





QUALIFICATION FILE – Standalone NOS

Nano Entrepreneurship in Car Washing Service

□ Horizontal/Generic ⊠ Vertical/Specialization

□ Upskilling □ Dual/Flexi Qualification ⊠ For ToT □ For ToA

NCrF/NSQF Level: 3

NOS Code: IID/N0051

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Section 1: Basic Details

1.	NOS-Qualification Name	Na	Nano Entrepreneurship in Car Washing Service				
2.	Sector/s	Sei	Service Sector, Entrepreneurship Sector, and Automobile Sector				
3.	Type of Qualification 🛛 New 🗆 Revised	NÇ	QR Code	& version of	Qua	lification Name of existing/previous	
		exi	sting/pre	evious qualification: N/A	version: N/A		
4.	National Qualification Register (NQR) Code & Version (Will be issued after NSQC approval.)	NG	3-03-AU-	02555-2024-V1-SAMITI	5. I	NCrF/NSQF Level: 3	
6.	Brief Description of the Standalone NOS	The Nano Level Qualification for Entrepreneurship in Car Washing is designed to equip individuals with the skills and knowledge required to establish and manage small-scale car washing businesses. This qualification focuses on the practical aspects of car washing, including proper washing techniques, use of cleaning agents, and equipment maintenance. It also covers essential business management concepts such as budgeting, scheduling, inventory management, and customer service. Participants will learn marketing and sales strategies to attract and retain customers, as well as sustainable practices to ensure a no to low environmental impact.					
7.	Eligibility Criteria for Entry for a	a.	Entry Q	ualification & Relevant Experience	ce:		
	Student/Trainee/Learner/Employee		S. No.	Academic/Skill Qualification Specialization - if applicabl		Required Experience (with Specialization - if applicable)	
			1	Class 8 Pass		3 Years of Experience	
					or		
			2	Class 10 Pass		NA	
					or	1	
			3	NSQF Level 2 in relevant field		3 Years of Experience	
		Age: 18					
8.	Credits Assigned to this NOS-Qualification, Subject to Assessment	2 9. Common Cost Norm Category (Common Cost Norm Category (I/II/III)		
	(as per National Credit Framework (NCrF))				((wherever applicable): Category III	
10.	Any Licensing Requirements for Undertaking Training on This	N/4	4				
	Qualification (wherever applicable)						

11.	Training Duration by Modes of Training Delivery (Specify Total	□ Offline □ Online							
	Duration as per selected training delivery modes and as per requirement of the qualification)	Training Delivery Modes		Theory (Hours)	Practical (Hours)	Total (Hours)			
		Onli	ne Lecture	es			40	0	40
		Prac Surv		ork Experience	/ Apprenticeship / P	roject Work	0	20	20
		Tota	2				40	20	60
12.	Assessment Criteria		•					1	1
			neory	Practical	Project	Viva	Total	Passing	
			arks)	(Marks)	· · · · · · · · · · · · · · · · · · ·	(Marks)	(Marks)	(%)	
			80	120	120	80	400	50	
10									
13.	Is the NOS Amenable to Persons with Disability		es 🖾 No	o If "Yes", spe	cify applicable ty	pe of Disabi	lity:		
14.	Progression Path After Attaining the Qualification, wherever					Occ	upation		
	applicable (Please show Professional and Academic progression)	NSQF level			l at Entry NSQ)F level attained after STT		
		No. Level 2		12	Level 3				
		1		Pass with 3 of Experience	No Occupation	Nano Entr Service	repreneursł	nip in Car V	ashing
		2	Class 1	0 Pass	No Occupation	Nano Entr Service	repreneursł	nip in Car V	ashing
		3	relevan	Level 2 in t field with 3 of Experience	Automotive Washer	Nano Entr Service	repreneursh	nip in Car W	ashing
15.	How participation of women will be encouraged?	Preference for Women Entrepreneurs in various Government Schemes like PM India.				PMEGP and	l Stand-Up		
		• Additional Subsidy to Women in PMEGP and Many CMEGP Schemes.							
		- Aut	unional St	ibsidy to wonic		my childri	o en en est		

16.	Other Indian languages in which the Qualification & Model	N/A	
	Curriculum are being submitted		
17.	Is similar NOS available on NQR-if yes, justification for this	🗆 Yes 🛛 No URLs of similar Qualifica	tions:
	qualification		
18.	Name and Contact Details Submitting / Awarding Body SPOC	Name: Samadhan Samiti	
	(In case of CS or MS, provide details of both Lead AB & Supporting ABs)	Email: monilyadav@samadhan.group	Contact No.: +91-8595940536
		Website: https://www.iid.org.in	
19.	Final Approval Date by NSQC: 30 th May 2024	20. Validity Duration: Three Years	21. Next Review Date: 29 May 2027

Section 2: Training Related

1.	Trainer's Qualification and experience in the relevant sector (in years) (as per NCVET guidelines)	MBA with Bachelor's Degree in Automobile or Mechanical Engineering from UGC Recognized University with more than 5 years of business or consultancy experience in the relevant field. OR 12 th Pass with relevant Industry experience of 10 years. OR Graduate with relevant Industry experience of 7 years. OR Entrepreneurs in relevant fields with 7 Years of experience.
2.	Master Trainer's Qualification and experience in the relevant sector (in years) (as per NCVET guidelines)	MBA with bachelor's degree in Automobile or Mechanical Engineering from UGC Recognized University with more than 7 years of business experience in the relevant field.
3.	Tools and Equipment Required for the Training	\boxtimes Yes \Box No (If "Yes", details to be provided in Annexure)
4.	In Case of Revised NOS, details of Any Upskilling Required for Trainer	N/A

1.	Assessor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	Technical: Assessment shall be carried out by NCVET-recognized Assessors having MBA with bachelor's degree in Automobile or Mechanical Engineering from UGC Recognized University with 3 years of experience in relevant qualification.	
	8	and	
		Domain: Entrepreneurs with 5 years of experience in relevant filed.	
2.	Proctor's Qualification and experience in relevant sector (in years) (as per NCVET	MBA with bachelor's degree in Automobile or Mechanical Engineering from UGC Recognized University and have relevant experience of proctoring in any qualification.	
	guidelines), (wherever applicable)	or	
		Entrepreneurs with 7 years of experience in relevant field and have relevant experience of proctoring in any qualification.	
3.	Lead Assessor's/Proctor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	Assessment shall be carried out by NCVET-recognized Assessors having MBA with bachelor's degree in Automobile or Mechanical Engineering from UGC Recognized University with more than 5 years of business experience in the relevant field.	
4.	Assessment Mode (Specify the assessment mode)	Online MCQ Assessment, Project Assessment and Viva	
5.	Tools and Equipment Required for Assessment	Same as for training See No (details to be provided in Annexure-if it is different for Assessment)	□ Sar

Section 3: Assessment Related

Section 4: Evidence of the Need for the Standalone NOS

Provide Annexure/Supporting documents name.

1.	Government /Industry initiatives/ requirement (Yes/No): Yes, Annexure: Government Initiatives to Promote Car Washing Business
2.	Number of Industry Validations provided: 10, Annexure: Industry Validations Summary
3.	Estimated number of people to be trained: 600
4.	Evidence of Concurrence/Consultation with Line/State Departments (In case of regulated sectors) (Yes/No): Yes

Section 5: Annexure & Supporting Documents Check List

Specify Annexure Name / Supporting document file name

1.	Annexure: NCrF/NSQF level justification based on	Annexure: Evidence of Level
	NCrF/NSQF descriptors (Mandatory)	
2.	Annexure: List of tools and equipment relevant for	Annexure: Tools and Equipment
	NOS (Mandatory, except in case of online course)	
3.	Annexure: Performance and Assessment Criteria	1. Annexure: Standalone NOS- Performance Criteria details
	(Mandatory)	2. Annexure: Assessment Criteria
4.	Annexure: Assessment Strategy (Mandatory)	Annexure: Assessment Strategy
5.	Annexure: Blended Learning (Mandatory, in case	Annexure: Blended Learning
	selected Mode of delivery is Blended Learning)	
6.	Annexure: Acronym and Glossary (Optional)	Annexure: Acronym and Glossary
7.	Other Annexure / Supporting Document:	1. Annexure: Government Initiatives to Promote Car Washing Business
		2. Annexure: Recommended Complementary Entrepreneurship Modules.
8.	Supporting Document: Model Curriculum (Mandatory	Model Curriculum_Nano Entrepreneurship in Car Washing Service
	– Public view)	

Annexure: Evidence of Level

NCrF/NSQF Level	Key requirements of the job role/ outcome of the	How the job role/ outcomes relate to the NCrF/NSQF level	NCrF/NSQF
Descriptors	qualification	descriptor	Level
Professional Theoretical Knowledge/Process	 The qualification provides basic theoretical knowledge in car washing, cleaning techniques, and nano-entrepreneurship. The candidate is expected to have an understanding of cleaning products, their applications, safety guidelines, water conservation techniques, and standard operating procedures (SOPs). Knowledge of basic financial and business management (pricing, customer handling, cost estimation) is included, but it remains limited to routine work contexts. Awareness of environmental concerns like wastewater management and sustainable car cleaning practices is necessary. 	 At NSQF Level 3, the requirement is for basic facts, processes, and principles related to industry. The car washing entrepreneur does not require in-depth technical expertise but needs foundational knowledge to ensure safe and effective operations. The job role is largely predictable and does not involve complex decision-making, aligning with Level 3 knowledge expectations. Basic data interpretation skills (e.g., measuring car cleaning product dilution, reading invoices) align with Level 3 descriptors. 	3
Professional and Technical Skills/ Expertise/ Professional Knowledge	 The candidate supervises a range of routine tasks such as exterior/interior car cleaning, vacuuming, polishing, and minor detailing. Understanding of basic tools and cleaning agents with standard techniques under a set of predefined procedures. Demonstrates the ability to utilize equipment like pressure washers, vacuum cleaners, and polishing machines in business operations. Demonstrates capability in business decision-making; focus remains on service execution and standard operating procedures. 	 NSQF Level 3 requires basic practical skills, a focus on standardized processes, and repetitive tasks with limited variations. The role of a nano-entrepreneur in car washing fits into this level as the tasks are mostly manual, structured, and follow a fixed pattern. The skillset is specialized in the domain but does not require extensive analytical or creative problem-solving, reinforcing its Level 3 classification. 	3
Employment Readiness & Entrepreneurship	• The qualification builds basic employability and entrepreneurial skills, allowing individuals to start their own small-scale car washing businesses.	• Level 3 requires basic employability skills, which align with the course's focus on entry-level entrepreneurship.	3

Skills & Mind- set/Professional Skill	 Requires fundamental communication skills to interact with customers, manage service requests, and handle basic complaints. Covers basic digital literacy required and basic financial literacy to track daily expenses and earnings within this industry. Introduces the concept of customer service, work ethics, and professionalism. No complex decision-making or leadership roles; work is largely self-regulated with limited need for external supervision. 	 The course provides awareness of entrepreneurship, but without deep strategic thinking or market analysis, keeping it at Level 3. Literacy and numeracy skills required are basic (e.g., reading service requests, pricing estimations), matching Level 3 requirements. The ability to follow environmental protocols and maintain hygiene standards without critical decision-making aligns with the descriptor. 	
Broad Learning Outcomes/Core Skill	 The qualification equips individuals with the ability to plan daily operations car washing service. The candidate learns workplace technical and financial business operation, along with basic business registrations and environmental consciousness, ensuring minimal resource wastage. Practical exposure includes handling tools, managing water usage, and interacting with customers. The course does not require in-depth knowledge of vehicle mechanics or specialized detailing techniques, keeping the role within a standardized task structure. 	 NSQF Level 3 outcomes focus on executing familiar tasks with minimal decision-making, which matches the nature of car washing services. The role involves some degree of problem identification (e.g., spotting dirt, assessing cleaning needs) but does not involve complex solutions. The work environment is structured, and job tasks are largely predefined, aligning with Level 3's structured learning outcomes. Entrepreneurial aspects are basic, such as running a self-employed car washing unit with set services and price lists. 	3
Responsibility	 There is limited accountability beyond personal work, as an entrepreneur does not manage a large workforce or handle complex operational challenges. Key responsibilities include the following service protocols, maintaining basic financial records, and ensuring customer satisfaction. The role requires adherence to environmental guidelines, but decision-making is limited to routine service execution. 	 NSQF Level 3 requires limited responsibility for own work with minimal supervision, which fits the self-employed car washing entrepreneur's role. The role involves basic problem-solving but only within the context of predefined car washing procedures, making it a clear Level 3 job. Responsibility is mostly personal rather than organizational, fitting the Level 3 descriptor. 	3

Annexure: Tools and Equipment

List of Tools and Equipment **Batch Size:** <u>30</u>

S. No.	Tool / Equipment Name	Specification	Quantity for specified Batch size
1	Computer / Laptop	8 GB RAM, 12 GHZ total processing speed, 2 GB Graphics memory.	30
2	Microsoft Office	365	30

Classroom Aids:

The aids required to conduct sessions in the classroom are:

- 1. Laptop
- 2. Projector
- 3. Whiteboard
- 4. Whiteboard Marker
- 5. Whiteboard Duster

Annexure:	Industry]	Va	lidations	Summary

No.	Organization Name	Representative Name	Designation	Contact Address	Contact Phone No	E-mail ID
1	Manmachine Works Pvt Ltd	Anil Sethi	Director	E-98, B Block, Sector 6, Noida, Uttar Pradesh - 201301	8252300400	accounts@manmachine.in
2	Liv India Services Pvt Ltd	Jasmeet Singh	Owner	A-13, Block A, Mayapuri Industrial Area, Phase 1, New Delhi	7047046900	info@livindiaservices.com
3	Kritti Wash Equipment Pvt Ltd	Kuldeep Singh	Owner	Kasna 1, Jail Road, Near Amichand College, Industrial Area, J081, Graeter Noida, Uttar Pradesh - 201301	9027543900	kuldeepmeenadhl@gmail.com
4	A-Clean Club Machinery	Virender Kumar	Director	E-67, E Block, Sector 63, Noida, Uttar Pradesh, 201301	9625421628	sales@acleanclubmachinery.in
5	NACS Cleantech Pvt Ltd	Gaurav Rai	Director	F-90, Near Hari Masjid, Hind Nagar Colony, Transport Nagar, Lucknow	9330023532	saurabhrai.sr@gmail.com
6	Door2Door Car Wash	Amit Kumar Singhal	Owner	A-133, South, Near Crowne Plaza, DDA Shed, Block A, Okhla Phase II	8851401212	ocw.booking@gmail.com
7	SGT Multiclean Equipment	Arun Kumar	Owner	Soundarya Layout, Bengaluru, Karnataka	9916433055	info@sgtmulticleans.com
8	Car Dryclean	Vijay Kumar	Owner	Pocket 52, Chittaranjan Park, New Delhi, 110019	9582697143	info@cardryclean.co.in
9	Go Waterless	Nitin Sharma	Founder & CEO	Besides Alard College, Marunji Road, Hinjewadi, Pune - 411057, Maharashtra	8806680006	ceo@gowaterless.in
10	Con Air Equipments Pvt Ltd	Sameer Kavale	Owner	Gate No. 71 A/p Shinde Wadi, Near Seinumero Company, Taluka Bhor Pune - 412205, Maharashtra	8047643812	director@conair.co.in

Annexure: Training Details

Training Projections:

Year	Tot	al Candidates		Women	People with Disability		
	Estimated Training #	Estimated Employment Opportunities	Estimated Training #	Estimated Employment Opportunities	Estimated Training #	Estimated Employment Opportunities	
2025-2026	100	10%	10	10%	NA	NA	
2026-2027	200	10%	20	10%	NA	NA	
2027-2028	300	10%	30	10%	NA	NA	

Data to be provided year-wise for next 3 years.

Annexure: Blended Learning

Blended Learning Estimated Ratio & Recommended Tools:

Refer NCVET "Guidelines for Blended Learning for Vocational Education, Training & Skilling" available on: https://ncvet.gov.in/sites/default/files/Guidelines%20for%20Blended%20Learning%20for%20Vocational%20Education,%20Training%20&%20Skilling.pdf

S. No.	Select the Components of the NOS	List Recommended Tools – for all Selected Components	Offline: Online Ratio
1	Theory/ Lectures - Imparting theoretical and conceptual knowledge	LMS and its associated resources: Preferably integrated with ABs own LMS Solution	0:1
2	□Imparting Soft Skills, Life Skills and Employability Skills /Mentorship to Learners	NA	NA
3	Showing Practical Demonstrations to the learners	LMS and its associated resources: Preferably integrated with ABs own LMS Solution	1:0
4	\Box Imparting Practical Hands-on Skills/ Lab Work/ workshop/ shop floor training	NA	NA
5	Tutorials/ Assignments/ Drill/ Practice	LMS and its associated resources: Preferably integrated with ABs own LMS Solution	1:1
6	Proctored Monitoring/ Assessment/ Evaluation/ Examinations LMS and its associated resources: AAs own Preferably integrated with ABs own LM		1:3
7	On the Job Training (OJT)/ Project Work Internship/ Candidate Training NA NA		NA

Annexure: Standalone NOS- Performance Criteria details

1. Description:

Individuals will develop the capability to establish and manage a car washing business efficiently by understanding various business models, financial management techniques, and cost control strategies. They will gain knowledge of market trends, customer segmentation, and legal compliance, including insurance and environmental regulations. Practical skills in advanced car washing techniques—such as exterior, interior, and engine bay cleaning—will be honed alongside expertise in handling specialized equipment and eco-friendly washing methods. Additionally, proficiency in customer service, marketing, and networking will enable effective business growth and customer retention. Strong financial literacy, budgeting, and operational risk management will support profitability and sustainability. Through hands-on practice and project-based learning, individuals will enhance their business planning, market research, and strategic decision-making abilities, ensuring overall competence in managing a successful car washing venture.

2. Scope:

The scope covers the following:

- Ability to establish and operate a car washing business efficiently.
- Understanding diverse business models, financial management, and cost control techniques.
- Competence in customer service, market research, and targeted marketing strategies.
- Ability to manage legal, regulatory, and insurance requirements for car wash operations.
- Capability to implement environmentally sustainable practices in car washing.
- Development of networking skills for business expansion and industry collaboration.
- Fundamental principles of car washing techniques for different vehicle types.
- Market trends, customer segmentation, and competitive strategies in the car washing industry.
- Equipment, tools, and emerging technologies used in car wash operations.
- Legal and compliance requirements, including licensing, insurance, and environmental regulations.
- Financial literacy, including budgeting, cost management, and profitability analysis.
- Eco-friendly car washing methods, including waterless and sustainable cleaning practices.
- Hands-on expertise in exterior, interior, and engine bay cleaning techniques.
- Proficiency in handling advanced car wash equipment and tools.
- Effective communication and customer service skills to enhance client satisfaction.

- Practical skills in conducting market research and implementing marketing campaigns.
- Business planning, project management, and financial forecasting abilities.
- Adaptive skills to manage risks, optimize resources, and improve operational efficiency.

3. Elements and Performance Criteria Introduction to Car Washing Business

- PC1. Define the basic concepts and principles of starting and operating a car washing business.
- PC2. Identify potential target markets and customer segments for a car washing business.
- PC3. Understand the initial steps and legal requirements involved in establishing a car washing business.
- PC4. Develop a basic business plan outlining the mission, objectives, and strategies for a car washing venture.

Understanding the Car Washing Industry

- **PC5.** Explore the various segments and market trends within the car washing industry.
- PC6. Analyze the competitive landscape and identify key players in the car washing market.
- PC7. Understand the impact of external factors such as economic conditions and regulatory changes on the car washing industry.
- PC8. Evaluate potential growth opportunities and challenges within the car washing sector.

Car Washing Business Models and Strategies

- PC9. Explore different business models and revenue streams for car washing businesses, such as standalone facilities, mobile services, and franchise opportunities.
- PC10. Evaluate the pros and cons of each business model in terms of investment requirements, scalability, and market opportunities.
- PC11. Develop a business strategy and operating model that aligns with the goals and resources of the car washing venture.
- PC12. Identify strategies for differentiation, competitive advantage, and sustainable growth in the car washing market.

Identifying Target Customers in Car Washing Business

PC13. Define target customer segments based on demographic, psychographic, and behavioral characteristics.

PC14. Conduct market analysis to identify customer needs, preferences, and pain points.

- PC15. Develop customer personas to represent different segments of the target audience and tailor marketing strategies accordingly.
- PC16. Implement targeted marketing campaigns to reach and engage specific customer segments effectively.

Market Research Techniques for Car Washing Businesses

PC17. Learn how to conduct market research to gather insights into customer preferences, industry trends, and competitive dynamics.

PC18. Identify appropriate research methodologies, such as surveys, interviews, and focus groups.

PC19. Analyze market research findings to identify opportunities for business growth, product innovation, and marketing strategies.

PC20. Use market research data to inform strategic decision-making and improve competitiveness.

Marketing Essentials for Car Washing Businesses

PC21. Learn fundamental marketing concepts relevant to the car washing industry.

PC22. Identify target markets, customer segments, and positioning strategies.

PC23. Develop marketing mix strategies encompassing product, price, place, and promotion.

PC24. Utilize marketing tools such as advertising, branding, digital marketing, and customer relationship management (CRM).

Networking Skills for Car Wash Entrepreneurs

PC25. Develop personalized networking strategies.

PC26. Build productive professional relationships for network growth.

PC27. Utilize social media and industry events effectively.

PC28. Master networking conversations and follow-up techniques.

Legal Requirements and Regulations for Car Washing Businesses

PC29. Understand the legal and regulatory framework governing car washing businesses, including licensing, permits, and environmental regulations.

PC30. Identify industry-specific regulations related to water usage, wastewater discharge, and hazardous materials handling.

PC31. Develop compliance strategies to ensure adherence to applicable laws and regulations.

PC32. Establish systems for monitoring regulatory changes and maintaining compliance.

Machine and Equipment for Car Washing Business

PC33. Identify the essential equipment and machines required to start and operate a car washing business.

PC34. Understand the functions and maintenance requirements of car washing equipment.

PC35. Evaluate different equipment options based on performance, durability, and cost-effectiveness.

PC36. Develop a procurement plan to acquire necessary equipment and negotiate supplier agreements.

Basic Car Washing Techniques and Procedures

PC37. Learn fundamental car washing techniques, including pre-wash inspection, exterior cleaning, and drying.

PC38. Understand the importance of using proper washing tools and techniques to prevent scratches and swirl marks.

PC39. Practice safe and efficient car washing procedures.

PC40. Develop skills in detailing and finishing touches.

Car Washing Techniques for Different Vehicle Types

PC41. Adapt car washing techniques to accommodate various vehicle types.

PC42. Understand challenges associated with washing different vehicle sizes and materials.

PC43. Develop specialized techniques for cleaning specific vehicle areas.

PC44. Customize services to meet customer preferences.

Exterior Car Cleaning

PC45. Master exterior cleaning techniques to remove dirt and contaminants.

PC46. Learn safe washing and rinsing methods.

PC47. Understand clay bar treatment and paint decontamination.

PC48. Practice proper drying and finishing techniques.

Interior Car Cleaning

PC49. Learn the process of thoroughly cleaning and detailing vehicle interiors.

PC50. Identify common interior cleaning tasks, such as vacuuming and upholstery cleaning.

PC51. Understand the importance of using appropriate cleaning products.

PC52. Master interior cleaning techniques to achieve professional results.

Engine Bay Cleaning

PC53. Understand the importance of engine bay cleaning for vehicle maintenance.

PC54. Learn safe cleaning and degreasing techniques.

PC55. Identify common engine bay cleaning products and tools.

PC56. Master techniques to remove dirt, grease, and oil residues.

Introduction to Waterless Car Washing Techniques

PC57. Learn about waterless car washing principles and benefits.

- PC58. Understand different waterless washing products.
- PC59. Master the process of performing a waterless car wash.

PC60. Demonstrate proficiency in waterless techniques.

Environmental Sustainability Practices in Car Washing

PC61. Understand the environmental impact of traditional car washing methods.

PC62. Implement eco-friendly car washing techniques and products.

PC63. Educate customers about sustainable car washing practices.

PC64. Monitor environmental performance, including water usage and waste management.

Customer Service Skills for Car Washing Businesses

PC65. Develop essential customer service skills such as active listening and communication.

PC66. Understand customer expectations regarding car washing services.

PC67. Learn techniques for handling customer inquiries and complaints.

PC68. Empower employees to deliver exceptional service.

Managing Finances in a Car Washing Business

PC69. Develop financial management skills to handle revenue, expenses, and cash flow.

PC70. Understand basic accounting principles and financial statements.

PC71. Implement budgeting and forecasting processes.

PC72. Utilize financial analysis tools to evaluate profitability.

Budgeting and Cost Control in Car Wash Operations

PC73. Develop budgeting skills to allocate financial resources effectively.

PC74. Identify fixed and variable costs associated with car wash operations.

PC75. Implement cost control measures to reduce expenses and optimize resource utilization.

PC76. Monitor budget performance and identify cost-saving opportunities.

Insurance Requirements for Car Wash Operations

PC77. Understand the insurance needs and requirements for car wash operations.

PC78. Evaluate insurance options and coverage limits.

PC79. Work with brokers to customize insurance policies.

PC80. Maintain accurate records of insurance coverage and claims.

4. Knowledge and Understanding (KU):

The individual on the job needs to know and understand:

- **KU1.** Car wash business basics
- **KU2.** Car wash Market research techniques
- **KU3.** Legal and regulatory compliance in Industry
- **KU4.** Car wash equipments
- **KU5.** Basic washing procedures
- **KU6.** Techniques for different vehicles
- **KU7.** Exterior cleaning methods
- **KU8.** Interior detailing skills
- **KU9.** Engine bay cleaning
- **KU10.** Waterless car wash methods
- **KU11.** Sustainable washing practices in Industry
- **KU12.** Financial management methods in Industry
- **KU13.** Budgeting and cost control in Industry
- **KU14.** Insurance requirements in Industry
- **KU15.** Project planning Components in Industry
- **KU16.** Project Report for Industry
- KU17. Business Plan for Industry

5. Generic Skills (GS):

User/individual on the job needs to know how to:

- **GS1.** Communication skills
- **GS2.** Customer service excellence
- **GS3.** Problem-solving abilities
- **GS4.** Time management
- **GS5.** Decision-making skills
- **GS6.** Teamwork and collaboration
- **GS7.** Leadership qualities
- **GS8.** Entrepreneurial mindset
- **GS9.** Attention to detail
- **GS10.** Critical thinking
- **GS11.** Adaptability and flexibility
- **GS12.** Networking and relationship-building
- **GS13.** Financial literacy
- **GS14.** Marketing and sales skills
- **GS15.** Negotiation skills
- **GS16.** Organizational skills
- **GS17.** Self-motivation and discipline
- **GS18.** Stress management
- **GS19.** Creativity and innovation
- **GS20.** Business ethics awareness

Annexure: Assessment Criteria

Detailed PC-wise assessment criteria and assessment marks for the NOS are as follows:

No.	Module Names	Assessment Criteria for Performance Criteria/Learning Outcomes	Theory Marks	Project Marks	Project Marks	Viva Marks
		Define the basic concepts and principles of starting and operating a car washing business.	1	1	1	1
		Identify potential target markets and customer segments for a car washing business.	1	1	1	1
1.	Introduction to Car Washing Business	Understand the initial steps and legal requirements involved in establishing a car washing business.	1	2	2	1
	Washing Dusiness	Develop a basic business plan outlining the mission, objectives, and strategies for a car washing venture.	1	2	2	1
		Total Marks	4	6	6	4
		Explore the various segments and market trends within the car washing industry.	1	1	1	1
		Analyze the competitive landscape and identify key players in the car washing market.	1	1	1	1
2.	Understanding the Car Washing Industry	Understand the impact of external factors such as economic conditions and regulatory changes on the car washing industry.	1	2	2	1
		Evaluate potential growth opportunities and challenges within the car washing sector.	1	2	2	1
		Total Marks	4	6	6	4
		Learn fundamental car washing techniques, including pre-wash inspection, exterior cleaning, and drying.	1	1	1	1
	Basic Car Washing	Understand the importance of using proper washing tools and techniques to prevent scratches and swirl marks.	1	1	1	1
3.	Techniques and Procedures	Practice safe and efficient car washing procedures to maintain vehicle aesthetics and integrity.	1	2	2	1
	D	Develop skills in detailing and finishing touches to enhance the overall cleanliness and appearance of a vehicle.	1	2	2	1
		Total Marks	4	6	6	4
		Master exterior car cleaning techniques to remove dirt, grime, and contaminants from the vehicle's surface.	1	1	1	1
4.	Exterior Car Cleaning	Learn how to safely wash and rinse the exterior of a vehicle using the two-bucket method or foam cannon.	1	1	1	1
		Understand the importance of clay bar treatment and paint decontamination for achieving a smooth and glossy finish.	1	2	2	1

No.	Module Names	Assessment Criteria for Performance Criteria/Learning Outcomes	Theory Marks	Project Marks	Project Marks	Viva Marks
		Practice proper drying and finishing techniques to prevent water spots and streaks on the vehicle's paint.	1	2	2	1
		Total Marks	4	6	6	4
		Identify the essential equipment and machines required to start and operate a car washing business.	1	1	1	1
5.	Machine and Equipment for Car Washing	Understand the functions and maintenance requirements of car washing equipment such as pressure washers, vacuum cleaners, and detailing machines.	1	1	1	1
5.	Business	Evaluate different equipment options based on performance, durability, and cost-effectiveness.	1	2	2	1
		Develop a procurement plan to acquire necessary equipment and negotiate supplier agreements.	1	2	2	1
		Total Marks	4	6	6	4
		Learn about the principles and benefits of waterless car washing techniques.	1	1	1	1
	Introduction to Waterless Car Washing Techniques	Understand the various waterless car washing products and their applications.	1	1	1	1
6.		Master the process of performing a thorough waterless car wash, including surface preparation, product application, and buffing.	1	2	2	1
		Demonstrate proficiency in waterless car washing techniques through hands-on practice and evaluation.	1	2	2	1
		Total Marks	4	6	6	4
		Adapt car washing techniques to accommodate various vehicle types, including cars, trucks, SUVs, and motorcycles.	1	1	1	1
	Car Washing Techniques for Different Vehicle Types	Understand the unique challenges and considerations associated with washing different vehicle sizes, shapes, and materials.	1	1	1	1
7.		Develop specialized techniques for cleaning specific areas of vehicles, such as wheels, tires, and undercarriages.	1	2	2	1
		Customize car washing services to meet the needs and preferences of diverse customer segments.	1	2	2	1
		Total Marks	4	6	6	4
		Learn the process of thoroughly cleaning and detailing the interior of a vehicle.	1	1	1	1
		Identify common interior cleaning tasks, including vacuuming, upholstery cleaning, and dashboard polishing.	1	1	1	1
8.	Interior Car Cleaning	Understand the importance of using appropriate cleaning products and tools for different interior surfaces.	1	2	2	1
		Master interior car cleaning techniques to achieve professional results and customer satisfaction.	1	2	2	1
		Total Marks	4	6	6	4

No.	Module Names	Assessment Criteria for Performance Criteria/Learning Outcomes	Theory Marks	Project Marks	Project Marks	Viva Marks
		Understand the importance of engine bay cleaning for vehicle maintenance and aesthetics.	1	1	1	1
		Learn how to safely clean and degrease the engine bay without causing damage to electrical components or sensors.	1	1	1	1
9.	Engine Bay Cleaning	Identify common engine bay cleaning products and tools, such as degreasers, brushes, and protective coatings.	1	2	2	1
		Master engine bay cleaning techniques to remove dirt, grease, and oil residues effectively.	1	2	2	1
		Total Marks	4	6	6	4
		Understand the environmental impact of traditional car washing methods and the importance of adopting sustainable practices.	1	1	1	1
	Environmental	Implement eco-friendly car washing techniques and products to minimize water usage and reduce pollution.	1	1	1	1
10.	Sustainability Practices in Car Washing	Educate customers about the benefits of environmentally sustainable car washing practices and promote eco-conscious behavior.	1	2	2	1
		Monitor and assess the environmental performance of car washing operations, including water usage, waste management, and energy consumption.	1	2	2	1
		Total Marks	4	6	6	4
		Define target customer segments for the car washing business based on demographic, psychographic, and behavioral characteristics.	1	1	1	1
	Identifying Target	Conduct market analysis to identify potential customer needs, preferences, and pain points related to car washing services.	1	1	1	1
11.	Customers in Car Washing Business	Develop customer personas to represent different segments of the target audience and tailor marketing strategies accordingly.	1	2	2	1
		Implement targeted marketing campaigns and messaging to reach and engage specific customer segments effectively.	1	2	2	1
		Total Marks	4	6	6	4
	s E S	Explore different business models and revenue streams for car washing businesses, such as standalone facilities, mobile services, and franchise opportunities.	1	1	1	1
		Evaluate the pros and cons of each business model in terms of investment requirements, scalability, and market opportunities.	1	1	1	1
12.	Car Washing Business Models and Strategies	Develop a business strategy and operating model that aligns with the goals and resources of the car washing venture.	1	2	2	1
		Identify strategies for differentiation, competitive advantage, and sustainable growth in the car washing market.	1	2	2	1
		Total Marks	4	6	6	4

No.	Module Names	Assessment Criteria for Performance Criteria/Learning Outcomes	Theory Marks	Project Marks	Project Marks	Viva Marks
		Understand the legal and regulatory framework governing car washing businesses, including licensing, permits, and environmental regulations.	1	1	1	1
	Legal Requirements and	Identify industry-specific regulations and standards related to water usage, wastewater discharge, and hazardous materials handling.	1	1	1	1
13.	Regulations for Car Washing Businesses	Develop compliance strategies and procedures to ensure adherence to applicable laws and regulations.	1	2	2	1
		Establish systems for monitoring regulatory changes and updating policies and practices accordingly to maintain compliance.	1	2	2	1
		Total Marks	4	6	6	4
		Learn fundamental marketing concepts and principles relevant to the car washing industry.	1	1	1	1
		Identify target markets, customer segments, and positioning strategies for car washing businesses.	1	1	1	1
14.	Marketing Essentials for Car Washing Businesses	Develop marketing mix strategies encompassing product, price, place, and promotion to reach and engage target customers.	1	2	2	1
	Car washing Dusinesses	Utilize marketing tools and channels such as advertising, branding, digital marketing, and customer relationship management (CRM) to drive business growth.	1	2	2	1
		Total Marks	4	6	6	4
		Develop budgeting skills to allocate financial resources effectively and efficiently in car wash operations.	1	1	1	1
	Budgeting and Cost	Identify fixed and variable costs associated with operating a car wash business, including labour, utilities, supplies, and maintenance.	1	1	1	1
15.	Control in Car Wash Operations	Implement cost control measures to reduce expenses, optimize resource utilization, and improve profitability.	1	2	2	1
		Monitor budget performance and variance analysis to identify opportunities for cost savings and operational improvement.	1	2	2	1
		Total Marks	4	6	6	4
		Learn how to conduct market research to gather insights into customer preferences, industry trends, and competitive dynamics.	1	1	1	1
	Market Research	Identify appropriate research methodologies, such as surveys, interviews, and focus groups, to collect relevant data from target markets.	1	1	1	1
16.	Techniques for Car Washing Businesses	Analyze market research findings to identify opportunities for business growth, product innovation, and marketing strategy development.	1	2	2	1
		Use market research data to inform strategic decision-making and improve the competitiveness of the car washing business.	1	2	2	1
		Total Marks	4	6	6	4

No.	Module Names	Assessment Criteria for Performance Criteria/Learning Outcomes	Theory Marks	Project Marks	Project Marks	Viva Marks
		Develop essential customer service skills, such as active listening, empathy, and effective communication, to enhance the customer experience.	1	1	1	1
	Customer Service Skills	Understand customer expectations and preferences regarding car washing services and interactions with service providers.	1	1	1	1
17.	for Car Washing Businesses	Learn techniques for handling customer inquiries, complaints, and feedback professionally and efficiently.	1	2	2	1
		Empower employees to deliver exceptional customer service through training, recognition, and support.	1	2	2	1
		Total Marks	4	6	6	4
		Develop financial management skills to effectively manage revenue, expenses, and cash flow in a car washing business.	1	1	1	1
		Understand basic accounting principles and financial statements, including income statements, balance sheets, and cash flow statements.	1	1	1	1
18.	Managing Finances in a Car Washing Business	Implement budgeting and forecasting processes to plan and control expenses, investments, and business growth initiatives.	1	2	2	1
		Utilize financial analysis tools and metrics to evaluate business performance, profitability, and return on investment (ROI).	1	2	2	1
		Total Marks	4	6	6	4
		Understand the insurance needs and requirements specific to car wash operations, including liability insurance, property insurance, and workers' compensation.	1	1	1	1
	In commence De continue entre	Evaluate insurance options and coverage limits to protect against potential risks and liabilities associated with operating a car wash business.	1	1	1	1
19.	Insurance Requirements for Car Wash Operations	Work with insurance brokers and providers to customize insurance policies that meet the unique needs and circumstances of the car wash operation.	1	2	2	1
		Maintain accurate records of insurance coverage, premiums, claims, and policy renewals to ensure compliance and financial protection.	1	2	2	1
		Total Marks	4	6	6	4
		Develop personalized networking strategies	1	1	1	1
		Build productive professional relationships for building network	1	1	1	1
20.	Networking Skills for Car	Utilize social media and industry events effectively for network building	1	2	2	1
	Wash Entrepreneurs	Master networking conversations and follow-up techniques	1	2	2	1
		Total Marks	4	6	6	4
Total	Marks for Mandatory	Modules of Nano Qualification	80	120	120	80

Annexure: Assessment Strategy

This section includes the processes involved in identifying, gathering, and interpreting information to evaluate the Candidate on the required competencies of the program. *Mention the detailed assessment strategy in the provided template.*

Assessment Overview: The assessment strategy for the Basic Entrepreneurship in Plastic Waste Recycling qualification is designed to comprehensively evaluate students' understanding, application, and integration of theoretical concepts with practical skills in managing a business. The assessment methods include written assignments and case studies, MCQ based segment-wise final tests, development, and evaluation of a comprehensive project report based on experiential learning, and a viva voice examination on the project work undertaken by the students.

Assessment Methods:

1. Written Assignments and Case Studies:

- Purpose: To assess students' ability to analyze and solve real-world problems related to business management.
- Description: Students will be required to complete written assignments and case studies that simulate scenarios encountered in the industry. These assessments will evaluate their critical thinking, problem-solving, and decision-making skills.

2. MCQ Based Segment Wise Final Test:

- Purpose: To evaluate students' understanding of key concepts and principles covered in each module of the qualification.
- Description: The final test will consist of multiple-choice questions (MCQs) covering each module of the qualification. This assessment will test students' knowledge and comprehension of the course material.

3. Development & Evaluation of a Comprehensive Project Report:

- Purpose: To assess students' ability to apply theoretical concepts to real-world situations and to effectively communicate their findings and recommendations.
- Description: Students will undertake a practical project (e.g., market research, operational improvement, marketing strategy) related to business management. They will develop a comprehensive project report based on their experiential learning, detailing their project objectives, methodology, findings, and recommendations. The project report will be evaluated based on its clarity, depth of analysis, and practical relevance.

4. Viva on the Project Work Taken Up:

- Purpose: To assess students' understanding of their project work and their ability to articulate and defend their findings and recommendations.
- Description: Students will participate in a viva voice examination where they will present and discuss their project work with a panel of examiners. The viva will assess their knowledge, understanding, and critical reflection on their project, as well as their ability to respond to questions and feedback.

Assessment Criteria: The assessment criteria for each assessment method will be aligned with the learning outcomes of the qualification. Criteria may include:

- Demonstration of understanding and application of theoretical concepts.
- Critical analysis and evaluation of information.
- Effectiveness of communication and presentation.

- Creativity and innovation in problem-solving.
- Ability to work independently and collaboratively.
- Ability to reflect on learning and apply feedback.

Assessment Schedule: Assessment tasks will be distributed throughout the duration of the qualification to ensure ongoing feedback and opportunities for improvement. The final project report and viva voice examination will typically be scheduled towards the end of the qualification, allowing students to integrate and apply their learning from the entire program.

Assessment Integrity: To ensure the integrity of the assessment process, all assessments will be conducted in accordance with the institution's policies and procedures. Measures will be in place to prevent plagiarism and cheating, and assessments will be marked by qualified and impartial assessors, as elaborated in Qualification File.

Conclusion: The assessment strategy outlined above aims to provide a rigorous and comprehensive evaluation of students' knowledge, skills, and competencies in managing a business. By combining written assignments, tests, project work, and viva voice examinations, the assessment strategy ensures that students are well-prepared to succeed in the dynamic and competitive industry.

Annexure: Government Initiatives to Promote Car Washing Business

1. Introduction:

The automobile industry in India is a crucial pillar of the economy, contributing significantly to employment, GDP, and industrial growth. Recognizing its importance, the Indian government has implemented various initiatives to support and promote the sector. These initiatives not only benefit automobile manufacturers and suppliers but also have a cascading effect on related industries, including car washing services. This article delves into the comprehensive support provided by the Indian government to the automobile industry and how it indirectly impacts the car washing sector.

2. Government Initiatives for Automobile Industry, thus driving demand for Car Washing:

- a) **Production-Linked Incentive (PLI) Scheme for Automobile and Auto Component Industry**: The PLI scheme, launched as part of the Atmanirbhar Bharat Abhiyan, aims to boost domestic manufacturing and enhance the competitiveness of the automobile and auto component industry. Under this scheme, eligible manufacturers receive financial incentives based on their incremental sales of vehicles and components. By incentivizing production and localization, the PLI scheme not only strengthens the automobile industry but also stimulates demand for vehicles, thereby increasing the need for car washing services.
- b) Faster Adoption and Manufacturing of Electric Vehicles (FAME) India II Scheme: The FAME India II scheme focuses on promoting the adoption of electric and hybrid vehicles in India. It offers incentives for purchasing electric vehicles (EVs) and establishing charging infrastructure. By encouraging the use of EVs, the

government aims to reduce vehicular emissions and promote sustainable transportation. As the adoption of EVs increases, there will be a shift in the demand for car washing services towards electric vehicle cleaning, creating new opportunities for entrepreneurs in the car washing sector.

- c) Capital Goods Scheme: The Capital Goods Scheme provides financial assistance for acquiring capital goods, including machinery and equipment, used in the manufacturing of automobiles and auto components. By supporting the modernization and technological upgradation of production facilities, this scheme enhances the efficiency and quality of automobile manufacturing. As a result, there is a higher demand for high-quality car washing services to maintain and enhance the appearance of these vehicles.
- d) Vehicle Scrappage Policy: The recently introduced Vehicle Scrappage Policy aims to promote the replacement of old and polluting vehicles with new, fuel-efficient ones. Under this policy, vehicles older than 15 years will be scrapped, and incentives will be provided for purchasing new vehicles. This policy not only boosts automobile sales but also increases the need for car washing services, as owners of new vehicles are likely to be more conscious about maintaining their vehicles.
- e) National Automotive Board (NAB): The National Automotive Board, under the Department of Heavy Industry, plays a crucial role in formulating policies and schemes for the development of the automobile industry. It promotes research and development, technology upgradation, and skill development in the sector, which ultimately leads to the production of better-quality vehicles that require regular maintenance and washing.

3. Government Support for Car Washing Entrepreneurship:

- a) **Prime Minister's Employment Generation Programme (PMEGP)**: PMEGP is a credit-linked subsidy scheme aimed at generating employment opportunities in rural and urban areas by promoting entrepreneurship. Under this scheme, aspiring entrepreneurs can avail of financial assistance to start their own businesses, including car washing services. By supporting entrepreneurship in the car washing sector, the government not only creates job opportunities but also improves the overall quality of car washing services in the country.
- b) MUDRA Scheme: The MUDRA (Micro Units Development and Refinance Agency) scheme provides funding to micro-enterprises, including car washing units, through various financial institutions. This scheme aims to promote entrepreneurship among small-scale entrepreneurs and facilitate their access to affordable credit. By providing financial support to car washing entrepreneurs, the government stimulates the growth of the car washing sector and enhances its contribution to the economy.
- c) Chief Minister's Employment Generation Programmes (CMEGP): The CMEGPs are a credit-linked subsidy schemes of various states similar to PMEGP, but with jurisdiction of respective state, aimed at generating employment opportunities in rural and urban areas by promoting entrepreneurship. Under these schemes, aspiring entrepreneurs can avail of financial assistance to start their own businesses, including car washing services. By supporting entrepreneurship in the car washing sector, the government not only creates job opportunities but also improves the overall quality of car washing services in the country.

4. Conclusion:

The Indian government's comprehensive support for the automobile industry through initiatives like the PLI scheme, FAME India II scheme, and Capital Goods Scheme has a significant impact on the car washing sector. These initiatives not only drive demand for vehicles but also promote the use of advanced technologies in automobile manufacturing, leading to a higher demand for high-quality car washing services. Furthermore, the government's support for car washing entrepreneurship through schemes like PMEGP, MUDRA, and CMEGP creates opportunities for aspiring entrepreneurs to enter the car washing sector and contribute to its growth. Overall, the government's efforts to boost the automobile industry indirectly benefit the car washing industry, highlighting the interconnectedness of different sectors in the economy.

Annexure: Recommended Complementary Entrepreneurship Modules

For complete learning experience it's recommended that this NOS should be used in conjunction with an Entrepreneurship NOS or STT essentially containing:

General Entrepreneurship Modules:

- 1. The Concept of Entrepreneurship: Definitions and Interpretations
- 2. Creativity and Innovation in Entrepreneurship: Cultivating a Culture of Idea Generation
- 3. Steps in the Entrepreneurial Journey: From Idea to Execution
- 4. Embracing Failure: Learning from Setbacks and Bouncing Back Stronger
- 5. Decision Making Under Uncertainty: Strategies for Making Informed Choices

Entrepreneurial Skill Modules:

- 6. Business Licenses and Permits: Navigating Regulatory Requirements
- 7. Bootstrapping Your Business: Making the Most of Limited Resources
- 8. Government Support Programs: Grants, Loans, and Incentives for Entrepreneurs
- 9. Characteristics of Successful Entrepreneurial Ventures: Lessons from Market Leaders
- 10. Learning from Failures: Case Studies of Entrepreneurial Setbacks and Recoveries

Annexure: Acronym and Glossary

Acronym

Acronym	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

Glossary

Term	Description			
National Occupational	NOS define the measurable performance outcomes required from an individual engaged in a particular task			
Standards (NOS)	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.			