

QUALIFICATION FILE

Mobile Device Management Analyst

☒ 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: 5

Submitted By:

IT-ITeS Sector Skills Council NASSCOM (SSC NASSCOM)

Plot No. - 7, 8, 9 & 10

Sector - 126, Noida, Uttar Pradesh - 201303

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Section 1: Basic Details

1.	Qualification Name	Mobile Device Management Analyst													
2.	Sector/s	IT/ITeS													
3.	Type of Qualification: ☐ New ☐ Revised ☐ Has Electives/Options ☐ OEM	NQR Code & version of the existing /previous qualification: 2020/ITES/ITSSC/03797 & Version 2	Qualification Name of the existing/previous version: Mobile Device Management Analyst												
4.	a. OEM Name b. Qualification Name (Wherever applicable)	NA													
5.	National Qualification Register (NQR) Code &Version (Will be issued after NSQC approval)	QG-05-IT-03641-2025-V2-NASSCOM & Version 3	6. NCrf/NSQF Level: 5												
7.	Award (Certificate/Diploma/Advance Diploma/ Any Other (Wherever applicable specify multiple entry/exits also & provide details in annexure)	Certificate													
8.	Brief Description of the Qualification	The qualification in Mobile Device Management focuses on developing and implementing effective strategies for managing mobile devices within an organization. It encompasses the configuration and maintenance of compliance policies, remote installation and management of business applications, and proactive monitoring to secure devices against potential threats. Additionally, this qualification includes integrating Mobile Device Management systems with existing enterprise systems to ensure seamless operations and data security. This role is vital in today's digital landscape, where mobile technology is integral to business success.													
9.	Eligibility Criteria for Entry for Student/Trainee/Learner/Employee	a. Entry Qualification & Relevant Experience: * Relevant Field- Software Development (Web and Mobile)/Computer Science/IT The relevant experience would include work, internship and apprenticeship after completion of relevant educational qualification. ** UG or diploma with courses related to Engg. / Science <table border="1"> <thead> <tr> <th>S. No.</th> <th>Academic/Skill Qualification (with Specialization - if applicable)</th> <th>Required Experience (with Specialization - if applicable)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Completed 2nd year of 3-year/ 4-year UG**</td> <td>No Experience required</td> </tr> <tr> <td>2.</td> <td>Completed 3-Year Diploma** after 10th</td> <td>1.5 year of relevant experience*</td> </tr> <tr> <td>3.</td> <td>Previous Relevant qualification of NSQF level 4</td> <td>3 years of relevant experience*</td> </tr> </tbody> </table>		S. No.	Academic/Skill Qualification (with Specialization - if applicable)	Required Experience (with Specialization - if applicable)	1.	Completed 2nd year of 3-year/ 4-year UG**	No Experience required	2.	Completed 3-Year Diploma** after 10 th	1.5 year of relevant experience*	3.	Previous Relevant qualification of NSQF level 4	3 years of relevant experience*
S. No.	Academic/Skill Qualification (with Specialization - if applicable)	Required Experience (with Specialization - if applicable)													
1.	Completed 2nd year of 3-year/ 4-year UG**	No Experience required													
2.	Completed 3-Year Diploma** after 10 th	1.5 year of relevant experience*													
3.	Previous Relevant qualification of NSQF level 4	3 years of relevant experience*													

10.	Credits Assigned to this Qualification, Subject to Assessment <i>(as per National Credit Framework (NCrF))</i>	16	11. Common Cost Norm Category (I/II/III) <i>(wherever applicable):</i> II																				
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>139:00</td> <td>251:00</td> <td>90:00</td> <td>-</td> <td rowspan="2">480:00</td> </tr> <tr> <td>(Online)</td> <td>139:00</td> <td>251:00</td> <td>90:00</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)	139:00	251:00	90:00	-	480:00	(Online)	139:00	251:00	90:00	-
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Classroom (offline)	139:00	251:00	90:00	-	480:00																		
(Online)	139:00	251:00	90:00	-																			
14.	Aligned to NCO/ISCO Code/s <i>(if no code is available mention the same)</i>	NCO-2015/NIL																					
15.	Progression path after attaining the qualification <i>(Please show Professional and Academic progression)</i>	This entry should refer to one or more of the following: Professional progression: Application Developer – Web & Mobile																					
16.	Other Indian languages in which the Qualification & Model Curriculum are being submitted	Hindi																					
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: Visual, Hearing or Speech impairment, Locomotor Disability																					
19.	How Participation of Women will be Encouraged	The Program is gender neutral although to increase women’s participation, organizations are keeping aside a few seats to encourage female candidates.																					
20.	Are Greening/ Environment Sustainability Aspects Covered <i>(Specify the NOS/Module which covers it)</i>	☒ Yes ☐ No DGT/VSQ/N0102 Employability Skills																					
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: Namrata Kapur Email: standards@nasscom.in																					

		Contact No.: 0120-4990111 Website: https://www.sscnasscom.com/	
23.	Final Approval Date by NSQC: 18-Feb-25	24. Validity Duration: 3 years	25. Next Review Date:18-Feb-28

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/NSQF 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.	Bridge Module	NA	NA	NA	1	17:00	13:00	00:00	00:00	30:00	NA	NA	NA	NA	NA	NA
2.	Develop the organization's mobile device management strategy	SSC/N8456 & V1.0	Core	5	3	20:00	40:00	30:00	00:00	90:00	30	50	-	20	100	15
3.	Manage and maintain mobile device configuration, compliance policies in the mobility solutions of the organization	SSC/N8431 & V3.0	Core	5	3	20:00	40:00	30:00	00:00	90:00	30	50	-	20	100	15
4.	Install, configure and manage business applications remotely on mobile devices	SSC/N8432 & V3.0	Core	5	2	20:00	40:00	00:00	00:00	60:00	30	50	-	20	100	15

S. No	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/Non-Core	NCrF/NSQF 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)
5.	Monitor and secure mobile devices in case of security threats	SSC/N8433 & V3.0	Core	5	2	20:00	40:00	00:00	00:00	60:00	30	50	-	20	100	15
6.	Integrate Mobile Device Management systems with the existing enterprise systems	SSC/N8434 & V3.0	Core	5	3	20:00	40:00	30:00	00:00	90:00	30	50	-	20	100	15
7.	Strategies device integrity and secure protocols for better consumer experience	SSC/N8457 & V1.0	Core	5	1	10:00	20:00	00:00	00:00	30:00	30	50	-	20	100	15
8.	Employability Skills (30 Hrs)	DGT/VSQ/ N0101& V1.0	Non-Core	2	1	12:00	18:00	00:00	00:00	30:00	20	30	-	-	50	10
Duration (in Hours) / Total Marks					16	139:00	251:00	90:00	00:00	480:00	200	330	-	120	650	100

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.)

Section 3: Training Related

1.	Trainer's Qualification and experience in the relevant sector (in years) (as per NCVET guidelines)	Educational Qualification: Graduate in any discipline, preferably Engineering/Science/Computer Science/Electronics and Engineering /Information Technology. Industry & Training Experience: 2 years of industry experience in the field of Mobile Device Management.
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		Certification: "Trainer" mapped to the Qualification Pack "MEP/Q2601" Minimum accepted score is 80% aggregate.
2.	Master Trainer's Qualification and experience in the relevant sector (in years) <i>(as per NCVET guidelines)</i>	Educational Qualification: Graduate in any discipline, preferably Engineering/Science/Computer Science/Electronics and Engineering /Information Technology. Industry & Training Experience: 4 years of industry experience in the field of Mobile Device Management. Certification: "Master Trainer" mapped to the Qualification Pack "MEP/Q2602" Minimum accepted score is 90% aggregate
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	NA

Section 4: Assessment Related

1.	Assessor's Qualification and experience in relevant sector (in years) <i>(as per NCVET guidelines)</i>	Educational Qualification: Graduate in any discipline, preferably Engineering/Science/Computer Science/Electronics and Engineering /Information Technology. Industry & Training Experience: 2 years of industry experience in the field of Mobile Device Management. Certification: "Assessor" mapped to the Qualification Pack "MEP/Q2701" Minimum accepted score is 80% aggregate.
2.	Proctor's Qualification and experience in relevant sector (in years) <i>(as per NCVET guidelines)</i>	Educational Qualification: Graduate in any discipline, preferably Engineering/Science/Computer Science/Electronics and Engineering /Information Technology. Industry & Training Experience: 2 years of industry experience in the field of Mobile Device Management. Certification: "Assessor" mapped to the Qualification Pack "MEP/Q2701" Minimum accepted score is 80% aggregate.
3.	Lead Assessor's/Proctor's Qualification and experience in relevant sector (in years) <i>(as per NCVET guidelines)</i>	Educational Qualification: Graduate in any discipline, preferably Engineering/Science/Computer Science/Electronics and Engineering /Information Technology Industry & Training Experience: 4 years of industry experience in the field of Mobile Device Management. Certification: "Lead Assessor" mapped to the Qualification Pack "MEP/Q2702" Minimum accepted score is 90% aggregate.
4.	Assessment Mode <i>(Specify the assessment mode)</i>	The assessment shall be conducted through an online proctored format, incorporating scenario-based multiple-choice questions designed to effectively evaluate practical understanding and real-world application of concepts. Additionally, it will include a viva-voce and hands-on practical evaluation to comprehensively assess the individual's proficiency in specific learning outcomes.

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>
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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): NA
2.	Latest Market Research Reports or any other source (not older than 2 years) (Yes/No): NA
3.	Government /Industry initiatives/ requirement (Yes/No): NA
4.	Number of Industry validation provided: 15
5.	Estimated nos. of persons to be trained and employed: 1000
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 <i>(Mandatory)</i>	Evidence of Level
2.	Annexure: List of tools and equipment relevant for qualification <i>(Mandatory, except in case of online course)</i>	Tools and Equipment (lab set-up)
3.	Annexure: Detailed Assessment Criteria <i>(Mandatory)</i>	Performance Criteria Details
4.	Annexure: Assessment Strategy <i>(Mandatory)</i>	Assessment Strategy
5.	Annexure: Blended Learning <i>(Mandatory, in case selected Mode of delivery is "Blended Learning")</i>	NA
6.	Annexure: Multiple Entry-Exit Details <i>(Mandatory, in case qualification has multiple Entry-Exit)</i>	NA
7.	Annexure: Acronym and Glossary <i>(Optional)</i>	NA

8.	Supporting Document: Model Curriculum (<i>Mandatory – Public view</i>)	MC_SSC/Q8405_Mobile Device Management Analyst_v2.0
9.	Supporting Document: Career Progression (<i>Mandatory - Public view</i>)	NA
10.	Supporting Document: Occupational Map (<i>Mandatory</i>)	IT-ITeS Occupation Map
11.	Supporting Document: Assessment SOP (<i>Mandatory</i>)	Assessment Strategy
12.	Any other document you wish to submit:	NA

Annexure: 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	A command of wide-ranging specialised theoretical and practical skills, involving variable routine and nonroutine contexts. - Define the mobile device management strategy for the organization - Manage and maintain mobile device configuration, compliance policies in the mobility solutions of the organization - Install, configure and manage business applications remotely on mobile devices - Monitor and secure mobile devices in case of security threats - Integrate Mobile Device Management systems with the existing enterprise systems	The individual in this role must work in a constantly changing environment where he/she needs to implement mobile device management system in the organization while actively engage with other stakeholders within the company. To perform his/her role and to collaborate with other stakeholders effectively, the individual requires a vast understanding of the processes used to manage mobile devices and applications in the organization. The individual needs to combine a knowledge of the processes along with a solid understanding of their contexts.	5
Professional and Technical Skills/ Expertise/ Professional Knowledge	Wide-ranging factual and theoretical knowledge in broad contexts within a field of work or study. - Different types of device management policies (such as BYOD, CYOD etc.) - Different types of tools to automate application deployment in mobile devices - How to implement suitable mobile device management solution - How to build and implement a comprehensive privacy and	The individual in the role must have a vast amount of knowledge across the different aspects of mobile device management. This knowledge across various disciplines must be accompanied with an in-depth understanding of each discipline to perform this role effectively.	5

	security strategy using Mobile Device Management Different types of tools to automate the application deployment process		
Employment Readiness & Entrepreneurship Skills & Mind-set/Professional Skill	Wide range of cognitive and practical skills required to generate solutions to specific problems in a field of work of study. • Knowledge of how to register the devices that can access organization's network • How to perform timely installation of patches and updates of solution software and firmware • How to regularly scan devices using mobile device management systems • How to perform over-the-air installation and update of applications • How to manage access to different mobile devices • How to maintain and continuously update inventory of mobile devices in the organization	The role demands a skillset that allows the individual to mobile device management strategy. This requires a wide range of skills. The individual therefore needs to be proficient at using several tools must have the analytical ability to use them effectively.	5
Broad Learning Outcomes/Core Skill	Good logical and mathematical skill understanding of social political and natural environment and organising information, communication and presentation skill. • Knowledge of different types of device management policies • Knowledge of different mobile device management solutions • Knowledge of security parameters to be monitored for securing mobile devices • How to integrate Mobile Device Management systems with the existing enterprise systems	The individual must apply device management skills along with a sound understanding of the larger business, technological and regulatory trends. This would enable him/her to manage mobile devices in the organization effectively.	5
Responsibility	Full responsibility for output of group and development • How to develop your knowledge, skills and competence • How to build and maintain relationships at the workplace • How to convince others to take appropriate action in different situations • How to manage and collaborate with stakeholders for project success	The role demands working in a team to create and maintain applications. This may involve helping peers with their work from time to time and providing feedback and advice to help improve the quality of their work. Since this role is likely to have people reporting to it, the individual performing this role is supposed to take responsibility for the output and the development of the entire team.	5

Annexure: 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	1. Mobile-Based Tools • KDE Connect 2. Google Workspace 3. Mobile Device Emulators • Flyve MDM • WSO2 Identity Server		As per requirements

Classroom Aids

The aids required to conduct sessions in the classroom are:

1. Microphone/Voice System
2. White Board
3. Maker
4. Projector
5. laptop

Annexure: 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)
1.	PwC India	Yatharth Bhatnagar	Software Engineer	Pune	7276325777	yatharth23@gmail.com	
2.	Siemens Digital Industries Software	Snehal Pandey	Software Engineer	Pune	7387151993	snehalpande93@gmail.com	
3.	Dell Technologies	Ariba Syed	Software Engineer	Surat		ariba.syed2017@gmail.com	
4.	Protiviti Global Business Consulting	Sakshi Samtani	Senior Manager	Mumbai	8080536463	sakshi3192@gmail.com	
5.	Nasdaq Inc	Alfiya Khan	Software Engineer	Unit 201 and 203, Akruti Center Point, MIDC Road, Andheri (East) Mumbai: 400-093, India.	8109690056	alfiya.Khan@Nasdaq.com	
6.	Infosys Ltd	Shraddha Sethiya	Technology Analyst	No. 44 & 97/A, Infosys Avenue, Next SBI Bank, Hosur Road, Electronic City- Bengaluru 560100, Karnataka, India	99267854201	shraddha.sethiya@infosys.com	
7.	Deloitte Support Services Private Limited	Shreya Sharma	Senior Analyst (PMO)	Hyderabad Deloitte Towers, Mindspace Road, P Janardhan Reddy Nagar, Gachibowli, Hyderabad, Telangana 500032	8999530108	shreyasharma5@deloitte.com	
8.	Capgemini	Shruti Gupta	Manager	Chennai, Tamil Nadu, India	9004343572	shrutivijendra@gmail.com	
9.	Sopra Steria India	Rikan Singh	Team Leader	Plot No. 20 & 21, Seaview Special Economic Zone, Building 4, Sector 135, Noida, Uttar Pradesh 201304	9899507967	rikan.singh@soprasteria.com	
10.	Sycamore Informatics	Rahul Kumar Kaushik	Product Manager	No. 6, 2nd Floor, 2nd Main, Arekere, Off Bannerghatta Road, Bangalore 560076	8859885973	rahul.kaushik@sycamoreinformatics.com	
11.	Movate	Rohit Kumar Sharma	Manager - Development	A-21, sector 4, Block A, Kailash Colony, Greater Kailash, New Delhi,	9927564461	rohit.sharma.movate@gopangea.com	
12.	GlobalLogic	Rashid Muhammad	Associate Manager	Oxygen Business Park SEZ, Tower, 3, Noida-Greater Noida	8881474420	rashid.muhammad@globallogic.com	

13.	HCL Tech	Sheeloo Sachan	Technical Specialist	Plot No 3A, Sector 126, Noida, Uttar Pradesh 201301	9717036547	sachan.sheeloo@gmail.com	
14.	Globant	Rishi Kumar	Analytics	Wing A & B, Level 5, Tower IV, Cybercity, Magarpatta City, Hadapsar, Pune – 411 013. Pune	9717036547	rishi.kumar@globant.com	
15.	Reckitt Benckiser	Sachin Sharma	Demand Manager	Udyog Vihar, Phase V, Gurgaon, Haryana	9758573077	Sachin.Sharma@rb.com	
16.	PWC	Mahbub Khan	Human Capital Lead	Pine Valley 4th Floor, Village, Intermediate Ring Rd, Embassy Golf Links Business Park, Challaghatta, Bengaluru, Karnataka 560071			
17.	Mindtree	Rosalee M Kombial	Vice President- People Function	LTIMindtree Ltd, Global Village, RVCE Post, Mysore Road, Bengaluru-560059, Karnataka.			
18.	Tech Mahindra	Krishna Ramaswami	Head- Human Resources	Gateway Building, Apollo Bunder, Mumbai- 400001			
19.	Capital Numbers	Mrs. Paromita Biswas Panja	HR	Mani Casadona- IT Building, unit Number 8E4, 8th Floor, Plot 2 F/4, Action Area # 2 F New Town, Rajarhat, Kolkata: 700156, West Bengal, India	033 6799 2222	info@capitalnumbers.com	
20.	Merce Technologies	Mr Jayant Bhatt	Operation Head	301 Technocity, X-5/3, T.T.C. Industrial Area, MIDC Industrial Area, Mahape, Navi Mumbai, Maharashtra 400710		accounts@remiges.tech	
21.	eSquare	Md.Ali	Director Operation	5, AC- 709, 5th A Cross Road, Balachandra Layout, HRBR Layout 2nd Block, HRBR Layout, Kalyan Nagar, Bengaluru, Karnataka- 560043			
22.	Senrysa Technologies Private Limited	Triparna Mukherjee	HR Business Partner & Leadership Acquisition	6th Floor, TOWER-1, GODREJ WATERSIDE, DP Block, Sector V, Bidhannagar, Kolkata, West Bengal 700091	033 66212222	mail.senrysa.com	
23.	MaxMobility	Arijeet Mukherjee	CEO	2nd Floor, Unit, Block-2b, ECOSPACE BUSINESS PARK, 202B, AA II, Newtown, Kolkata, Chakpachuria, West Bengal 700156		infomaxmibilty.in	
24.	Prerogative Business Solution Pvt.Ltd.	Sujit Singha Roy	Director	9 Victoria Park, GN Block, Sector V, Bidhannagar, Kolkata, West Bengal 700091			

25.	DXC Technology	Lokendra Sethi	Vice President- Human Resources	Hosur Rd, near to THE OTTERA HOTEL, Konappana Agrahara, Electronic City, Bengaluru, Karnataka 560100			
26.	Mass Mutual India	Ravi Tangirala	Head GCC	7th Floor, Block I, BSR IT SEZ, Financial District Nanakramguda Village, Serilingampalle (M), Hyderabad, Telangana 500008			
27.	PI-Square Tech	Ananya Varma	HR Executive	3a, Mindspace Madhapur Rd, Mindspace, Vittal Rao Nagar, HITEC City, Hyderabad, Telangana 500081			
28.	TeckValley India Pvt. Ltd	Chandrika Prasad	Assistant Manager- HR	J-38, Block J, Sector 63, Noida, Uttar Pradesh 201301			
29.	ALLSEC Technologies	Aarav Sharma	Human Resources Department	Khykha Castle, 3rd floor, Ashok Nagar, Bengaluru, Karnataka. Lifestyle busstop to come straight take right Empire hotel walk, 25, Castle St, Ashok Nagar, Bengaluru, Karnataka 560025			
30.	Virtusa	Janardhan S	Global Head- Talent Development	Sy No.115, Nanakramguda Rd, Financial District, Serilingampalle (M), Hyderabad, Telangana 500032			

Annexure: 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
2025-2026	100	50				
2026-2027	150	90				
2027-2028	250	110				

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

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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. PMKVY
- 2.

Content availability for previous versions of qualifications:

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

Languages in which Content is available:

- 1. English
- 2. Hindi

NSQC Approved

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 Qualification	List Recommended Tools – for all Selected Components	Offline: Online Ratio
1	☒ Theory/ Lectures - Imparting theoretical and conceptual knowledge	• Handbooks • PowerPoint presentations slides • Reference material (books, online articles, websites, etc.)	
2	☒ Imparting Soft Skills, Life Skills, and Employability Skills / Mentorship to Learners	• Video conferencing and collaboration tools	
3	☒ Showing Practical Demonstrations to the learners		
4	☒ Imparting Practical Hands-on Skills/ Lab Work/ workshop/ shop floor training	• Video Play presentations • Design tools (Open Source) • Version control and file management tools	
5	☒ Tutorials/ Assignments/ Drill/ Practice	•	
6	☒ Proctored Monitoring/ Assessment/ Evaluation/ Examinations		
7	☐ On the Job Training (OJT)/ Project Work Internship/ Apprenticeship Training	•	

Annexure: Detailed Assessment Criteria

Proctored online assessment case study based question also included in the assessment.

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
SSC/N8456: Develop the organization's mobile device management strategy	PC 1. analyze the organization's work environment, business objectives, obstacles, and needs	2	3	-	1
	PC 2. determine the appropriate control measures for mobile devices to establish a suitable device policy, such as BYOD (Bring Your Own Device), CYOD (Choose Your Own Device), strict kiosk lockdown mode, COBO (Corporate-Owned Business Only), or COPE (Corporate-Owned, Personally-Enabled)	2	4	-	1
	PC 3. implement MDM solutions to manage and secure a broad range of devices, including wearables, laptops, and IoT devices, ensuring effective oversight of a diverse ecosystem of endpoints	3	4	-	2
	PC 4. establish criteria for choosing a suitable mobile device management solution for the organization	2	4	-	2
	PC 5. select and deploy an appropriate mobile device management solution within the organization	2	4	-	1
	PC 6. implement MDM solutions that effectively balance employee convenience with corporate security in response to the increasing adoption of Bring Your Own Device (BYOD) and Choose Your Own Device (CYOD) models	2	3	-	1
	PC 7. establish and outline a thorough and adaptable operational strategy for enterprise mobile devices	2	3	-	2
	PC 8. design, develop, and integrate business applications that are fully compatible with Windows-based mobile devices, focusing on performance, security, and usability	2	4	-	2
	PC 9. develop and execute a thorough privacy and security plan utilizing Mobile Device Management (MDM)	3	4	-	2
	PC 10. implement cloud-based MDM solutions that provide scalability and flexibility to support expanding device fleets and evolving business requirements	2	3	-	1

NOS/Module Name	Assessment Criteria for Performance Criteria/Learning Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
	PC 11. utilize cloud-based platforms with user-friendly interfaces and automated workflows to minimize the administrative workload on IT teams	2	3	-	1
	PC 12. Integrate user data from enterprise systems into the MDM interface to enable seamless user experiences and provide personalized access to applications and resources based on user roles, preferences, and historical behaviors	2	4	-	2
	PC 13. formulate a strategy for an expense policy regarding corporate-owned devices	2	3	-	1
	PC 14. establish metrics to evaluate the successful execution of the mobile device management strategy	2	4	-	1
	Total Marks	30	50	-	20
SSC/N8431: Manage and maintain mobile device configuration, compliance policies in the mobility solutions of the organization	PC 1. identify the devices in the organization to be monitored using mobile device management solutions	3	4	-	2
	PC 2. register the devices to monitored in the organization's network and on the mobile device management solutions	3	4	-	2
	PC 3. implement a zero-trust approach by ensuring that devices and users undergo continuous authentication and authorization without default trust	3	4	-	1
	PC 4. set up various policies around devices to secure corporate resources	3	5	-	1
	PC 5. implement MDM solutions with enhanced data encryption, loss prevention, and remote wipe features to protect sensitive corporate information	2	4	-	2
	PC 6. implement initial device configurations in compliance with the corporate rules	2	4	-	2
	PC 7. implement fingerprint and facial recognition features to enhance secure access to devices	2	4	-	2
	PC 8. integrate Mobile Device Management (MDM) with other endpoint management tools, including PC management and endpoint security solutions	2	5	-	1
	PC 9. perform timely installation of patches and updates of solution software and firmware	3	4	-	2
	PC 10. regularly scan devices to ensure they are compliant with company policy	2	4	-	2
	PC 11. integrate MDM solutions with productivity suites such as Microsoft 365 to enhance the user experience	3	4	-	1

NOS/Module Name	Assessment Criteria for Performance Criteria/Learning Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
	PC 12. generate periodic reports on the health and security of the mobile devices	2	4	-	2
	Total Marks	30	50	-	20
SSC/N8432: Install, configure and manage business applications remotely on mobile devices	PC 1. identify the target devices for installation of business application	3	4	-	2
	PC 2. initialize files and tools required for over the air installation and update of applications on the registered mobile devices	3	4	-	2
	PC 3. perform over-the-air installation and update of applications on the registered mobile devices	2	4	-	2
	PC 4. perform encryption of files to secure over the air installation and update process	2	3	-	2
	PC 5. distribute files to intended target devices	2	3	-	2
	PC 6. implement automation for the integration of new devices into the MDM platform	2	3	-	1
	PC 7. Install, configure, and update business applications on Windows-based mobile devices to meet organizational needs and requirements	2	3	-	1
	PC 8. employ AI technologies to diagnose and resolve device and application issues efficiently	2	4	-	1
	PC 9. utilize AI to predict potential issues and take proactive measures to resolve them	2	4	-	1
	PC 10. perform post-update activities such as activating updated code	2	4	-	1
	PC 11. follow the requirements of the client to install and configure business applications remotely on Andorid or iOS devices	2	4	-	2
	PC 12. track and resolve issues related to Android or iOS device management and business application usage	2	2	-	1
	PC 13. ensure business applications are compatible with the latest iOS or Android versions and update them as necessary	2	4	-	1
	PC 14. verify that the system is functioning as per specifications	2	4	-	1
	Total Marks	30	50	-	20
SSC/N8433: Monitor and secure mobile devices in case of security threats	PC 1. control access to various mobile devices and IT assets within the organization in accordance with the organization's identity and access management policies	3	4	-	2
	PC 2. assess the severity and security risks when controlling access to mobile devices	3	4	-	2
	PC 3. define security parameters to be monitored for securing mobile devices	2	4	-	2
	PC 4. implement MDM solutions with advanced threat protection features, such as malware detection, data loss prevention (DLP), and intrusion detection systems (IDS), to secure devices against emerging threats	2	3	-	2

NOS/Module Name	Assessment Criteria for Performance Criteria/Learning Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
	PC 5. implement and securely integrate biometric authentication methods, such as fingerprint and facial recognition, into MDM solutions for mobile devices	2	3	-	2
	PC 6. utilize Gen AI to analyze real-time data from mobile devices to detect unusual patterns or behaviors, accurately identifying potential vulnerabilities, malware, or suspicious activities beyond traditional rule-based systems	2	3	-	1
	PC 7. examine security performance metrics to identify discrepancies and issues, and escalate them to the relevant personnel for action	2	3	-	1
	PC 8. create security assessments to evaluate the protection of deployed devices	2	4	-	1
	PC 9. determine if the application should be licensed or open-source, depending on the client's preferences and project specifications	2	4	-	1
	PC 10. install and configure licensed applications while ensuring proper compliance with licensing agreements	2	4	-	1
	PC 11. collaborate with clients to determine the most suitable licensing options (e.g., subscription, perpetual, or open-source) for their business needs	2	4	-	2
	PC 12. maintain and continuously update inventory of mobile devices of the organization	2	2	-	1
	PC 13. create adaptive security policies utilizing Gen AI to automatically modify permissions, security configurations, and access controls according to user behavior, device usage trends, location, and device conditions	2	4	-	1
	PC 14. generate periodic reports on security incidents and share them with relevant stakeholders	2	4	-	1
	Total Marks	30	50	-	20
SSC/N8434: Integrate Mobile Device Management systems with the existing enterprise systems	PC 1. identify the enterprise systems deployed in the organizations	3	5	-	1
	PC 2. check for compatibility of the enterprise systems with the mobile device management solutions	3	5	-	2
	PC 3. Extend MDM solutions to encompass the management of IoT devices, ensuring their security, updates, and compliance	3	5	-	2
	PC 4. Integrate IoT data with enterprise systems to generate valuable insights for enhancing business operations and decision-making	3	5	-	2
	PC 5. map the process flow and the transaction of data in between sub- systems	3	5	-	2
	PC 6. plan to prevent erroneous data from being entered that disrupts the chronological events of a process	3	5	-	2
	PC 7. perform systems tests to verify that systems meet requirements	3	3	-	2
	PC 8. ensure security of systems before, during and after integration	3	5	-	2

NOS/Module Name	Assessment Criteria for Performance Criteria/Learning Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
	PC 9. Facilitate real-time data synchronization between MDM systems and enterprise applications (such as ERP, CRM, or HR systems) to ensure consistent updates of device information, user profiles, and compliance status across all platforms without manual intervention	2	4	-	2
	PC 10. Analyze data structures from both MDM and enterprise systems to automatically identify and establish relationships between various data fields, facilitating intelligent mapping to reduce errors and expedite the integration process for smooth data flow between systems	2	4	-	1
	PC 11. ensure that the privacy policies of the organization are not violated as part of the integration	2	4	-	2
	Total Marks	30	50	-	20
SSC/N8457: Strategies device integrity and secure protocols for better consumer experience	PC1. Analyze the financial implications of mobile device management (MDM) strategies and identify areas for cost optimization and revenue enhancement.	3	6	-	2
	PC2. Align MDM configurations with organizational revenue objectives by prioritizing user experience and functionality that drive operational efficiency and profitability	3	6	-	2
	PC3. Customize MDM systems and policies to meet specific organizational needs, ensuring scalability and flexibility	4	6	-	2
	PC4. Conduct requirement analysis to understand customer and employee needs regarding mobile device usage, applications, and accessibility	3	6	-	3
	PC5. Implement user-friendly configurations that meet diverse customer requirements and enhance productivity	3	6	-	3
	PC6. Develop and implement robust security measures, such as encryption and multi-factor authentication, within the MDM framework	4	5	-	2
	PC7. Ensure all MDM strategies comply with data protection regulations (e.g., GDPR, CCPA)	3	5	-	2
	PC8. Ensure that MDM tools and policies consider accessibility standards (e.g., WCAG) to provide equitable device usage for all users	4	5	-	2
	PC9. Regularly review MDM configurations and policies to ensure inclusivity and address barriers for users with disabilities	3	5	-	2
	Total Marks	30	50	-	20
DGT/VSQ/ N0101 Employability Skills (30 Hrs)	PC 1. Introduction to Employability Skills	1	1	-	-
	PC 2. Constitutional values – Citizenship	1	1	-	-
	PC 3. Becoming a Professional in the 21st Century	2	4	-	-
	PC 4. Basic English Skills	2	3	-	-
	PC 5. Career Development & Goal Setting	1	2	-	-

NOS/Module Name	Assessment Criteria for Performance Criteria/Learning Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
	PC 6. Communication Skills	2	2	-	-
	PC 7. Diversity & Inclusion	1	2	-	-
	PC 8. Financial and Legal Literacy	2	3	-	-
	PC 9. Essential Digital Skills	3	4	-	-
	PC 10. Entrepreneurship	2	3	-	-
	PC 11. Customer Service	1	2	-	-
	PC 12. Getting Ready for Apprenticeship & Jobs	2	3	-	-
	Total Marks	20	30	-	-
Grand Total Marks		200	330	-	120

Annexure: Assessment Strategy

Assessment Process Overview

Batch Creation & Assessment Request:

Training Providers (TP) or Training Centers (TC), including any other authorized partner of Ministry/ Department create batches / push batches on the SIDH portal. Assessment requests are submitted through the SIDH portal or via email or other media as authorized from time to time. For NON-SIDH schemes, assessment requests are received electronically or through respective State Skill Mission portals. TP/TC initiates the assessment request through the InSDMS portal and processes the payment (where applicable).

Batch Alignment & Confirmation:

Upon payment confirmation, batches are assigned to the Assessment Agency based on factors like:

- Assessment readiness
- Availability of certified assessors for the specific job role
- Assessment capping to an assessment agency as prescribed from time to time for an AB An email communication / prescribed mode communication is sent to TP/TC for confirmation of the assessment date, with IT-ITeS SSC in the loop. Once confirmation is received, the Assessment Agency designates a TOA-certified assessor to conduct or facilitate the assessment.
- Batches are only formed when the Qualification is active.

Candidate Verification & Assessment Execution:

Candidate details are verified and documented at the beginning of the assessment by a certified assessor. A Quality Assurance (QA) mechanism is enforced, requiring an undertaking from the TC. Regular feedback is collected from TP/TC to ensure continuous improvement.

Evidence Collection & Validation:

Proctors or assessors capture date/time-stamped and geo-tagged photographs of the assessment location during the process. Attendance is also ensured offline. A PC-wise result analysis is conducted to refine assessment standards.

Monitoring & Compliance:

Batch monitoring follows established protocols, ensuring adherence to assessment guidelines. Sample based surprise visits are conducted at TC locations during both training and assessments to verify compliance. This structured approach ensures transparency, quality control, and validation throughout the assessment process.

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.

Assessment Quality Assurance levels/Framework:

IT-ITeS SSC nasscom is responsible for the development and periodic review of the question bank developed for a specific job role. We publish an openly accessible sample /model question paper on our website for all stakeholders. The quality of the Question Bank created by the assessment designer is validated by Subject matter experts on the following parameters:

- Appropriateness of the Question Bank in terms of facts, data and information.
- Checks for grammar, spellings, scripting and formatting.
- The information provided should be specific enough to remove any ambiguity in answers/solutions to the question.
- Relevance – Assessing the topic well w.r.t. the job role.
- Check if the difficulty level of each question is as per the matrix.
- Check if the images used in the question are clear and relevant.
- All variables, symbols and abbreviations used must be declared.
- The correct answer option should be unique, and the options should not be overlapping

Annexure: 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