payment of loan instalment</li> </ul>	1.25 Hr	1.50 Hr		<b>Classroom</b>	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection
4.	<b>Basic Understanding of taxes</b>	<ul style="list-style-type: none"> <li>• Differentiate types of taxes such as Income tax, Goods and Services Tax (GST), etc.</li> <li>• Explain simple terms related to taxation such as taxable income, tax rates, Tax Deductible at Source (TDS), Value of Goods etc.</li> <li>• Have clarity on important concepts and applicability of income tax and GST</li> <li>• Understand the Basic guidelines for filing income tax and GST returns, including deadlines</li> </ul>	1.50 Hr	2.00 Hr		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection
5.	<b>Using advanced features of Digital Payment Applications</b>	<ul style="list-style-type: none"> <li>• Able to install and configure Digital Payment Applications</li> <li>• Use advanced features of Digital Payment Applications such as wallets, bill payments, recharge etc.</li> <li>• Complete transactions using Digital Payment Applications such as UPI, RTGS, NEFT, IMPS etc.</li> </ul>	1.25 Hr	2.00 Hr		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection

6.	<b>Awareness and Prevention of Financial Frauds</b>	<ul style="list-style-type: none"> <li>• Able to identify common online financial frauds and spams and associated potential risks</li> <li>• Use safe and ethical practices for securing online transactions</li> </ul>	0.50 Hr	0.75 Hr		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection
			<b>6.50 Hrs</b>	<b>8.50 Hrs</b>			
		<b>Grand Total Duration (Hours)</b>	<b>15 Hours</b>				

### Advanced Marketing and Outreach Skills

S. No	Module Name	Learning Outcomes	Training Duration (Mins/ Hours)			Delivery Methodology	Tool/Equipment Required (if applicable)
			Theory	Practical	OJT		
1	Marketing and Customer Insights	<ul style="list-style-type: none"> <li>• Conduct marketing activities for artisan products.</li> <li>• Evaluate customer feedback to improve product offerings and marketing strategies.</li> </ul>	1 hours	2 hours		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection
2	Quality Assurance and Certification in Craftsmanship	<ul style="list-style-type: none"> <li>• Obtain relevant quality certifications such as ISI mark, Agmark and Hallmark.</li> <li>• Manage product quality as per quality standards.</li> </ul>	1 hours	1 hours		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection

3	Brand Development and Promotion Strategies	<ul style="list-style-type: none"> <li>Understand brand identity to enhance sales and promotion.</li> <li>Promote products through Social media and digital marketing.</li> <li>Leverage National Marketing Committee support in operations and logistics.</li> </ul>	1 hours	2 hours		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection
4	E-Commerce Management for Artisans	<ul style="list-style-type: none"> <li>Onboarding e-commerce platform.</li> <li>Understand process of cataloguing the products and services of Vishwakarmas</li> <li>Apply strategies for e-commerce linkage with GeM, Khadi India, MSME Mart.</li> </ul>	1 hours	2 hours		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection
5	Building Trade Network for Craft Business	<ul style="list-style-type: none"> <li>Use digital marketing for wider reach and publicity of the Vishwakarma Scheme.</li> <li>Identify and collaborate with relevant Industry Bodies.</li> <li>Create links with suitable exporters and traders operating under the sector.</li> </ul>	1 hours	1 hours		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection
6	Trade Fairs and Exhibitions	<ul style="list-style-type: none"> <li>Participate in trade fairs, exhibitions related to the products.</li> <li>Set up collective display of PM Vishwakarma Products to associations of the artisan groups.</li> </ul>	1 hours	1 hours		Classroom	White board, marker, duster, handbooks, Screen, Computer, Projector, Mobile phone, Internet connection
		<b>Grand Total Duration (Hours)</b>	<b>15 Hours</b>				

## Trainer and Assessor Requirements

(As per requirement)

1.	<b>Trainer's Qualification and experience in the relevant sector (in years)</b>	<p><b>Domain Trainer:</b></p> <ul style="list-style-type: none"> <li>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></li> <li>b) <i>Certified trainers from the NCVET recognized Awarding Bodies</i></li> <li>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></li> </ul> <p><b>Life Skills Trainer:</b></p> <ul style="list-style-type: none"> <li>a) <i>ITI Instructors from Directorate General of Training (DGT) ecosystem*</i></li> <li>b) <i>Certified trainers from the recognized Awarding Bodies*</i></li> </ul> <p><b>*Mandatory Training of Trainers (ToT) of existing certified trainers on employability and entrepreneurship skills modules</b></p> <p><b>District-wise list of trainers/ Assessors is to be identified and made available</b></p>
2.	<b>Assessor's Qualification and experience in relevant sector (in years)</b>	<p><b>Assessor:</b></p> <ul style="list-style-type: none"> <li>a) <i>Certified Assessors of the recognized Assessment Agencies</i></li> </ul>



<p><i>(Preference – Vishwakarma Trainer in relevant trades will be onboarded on assessments for becoming Certified Assessors / Certified Assessors in relevant trade. Certified assessor will also take the Life Skills Module assessment.)</i></p>	<p><i>b) 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></p>
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## Glossary & Acronyms

*(As per requirement)*

### Glossary

Term	Description
<b>National Occupational Standards (NOS)</b>	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.
<b>Qualification</b>	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
<b>Qualification File</b>	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.
<b>Sector</b>	A grouping of professional activities on the basis of their main economic function, product, service or technology.

### Acronyms

Acronym	Description
NCrF	National Credit Framework
NSQF	National Skills Qualification Framework
OJT	On -the -Job Training

