



QUALIFICATION FILE

Jr. Technician (Advanced Automobile)

☒ Short Term Training (STT) ☐ Long Term Training (LTT) ☐ Apprenticeship

☒ Upskilling ☐ Dual/Flexi Qualification ☐ For ToT ☐ For ToA

☒ General ☐ Multi-skill (MS) ☐ Cross Sectoral (CS) ☐ Future Skills ☐ OEM

NCrF/NSQF Level: 3

Submitted By:

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Section 1: Basic Details

1.	Qualification Name	Jr. Technician (Advanced Automobile)	
2.	Sector/s	Automotive	
3.	Type of Qualification: ☐ New ☐ Revised ☐ Has Electives/Options ☐ OEM	NQR Code & version of existing/previous qualification: <i>(change to previous, once approved)</i> 2022/AUT/KSDC/05922	Qualification Name of existing/previous version: Jr. Technician (Advanced Automobile)-V1
4.	a. OEM Name b. Qualification Name <i>(Wherever applicable)</i>	Jr. Technician (Advanced Automobile)	
5.	National Qualification Register (NQR) Code &Version <i>(Will be issued after NSQC approval)</i>	QG-03-AU -05922-2025-V2-KSDC	6. NCrf/NSQF Level: 3
7.	Award (Certificate/Diploma/Advance Diploma/ Any Other <i>(Wherever applicable specify multiple entry/exits also & provide details in annexure)</i>)	Certificate	
8.	Brief Description of the Qualification	This is a short-term course, aimed at making candidates ready to work on support roles during vehicle design, development, prototyping, and physical validation of automotive vehicles. Also, this course will help the candidate to acquire adequate knowledge of various systems and subsystems of automobiles and advanced technologies such as electric vehicles, connected cars, and autonomous cars etc. This course helps students pursue careers in support roles required during design and development of vehicles, automobile dealers, sales and marketing support, spare parts dealers, etc.	
9.	Eligibility Criteria for Entry for Student/Trainee/Learner/Employee	a. Entry Qualification & Relevant Experience: Grade 10 pass OR Grade 8 pass with two years of (NTC/ NAC) after 8th OR 9th Grade pass with 1.5 -year relevant experience OR 8th Grade pass with 3 -year relevant experience OR 5th grade pass with 7.5-year relevant experience OR Previous relevant Qualification of NSQF Level 2.5 with 1.5-year relevant experience OR Previous relevant Qualification of NSQF Level 2 with 1.5-year relevant experience b. Age: Minimum Age: 15 Years	

10.	Credits Assigned to this Qualification, Subject to Assessment <i>(as per National Credit Framework (NCrF))</i>	10	11. Common Cost Norm Category (I/II/III) <i>(wherever applicable)</i> :																					
12.	Any Licensing requirements for Undertaking Training on This Qualification <i>(wherever applicable)</i>	NA																						
13.	Training Duration by Modes of Training Delivery <i>(Specify Total Duration as per selected training delivery modes and as per requirement of the qualification)</i>	☐ Offline ☐ Online ☐ Blended <table border="1"> <thead> <tr> <th>Training Delivery Modes</th><th>Theory (Hours)</th><th>Practical (Hours)</th><th>OJT Mandatory (Hours)</th><th>OJT Recommended (Hours)</th><th>Total (Hours)</th></tr> </thead> <tbody> <tr> <td>Classroom (offline)</td><td>75</td><td>135</td><td>90</td><td></td><td>300</td></tr> <tr> <td>Online</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> <i>(Refer Blended Learning Annexure for details)</i>					Training Delivery Modes	Theory (Hours)	Practical (Hours)	OJT Mandatory (Hours)	OJT Recommended (Hours)	Total (Hours)	Classroom (offline)	75	135	90		300	Online					
Training Delivery Modes	Theory (Hours)	Practical (Hours)	OJT Mandatory (Hours)	OJT Recommended (Hours)	Total (Hours)																			
Classroom (offline)	75	135	90		300																			
Online																								
14.	Aligned to NCO/ISCO Code/s <i>(if no code is available mention the same)</i>	7231.0100 - Mechanic, Automobile.																						
15.	Progression path after attaining the qualification <i>(Please show Professional and Academic progression)</i>	- Jr. Technician (Advanced Automobile) → Technician (Advanced Automobile) → Sr. Technician (Advanced Automobile), - Entrepreneurship																						
16.	Other Indian languages in which the Qualification & Model Curriculum are being submitted	No																						
17.	Is similar Qualification(s) available on NQR-if yes, justification for this qualification	☐ Yes ☒ No URLs of similar Qualifications:																						
18.	Is the Job Role Amenable to Persons with Disability	☐ Yes ☒ No If "Yes", specify applicable type of Disability:																						
19.	How Participation of Women will be Encouraged																							
20.	Are Greening/ Environment Sustainability Aspects Covered <i>(Specify the NOS/Module which covers it)</i>	☐ Yes ☐ No																						
21.	Is Qualification Suitable to be Offered in Schools/Colleges	Schools ☐ Yes ☐ No Colleges ☒ Yes ☐ No																						
22.	Name and Contact Details of Submitting / Awarding Body SPOC <i>(In case of CS or MS, provide details of both Lead AB & Supporting ABs)</i>	Name: Nagaraja NM, IAS Managing Director, Karnataka Skill Development Corporation Email: md.ksdc@karnataka.gov.in Website: https://kaushalkar.karnataka.gov.in/en Contact No.: 080 2952 2222																						
23.	Final Approval Date by NSQC:	24. Validity Duration: 3 years	25. Next Review Date																					

Section 2: Module Summary

NOS/s of Qualifications

(In exceptional cases these could be described as components)

Mandatory NOS/s:

Specify the training duration and assessment criteria at NOS/ Module level. For further details refer curriculum document.

Th.-Theory Pr.-Practical OJT-On the Job Man.-Mandatory Training Rec.-Recommended Proj.-Project

S. No	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/Non-Core	NCrF/NS QF Level	Credits as per NCrF	Training Duration (Hours)					Assessment Marks					
						Th.	Pr.	OJT-Man.	OJT-Rec.	Total	Th.	Pr.	Proj.	Viva	Total	Weightage (%) (if applicable)
1.	Comply with workshop health and safety guidelines.		Non-Core	3	1	5	0			5	1	3		4	8	8
2.	Assist to classify the Automobile, its classification, and Vehicle Architecture.		Core	3		5	5			10	2	4		4	10	10
3.	Assist to identify the systems and sub-systems like Powertrain, chassis, BIW, Lighting, Electrical and electronics, Vehicle Integration, Ergonomics and Electric Vehicle.		Core	3		5	10			15	3	4		5	12	12
4.	Support in selection of automotive materials and Manufacturing Processes.		Core	3	1	10	20			30	3	5		4	12	12
5.	Support to conduct Vehicle validation at component level as well as vehicle system level.		Core	3	1	5	10			15	2	4		4	10	10
6.	Understanding the function and working of advance vehicle technologies such as ADAS system, its sensor, Electric		Core	3		5	10			15	1	4		3	8	8

S. No	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/Non-Core	NCrF/NS QF Level	Credits as per NCrF	Training Duration (Hours)					Assessment Marks					
						Th.	Pr.	OJT-Man.	OJT-Rec.	Total	Th.	Pr.	Proj.	Viva	Total	Weightage (%) (if applicable)
	vehicle, and autonomous car.															
7.	Support to maintain vehicle certification, Regulatory requirements & Emission Norms.		Core		1	10	20			30	2	4		4	10	10
8.	Assignments (Based on case studies and Industrial application)		Core	3	2	20	40			60	2	4		4	10	10
9.	OJT (Mini Project (Based on Industrial application))		Core	3	3			90		90	2	4		4	10	10
10.	Employability Skills		Non-Core	3	1	10	20			30	2	4		4	10	10
Duration (in Hours) / Total Marks					10	75	135	90		300	20	40		40	100	100

Elective NOS/s:

S. No	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/Non-Core	NCrF/NS QF Level	Credits as per NCrF	Training Duration (Hours)					Assessment Marks					
						Th.	Pr.	OJT-Man.	OJT-Rec.	Total	Th.	Pr.	Proj.	Viva	Total	Weightage (%) (if applicable)
1.																
2.																
Duration (in Hours) / Total Marks																

Optional NOS/s:

S. No	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/Non-Core	NCrF/NS QF Level	Credits as per NCrF	Training Duration (Hours)					Assessment Marks					
						Th.	Pr.	OJT-Man.	OJT-Rec.	Total	Th.	Pr.	Proj.	Viva	Total	Weightage (%) (if applicable)
1.																
2.																
Duration (in Hours) / Total Marks																

Assessment - Minimum Qualifying Percentage

Please specify **any one** of the following:

Minimum Pass Percentage – Aggregate at qualification level: 70% (Every Trainee should score specified minimum aggregate passing percentage at qualification level to successfully clear the assessment.)

Minimum Pass Percentage – NOS/Module-wise: ____% (Every Trainee should score specified minimum passing percentage in each mandatory and selected elective NOS/Module to successfully clear the assessment.)

Section 3: Training Related

1.	Trainer's Qualification and experience in the relevant sector (in years) <i>(as per NCVET guidelines)</i>	Graduate in Engineering with 2-year experience in relevant field and domain certification.
2.	Master Trainer's Qualification and experience in the relevant sector (in years) <i>(as per NCVET guidelines)</i>	Graduate in Engineering with 4-year experience in relevant field and domain certification.
3.	Tools and Equipment Required for Training	☒ Yes ☐ No <i>(If "Yes", details to be provided in Annexure)</i>
4.	In Case of Revised Qualification, Details of Any Upskilling Required for Trainer	

Section 4: Assessment Related

1.	Assessor's Qualification and experience in relevant sector (in years) <i>(as per NCVET guidelines)</i>	Graduate in Engineering with 4 years' experience in relevant field.
2.	Proctor's Qualification and experience in relevant sector (in years) <i>(as per NCVET guidelines)</i>	Graduate in Engineering with 2 years' experience in relevant field.
3.	Lead Assessor's/Proctor's Qualification and experience in relevant sector (in years) <i>(as per NCVET guidelines)</i>	Graduate in Engineering with 6-year of experience in industry or training experience.
4.	Assessment Mode <i>(Specify the assessment mode)</i>	Offline
5.	Tools and Equipment Required for Assessment	☒ Same as for training ☐ Yes ☐ No <i>(details to be provided in Annexure-if it is different for Assessment)</i>

Section 5: Evidence of the need for the Qualification

Provide Annexure/Supporting documents name.

1.	Latest Skill Gap Study (not older than 2 years) (Yes/No): Yes
2.	Latest Market Research Reports or any other source (not older than 2 years) (Yes/No): Yes
3.	Government /Industry initiatives/ requirement (Yes/No): Yes
4.	Number of Industry validation provided:
5.	Estimated nos. of persons to be trained and employed:
6.	Evidence of Concurrence/Consultation with Line Ministry/State Departments: NA If "No", why:

Section 6: Annexure & Supporting Documents Check List

Specify Annexure Name / Supporting document file name

1.	Annexure: NCrf/NSQF level justification based on NCrf level/NSQF descriptors (Mandatory)	Annexure 1
2.	Annexure: List of tools and equipment relevant for qualification (Mandatory, except in case of online course)	Annexure 2
3.	Annexure: Detailed Assessment Criteria (Mandatory)	Annexure 6
4.	Annexure: Assessment Strategy (Mandatory)	Annexure 7
5.	Annexure: Blended Learning (Mandatory, in case selected Mode of delivery is "Blended Learning")	NA
6.	Annexure: Multiple Entry-Exit Details (Mandatory, in case qualification has multiple Entry-Exit)	NA
7.	Annexure: Acronym and Glossary (Optional)	Annexure 8
8.	Supporting Document: Model Curriculum (Mandatory – Public view)	Model Curriculum
9.	Supporting Document: Career Progression (Mandatory - Public view)	
10.	Supporting Document: Occupational Map (Mandatory)	
11.	Supporting Document: Assessment SOP (Mandatory)	
12.	Any other document you wish to submit:	

Annexure 1: Evidence of Level

NCrf/NSQF Level Descriptors	Key requirements of the job role/ outcome of the qualification	How the job role/ outcomes relate to the NCrf/NSQF level descriptor	NCrf/NSQF Level
Professional Theoretical Knowledge/Process	- Advance Automobile Technician is expected to understand the system & subsystem of Automobile, also assemble & disassemble the Automobile components, its material and mfg. aspects. - Knowledge of latest Automotive technologies along with advanced manufacturing processes.	- Advance Automobile Technician should understand system & subsystem of Automobiles its assembly and its working. Ability to classify automotive systems and subsystems. - Able to understand latest technologies such as ADAS, Electric vehicle, MPFI etc.	NSQF Level 3
Professional and Technical Skills/ Expertise/ Professional Knowledge	Advance Automobile Technician is expected to have Advanced knowledge of Automobile, understanding various system and subsystem functions manufacturing technologies involved and upcoming new technologies.	Advance Automobile Technician understands the Automotive systems, such as brake system, Steering system and Powertrain system, its assembly, working and their specification.	NSQF Level 3

Employment Readiness & Entrepreneurship Skills & Mind-set/Professional Skill	- Working as a member of a team/ within a team. Display Personal Motivation. Positive Attitude & Passion for Work - Good skills in written and oral communication with some clarity, basic knowledge of Language to support such communication. - Intermediate literacy and Numeracy skills - Skills for workshop calculations and basic of arithmetic and algebraic principles. - Good logical and analytical reasoning skills.	Advance Automobile Technician will be able to do assembly of automotive systems such as steering, Chassis system etc., understanding the importance of automotive materials, vehicle prototypes building, vehicle level testing, and should have knowledge of vehicle safety standards and regulations.	NSQF Level 3
Broad Learning Outcomes/Core Skill	Advance Automobile Technician is expected to understand Advanced Vehicle system, subsystem needs, Electric Vehicle, Connected Cars, IoT, etc.	- Advance Automobile Technician built the skill to understand Advanced Vehicle systems and subsystems. Rectify and diagnose as per customer requirements. - Understands latest technologies of Automotive industry like Advanced driver-assistance systems, Electric Vehicle, connected car etc.	NSQF Level 3
Responsibility	The jobholder is responsible to: - Assist in understanding Advanced Automotive technologies. - Assist in understanding functions of various advanced systems and subsystems. - Identify advanced material and its manufacturing. - Support for vehicle prototype building. - Responsible for vehicle level testing and validation. - Understands latest manufacturing and material types which helps in improving quality. Understanding of new trends in the automotive industry like ADAS. - Advanced Engine technology in CRDI, MPFI and VVT. - The technician has limited responsibility for own work and major functions in close supervision.	- To identify advanced materials for automotive systems and sub systems. - The Advance Automobile Technician is responsible for vehicle diagnosis, working of various advanced technologies and responsible for their own work assignments.	NSQF Level 3

Annexure 2: Tools and Equipment (Lab Set-Up)

List of Tools and Equipment

Batch Size:

S. No.	Tool / Equipment Name	Specification	Quantity for specified Batch size
1.	Safety Kit		10 Nos
2.	EV Vehicle		2 Nos
3.	EV Kit Chassis		2 Nos
4.	Wheel Rim & Tyre		2 Nos
5.	Battery		2 Nos
6.	Crimping Lugs		2 Nos
7.	Battery Packing		2 Nos
8.	BMS		2 Nos
9.	Motor		2 Nos
10.	Motor Controller		2 Nos
11.	Throttle Pedal		2 Nos
12.	Solar Panel		2 Nos
13.	Solar Charge Controller		2 Nos
14.	Wire, Solar Panel to EV KIT		2 Nos
15.	SMPS		2 Nos
16.	Selector Rotary Switch		2 Nos
17.	MCB		2 Nos
18.	Fuse		2 Nos
19.	Emergency Stop Switch		2 Nos
20.	Start Switch		2 Nos
21.	Stop Switch		2 Nos
22.	Break Switch		2 Nos
23.	Head Light		2 Nos
24.	Tail Light		2 Nos
25.	Banana Plugs & Socket		2 Nos
26.	Wires 12V		2 Nos
27.	Electric Wiring raceways		2 Nos
28.	Grommet		2 Nos
29.	Reverse Camera		2 Nos
30.	Ultrasonic Sensor		2 Nos
31.	Small LEDs with holder		2 Nos
32.	Big LEDs with holder		2 Nos
33.	Buzzer		2 Nos
34.	DC to DC convertor		2 Nos
35.	DC to DC convertor		2 Nos
36.	Nextion TFT Display		2 Nos
37.	Current Limiting Sensor		2 Nos
38.	Arduino Mega Controller		2 Nos

39.	Temperature Sensor		2 Nos
40.	Thermal Resistive Sensor		2 Nos
41.	Car lift -4Ton		1 Nos
42.	TATA ACE – Chassis		1 Nos
43.	Transmission / Gearbox Demo Kit		1 Nos
44.	Cooling System		1 Nos
45.	Fuel System & Urea Handling (Petrol)		1 Nos
46.	Exhaust System		1 Nos
47.	Commercial Vehicle Chassis Structure		1 Nos
48.	Rear Axel		1 Nos
49.	Suspension System-Leaf Spring		1 Nos
50.	Steering Wheel and Tyre Systems		1 Nos
51.	Brakes & Controls		1 Nos
52.	Engine and Transmission Mounts		1 Nos
53.	HVAC Demo Kit		1 Nos
54.	Electronic Ignition System Of An Automobile 4 Wheeler		1 Nos
55.	Demonstration Board Of Working Model MPFI System With Motorized control		1 Nos
56.	Instruction Kit For Charging System		1 Nos
57.	Instruction Kit For Starting System		1 Nos
58.	Lighting and Wiring System		1 Nos

Classroom Aids

The aids required to conduct sessions in the classroom are:

1. Laptop
2. Whiteboard and Markers
3. Projector
4. Screen
5. Stationary

Annexure 3: Industry Validations Summary

Provide the summary information of all the industry validations in table. This is not required for OEM qualifications.

S. No	Organization Name	Representative Name	Designation	Contact Address	Contact Phone No	E-mail ID	LinkedIn Profile (if available)

Annexure 4: Training & Employment Details

Training and Employment Projections:

Year	Total Candidates		Women		People with Disability	
	Estimated Training #	Estimated Employment Opportunities	Estimated Training #	Estimated Employment Opportunities	Estimated Training #	Estimated Employment Opportunities

Data to be provided year-wise for next 3 years

Training, Assessment, Certification, and Placement Data for previous versions of qualifications:

Qualification Version	Year	Total Candidates				Women				People with Disability			
		Trained	Assessed	Certified	Placed	Trained	Assessed	Certified	Placed	Trained	Assessed	Certified	Placed

Applicable for revised qualifications only, data to be provided year-wise for past 3 years.

List Schemes in which the previous version of Qualification was implemented:

1.
2.

Content availability for previous versions of qualifications:

☐ Participant Handbook ☐ Facilitator Guide ☐ Digital Content ☐ Qualification Handbook ☐ Any Other:

Languages in which Content is available:

Annexure 5: 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 Qualification	List Recommended Tools – for all Selected Components	Offline : Online Ratio
1	☐ Theory/ Lectures - Imparting theoretical and conceptual knowledge		
2	☐ Imparting Soft Skills, Life Skills, and Employability Skills /Mentorship to Learners		
3	☐ Showing Practical Demonstrations to the learners		
4	☐ Imparting Practical Hands-on Skills/ Lab Work/ workshop/ shop floor training		
5	☐ Tutorials/ Assignments/ Drill/ Practice		
6	☐ Proctored Monitoring/ Assessment/ Evaluation/ Examinations		
7	☐ On the Job Training (OJT)/ Project Work Internship/ Apprenticeship Training		

Annexure 6: Detailed Assessment Criteria

Detailed assessment criteria for each NOS/Module are as follows:

NOS/Module Name	Assessment Criteria for Performance Criteria/Learning Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Comply with workshop health and safety guidelines	PC 1. Comply with safety, health, security, and environment related regulations/ guidelines as per organizational/ manufacturer's policy.				
	PC 2. Carry out maintenance operations as per the manufacturers and workshop related health and safety guidelines/ standard operating procedures.				
	PC 3. Follow safety regulations and procedures regarding service workshop hazards and risks.				
	PC 4. Use appropriate protective clothing/ equipment for specific tasks and work conditions as per service manual.				
	PC 5. Record and report details related to operations, incidents, or accidents, as applicable.				
	Total Marks	1	3		4
Assist to classification the Automobile, its classification and Vehicle Architecture.	PC 1. Identify the systems & sub systems of Automobile & its classification.				
	PC 2. Automotive Cut Sections demonstrate the learning by applying knowledge.				
	PC 3. Internal and external body components, Observe the defects in vehicle for irregularity in gaps & flushness & painting.				
	Total Marks	2	4		4
Assist to identify the systems and sub-systems like Powertrain, chassis, BIW, Lighting, Electrical and electronics, Vehicle Integration, Ergonomics and Electric Vehicle	PC 1. Identify & understand the function of systems and sub-systems of Powertrain.				
	PC 2. Identify & understand the function of systems and sub-systems of Chassis System: Chassis, Steering Systems, Suspensions, Brakes etc.				
	PC 3. Study the Fuel system, Charging of Automobile battery and Wiring harness.				
	Total Marks	3	4		5
Support in selection of automotive materials and Manufacturing Processes.	PC 1. Selection and understanding the use of Automotive Materials (Steels, Al Alloys, Magnesium Alloys, Plastics, Composite, Hybrid Materials etc.).				
	PC 2. Selection and identify Manufacturing Processes: Forming, Forging, Plastic Moulding, Assembly Processes, Joining Processes, Digital and Agile Manufacturing Techniques.				
	PC 3. Selection and identify of Various welding processes used in automotive vehicle.				
	Total Marks	3	5		4
Support to conduct Vehicle validation at component level as well as vehicle system level.	PC 1. Support to conduct vehicle level Testing (Engine Testing, Vehicle Testing, Engine/Chassis Dynamometer), Indoor Testing, Outdoor Testing.				
	PC 2. Study of Validation requirements for Crash, Energy Management, Occupant Protection. Different Types of Air Bags, Overview of Vehicle Testing.				
	PC 3. Study of various loads acting on the vehicle Body and support for test setup preparation.				
	Total Marks	2	4		4
Understanding the function and working of advance vehicle technologies such as ADAS system, its sensor,	PC 1. Understand the functions and working of ADAS system components.				
	PC 2. Understanding the function and working of the electric vehicle components.				
	PC 3. Identify and understand the use of IOT in connected car and autonomous car.				
	PC 4. Understanding advancements in CRDI, MPFI, VVT and other engine related latest				

Electric vehicle and autonomous car.	technologies.				
	Total Marks	1	4		3
Support to maintain vehicle certification, Regulatory requirements & Emission Norms.	PC 1. Study of Regulatory Regimes (AIS, FMVSS, CMVSS, ECE/EEC, JIS, ENCAP, US NCAP, IIHS etc.)				
	PC 2. Exhaust System and Emission Norms.				
	PC 3. Certification and Homologation: definition, worldwide agencies, automotive standards & Types of approval and conformity of production.				
	Total Marks	2	4		4
Assignments	PC1 Based on case studies and Industrial application				
	Total Marks	2	4		4
Mini Projects (Based on case studies and Industrial application)	PC 1. Market Research on Current types of commercial & Passenger Vehicle with its specifications (Torque, gear ratio, compressor ratio, Volume of engine, type of coolant, etc.).				
	PC 2. Benchmarking of any two vehicle with its concern details & Specifications.				
	PC 3. Prepare the manufacturing workflow to make a complete vehicle by studying vehicle physically.				
	PC 4. Study the sensors used in Electric vehicle.				
	PC 5. Identify & elaborate the manufacturing processes automotive component (Crankshaft, cylinder head, cylinder block, connecting rod, gear box housing, BIW exterior components etc.)				
	PC 6. Compare diesel and petrol car with all its subcomponents, advantages & disadvantages.				
	PC 7. Vehicle crash safety testing procedure.				
	PC 8. Assembly and Dis-assembly of Suspension system.				
	PC 9. Analyze role of advance fuel injection system (MPFI) in modern vehicle				
	PC 10. Any other / Industrial live problems.				
	Total Marks	2	4		4
Employability Skills	PC 1. Understanding the Significance of Employability skills				
	PC 2. Identification the Constitutional values				
	PC 3. Explaining Becoming a professional in the 21st century				
	PC 4. Speak with Others in Basic English skills				
	PC 5. Significance of Career development and goal setting				
	PC 6. Etiquette of Communication skills				
	PC 7. Use Various Financial and legal literacy				
	PC 8. Awareness to Essential Digital Skills				
	Total Marks	2	4		4
Grand Total		20	40		40

Annexure 7: 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.

<1. Assessment System Overview:

- Batches assigned to the assessment agencies for conducting the assessment on SIP or email
- Assessment agencies send the assessment confirmation to VTP/TC looping SSC
- Assessment agency deploys the ToA certified Assessor for executing the assessment
- SSC monitors the assessment process & records

2. Testing Environment:

- Check the Assessment location, date and time
- If the batch size is more than 30, then there should be 2 Assessors.
- Check that the allotted time to the candidates to complete Theory & Practical Assessment is correct.

3. Assessment Quality Assurance levels/Framework:

- Question bank is created by the Subject Matter Experts (SME) are verified by the other SME
- Questions are mapped to the specified assessment criteria
- Assessor must be ToA certified & trainer must be ToT Certified

4. Types of evidence or evidence-gathering protocol:

- Time-stamped & geotagged reporting of the assessor from assessment location
- Centre photographs with signboards and scheme specific branding

5. Method of verification or validation:

- Surprise visit to the assessment location

6. Method for assessment documentation, archiving, and access

- Hard copies of the documents are stored

On the Job:

1. Each module (which covers the job profile of Automotive Service Assistant Technician) will be assessed separately.
2. The candidate must score 60% in each module to successfully complete the OJT.
3. Tools of Assessment that will be used for assessing whether the candidate is having desired skills and etiquette of dealing with customers, understanding needs & requirements, assessing the customer and perform Soft Skills effectively:
 - Videos of Trainees during OJT
 -
4. Assessment of each Module will ensure that the candidate is able to:
 - Effective engagement with the customers
 - Understand the working of various tools and equipment
 ->

Annexure 8: Acronym and Glossary

Acronym

Acronym	Description
AA	Assessment Agency
AB	Awarding Body
ISCO	International Standard Classification of Occupations
NCO	National Classification of Occupations
NCrF	National Credit Framework
NOS	National Occupational Standard(s)
NQR	National Qualification Register
NSQF	National Skills Qualifications Framework
OJT	On the Job Training

Glossary

Term	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.
Long Term Training	Long-term skilling means any vocational training program undertaken for a year and above. https://ncvet.gov.in/sites/default/files/NCVET.pdf