National Council for Vocational Education & Training (NCVET)

Agenda

For

22nd Meeting

of

NATIONAL SKILLS QUALIFICATION COMMITTEE

Date: 25th August 2022

Time: 12 PM

Contents

1. **AGENDA ITEM 01: Confirmation of the Minutes of 21st Meeting of the NSQC held on 28th July 2022**

Minutes of the 21st Meeting of NSQC held on 28th July 2022 were circulated. No comments have been received so far.

The Minutes are placed for confirmation by the Committee.

2. **AGENDA ITEM 02: Action Taken Report on the decisions taken in the 21st Meeting of the NSQC**

S. No	Subject Matter pertains to	Decision of NSQC	Action Taken
1	Monitoring & Supervision Process of Awarding Bodies	NSQC desired that all the recognized Awarding Bodies (ABs) shall share the details of the Training Centres affiliated, trainings conducted including data on assessments and placement, with respect to each NSQF aligned and approved qualification through various Govt./ fee-based schemes, on a quarterly basis for effective monitoring of the Qualification. The first report for the quarter ending June 2022 was to be submitted to NCVET by 16 August 2022.	The template for capturing data for monitoring and supervision for the quarter ending June 2022 was shared with all concerned ABs and data is being collated.

Training related data has been received from 13 ABs while 33 ABs are yet to submit the requisite information.

Compilation & analysis of data received is in progress. |
| 2 | Future Qualifications | Future qualifications approved earlier need to be re-aligned with the revised standardised NSQF norms with respect to the entry level criteria, notional hours, NSQF levels etc. | Concerned ABs are submitting the Qualifications incorporating revised notional hours in multiples of 30 and the Employability skills (ES) modules as applicable to their qualifications.

Work is in progress. |
| 3 | Implementation of Qualifications at school levels | Committee was informed by DoSEL that school has undertaken training in certain qualifications which are at level 2.5 or 3.5. If the children desire to progress their career in such qualifications, they need to be given hand holding for undertaking OJT to enable them to complete their certification at NSQF level 3 and level 4 respectively in the requisite NSQF aligned and approved qualification. Committee had directed that a common | Formulation of SOP is under progress |

		SOP be circulated to all the ABs, DoSEL and PSSCIVE.	

The agenda is placed for information and consideration of the Committee

3. AGENDA ITEM NO 03: Realignment & Rationalisation of 150 DGT Qualifications (CTS)

3.1**.** The Committee in the 16th meeting of NSQC, had decided that all CTS and CITS courses of duration 1 and/or 2 years currently being offered to be rationalized from existing 1600 teaching hours to:

a) 1200 Notional Hours (including Employability Skills (120 hours in case of 1 year course/ first year of the two-year course and 60 hours advanced employability skills in second year for two-year course).

b) 150 hours of OJT/ group project for better industry alignment for job readiness.

c) The students can also opt for an add on course of 240 hours (which could be one language course through NIOS for 10th/ 12th class certificate along with ITI certification or an add on short term course of up to 240 hours) as optional.

3.2**.** In addition, it was suggested that each qualification shall also include employability skills of 120 hours consisting of 12 modules which will have immense value to the trainee both as an employee as well as while exploring self-employment avenues as an entrepreneur.

3.3. Accordingly, 150 qualifications (CTS) have been standardized and rationalised in accordance with the decision of NSQC and submitted by DGT. While majority of the learning outcomes have been converted and mapped to the existing NOSs, there are few Qualifications where the work is in progress to either realign the LOs to existing NOSs and in the absence of existing NOSs for the LOs, relevant new NOSs have either been developed or are in the process of being developed. However, DGT has the complete curricula and material to cover such NOSs under development.

3.4. Keeping in view the decision of NSQC regarding rationalization of all existing NSQF aligned and approved qualifications as per the new rationalised NSQF norms and adoption of standard Employability Skills Modules developed (for 30 Hrs, 60 Hrs 90 Hrs and 120 Hrs) as also to integrate the NSQF aligned and approved qualifications with provisions of National Credit Framework (NCrF), DGT has submitted 150 Qualifications (CTS) which were earlier approved in-principle by NSQC in 16th NSQC, for concurrence as DGT are to be implemented from the ensuing academic session commencing from Sept 2022.

3.5 All the above mentioned DGT qualifications have been deemed approved and Qualification (NQR) code allotted with the following provisions:

a) The Learning Outcomes mapped to the existing NOSs have been deemed approved as they are already NSQF aligned and approved in various NSQCs. Any change required in the NOSs to the extent of 20% is already allowed in the NCVET guidelines and DGT may go ahead with the same.

b) The DGT shall complete the mapping and conversion of remaining Learning Outcomes into NOSs under intimation to NCVET. For any modification in the number of hours for individual PCs etc is to be decided by DGT.

c) Where LOs cannot be mapped to existing NOSs, new NOSs be developed by DGT for such LOs. DGT should develop model curriculum for the new NOSs in a time bound manner and as per the priority of their teaching schedule in the upcoming session and intimate to the NCVET for uploading the same on NQR.

d) The status of all CTS qualifications is at the Annexure attached. All qualifications may be restructured/ reorganised by DGT and submitted to the NCVET **'on priority'** for uploading the same on NQR. Even if the NOS names and numbers for the new NOSs have not been finalised, DGT may submit the same indicating timelines against each NOS in the qualification for uploading on NQR.

3.6 DGT has submitted their commitment to comply and abide by the guidelines conveyed on the restructuring of the DGT qualifications as per the Minutes of the 16th NSQC Meeting held on 24th February 2022

The matter is placed for the ratification of the NSQC.

4.	AGENDA ITEM NO 04: Submission of Qualifications for NSQF Alignment

4.1 A total of one hundred four (27 New and 77 Revised) qualifications have been received till 30th June 2022. Of these, 84 qualifications are being considered for placing in the 22nd NSQC. The remaining twenty (20) qualifications could not be considered due to non-submission of complete documents. The details of 84 qualifications under consideration are as under: -

a) New QFs   - 20
b) Revised QFs- 64.

4.2 The summary of the Qualifications is at **Annexure I**. The snapshot of qualifications being considered is as below:

Sr. No	Name of the Submitting Body	Files considered for NSQC		
		New	**Revised**	**Total**
	CENTRAL MINISTRIES			
1	INDIAN ARMY (Directorate General of Signals)	07*	00	07
2	NIELIT	1	11	12
3	RSA, Ministry of Textiles	00	14	14
	STATES			
Qualifications for Agniveers, Indian Army				

1	ASAP, KERALA	1	2	3
	SECTOR SKILL COUNCIL			
1	AGRI SSC	1	0	1
2	CAPITAL GOODS	0	1	1
3	RUBBER	0	8	8
4	NASSCOM	0	14	14
5	LOGISTICS	3	08	11
6	SCPWD	7	06	13
	GRAND TOTAL	**20**	**64**	**84**

Submitted for the kind consideration and approval of the Committee.

<div align="right">ANNEXURE I</div>

Summary of Qualifications submitted for NSQF alignment

AWARDING BODY- Central Ministries (Ministry of Defence)

I. SUBMITTING BODY: Directorate General of Signals

A. SECTOR- Telecom (07 New Qualifications)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1.	Data Network Technician	Technician Telecommunication, Mechanic, Network admin of campus Area Network, Network devices servicing staff Customer Premise Equipment (CPE) Agent	12th Class with PCM & English with min 50% aggregate & min 40 % in each subject. OR 12th pass (reg / NIOS with 1-year Vocational Education & training (NTC or NAC or CITS)	**990 hours** (Theory- 390 Hrs Prac- 600 Hrs OJT – 4818 Hrs)	4.5	Data Network Assistant Supervisor
2.	Data Security Technician	Info Technology support staff. Data network Security Administrator.	12th Class with PCM & English with min 50% aggregate & min 40 % in each subject. OR 12th pass (reg / NIOS with 1-year Vocational Education & training (NTC or NAC or CITS)	**990 hours** (Theory- 390 Hrs Prac- 600 Hrs OJT – 4818 Hrs)	4.5	Data Security Assistant Supervisor
3.	Inventory Mgmt Technician	Warehouse supervisor. Inventory Supervisor. Storekeeper Assistant	12th Class with PCM & English with min 50% aggregate & min 40 % in each subject. OR 12th pass (reg / NIOS with 1-year Vocational Education & training (NTC or NAC or CITS)	**990 hours** (Theory- 390 Hrs Prac- 600 Hrs OJT – 4818 Hrs)	4.5	Inventory mgmt asst Supervisor
4.	Technician (Media and Entertainment)	Photoshop Designer IT Assistant Video Editor Short movie editor	12th Class with PCM & English with min 50% aggregate & min 40 % in each subject. OR 12th pass (reg / NIOS with 1-year Vocational Education & training (NTC or NAC or CITS)	**990 hours** (Theory- 390 Hrs Prac- 600 Hrs OJT – 4818 Hrs)	4.5	Assistant Developer (Media & Entertainment)
5.	Technician (Power Distribution & Maint)	Telecom Maintenance System Technician Public Address System Technician	12th Class with PCM & English with min 50% aggregate & min 40 % in each subject.	**990 hours** (Theory- 390 Hrs	4.5	Assistant Supervisor (Power

			OR 12th pass (reg / NIOS with 1-year Vocational Education & training (NTC or NAC or CITS)	Prac- 600 Hrs OJT – 4818 Hrs)		Distribution & Maintenance)
6.	Technician (Software & Application Development)	Mobile App Developer. Testing of Application Software Call Centre Software Maintenance	12th Class with PCM & English with min 50% aggregate & min 40 % in each subject. OR 12th pass (reg / NIOS with 1-year Vocational Education & training (NTC or NAC or CITS)	**990 hours** (Theory- 390 Hrs Prac- 600 Hrs OJT – 4818 Hrs)	4.5	Assistant Supervisor (Software & Application Development)
7.	Technician (Telecom Network)	System Technician Telecom Field Officer Exchange Operator Exchange Technician	12th Class with PCM & English with min 50% aggregate & min 40 % in each subject. OR 12th pass (reg / NIOS with 1-year Vocational Education & training (NTC or NAC or CITS)	**990 hours** (Theory- 390 Hrs Prac- 600 Hrs OJT – 4818 Hrs)	4.5	Assistant Supervisor (Telecom Network). Supervisor Call Centre

II. AWARDING BODY- Central Ministries: NIELIT

A. SECTOR- IT, (1 New Qualification)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Certified Office Automation and IT Assistant	Office Automation	10th Pass Or 8th Class Pass and pursuing continuous regular schooling Or 8th Class Pass + 2 Years ITI in relevant field Or 8th Class Pass + 1 Year of Experience in relevant field Or NSQF Level 2 with 1 Year of Experience in relevant field	Total 450 Theory: 150 Practical: 240 OJT: 30 ES: 30	3	Professional: Clerical staff→ Data Entry Operator/Junior Technician → Senior Technician → Programmer → Project Leader → Project Manager Academic: IT O level-> IT A level -> IT B level After completion of the course, student can go further specialized course in Multimedia, Hardware & Networking

B. SECTOR- IT, (03 Revised Qualifications)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	B Level 'IT'	IT Application	NIELIT 'A' Level DOEACC Scheme with graduation under DOEACC Scheme Or Government recognized PGDCA/ BCA/ B.Sc. (IT)/ B.Sc. (Computer Science)	Total: 2520 Theory: 660 Practical: 1140 Project: 600 ES: 120	6	Academic: C-Level IT-> M.Tech (CS)->Ph.D Professional: - - Full Stack Developer/ Full Stack Web Developer-> Sr Full Stack Web Developer-> Project Manager - Data Scientist/Analyst-> Big Data Analytics Architect-> Analytics Manager -IoT Developer/ Architect -> Sr. IoT Developer/ Architect-> Chief Internet of Things Officer - Business Intelligence Analyst -> Business Intelligence Manager-> Business Intelligence Director - Information Security Analyst-> Information Security Engineer-> Security Architect, IT-> Director of IT Security -Training Faculty-> Sr Faculty-> Head of Dept - Freelancer (self- employed/ Entrepreneur)
2	Certified Computer Application Accounting and	Accounting and Desktop Publishing	10th Pass Or 8th Class Pass and pursuing continuous regular schooling	Total: 300 Theory: 90 Practical: 150 OJT: 30 ES: 30	3	Professional Progression: Account Assistant ->Admin -cum - Finance Assistant

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
	Publishing Assistant		Or 8th Class Pass + 2 Years ITI in relevant field Or 8th Class Pass + 1 Year of Experience in relevant field Or NSQF Level 2 with 1 Year of Experience in relevant field			Can work as trainer in Academic Institutes providing training in courses till NSQF Level-2 in the related area. Academic Progression: Higher level courses in Advanced Accounting with Tally ERP
3	Certified Data Entry and Office Assistant (Upskilling)	Data Entry Operator	10th Pass Or 8th Class Pass and pursuing continuous regular schooling Or 8th Class Pass + 2 Years ITI in relevant field Or 8th Class Pass + 1 Year of Experience in relevant field Or NSQF Level 3 qualified in related domain	Total: 210 Theory: 60 Practical: 90 OJT: 30 ES: 30	3	Professional Progression: Data Entry Operator-> Administrative Assistant->Office Assistant-> Executive Assistant Academics Progression: O-Level 'IT' -> A-Level 'IT'-> B- Level 'IT'

C. SECTOR- ELECTRONICS, (08 Revised Qualifications)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Certified Repair & Maintenance Assistant (Power Supply, Inverter & UPS)	Repair and Maintenance	10th Pass Or 8th Class Pass and pursuing continuous regular schooling Or 8th Class Pass + 2 Years ITI in relevant field Or 8th Class Pass + 1 Year of Experience in relevant field Or NSQF Level 2 with 1 Year of Experience in relevant field	Total: 360 Theory: 120 Practical: 180 OJT: 30 ES: 30	3	Academic Progression: CHM Technician(O-Level)-> CHM-A Level Professional Progression: Supervisor-> Maintenance Manager
2	Certified Electronic Product Testing Assistant	Electronics Product Services	10th Pass Or 8th Class Pass and pursuing continuous regular schooling Or 8th Class Pass + 2 Years ITI in relevant field Or 8th Class Pass + 1 Year of Experience in relevant field Or	Total: 360 Theory: 120 Practical: 180 OJT: 30 ES: 30	3	Academic: Repair & Maintenance Technician (Consumer Electronics Products) -->Installation & Repair Supervisor (Home Appliances) Professional:

			NSQF Level 2 with 1 Year of Experience in relevant field			Quality Controller-> Senior Quality Controller->Quality Inspector
3	Certified Industrial Automation Assistant	Industrial Automation Operation and Maintenance	10th Pass Or 8th Class Pass and pursuing continuous regular schooling Or 8th Class Pass + 2 Years ITI in relevant field Or 8th Class Pass + 1 Year of Experience in relevant field Or NSQF Level 2 with 1 Year of Experience in relevant field	Total: 360 Theory: 120 Practical: 180 OJT: 30 ES: 30	3	" Professional: Industrial Automation Technician ->Senior Maintenance Technician->Automation Technician In-charge Academic: Automation Technician -> PG Diploma in Industrial Automation System Design"
4	Certified Installation & Maintenance Assistant (Photocopiers and Printers)	Installation and Maintenance	10th Pass Or 8th Class Pass and pursuing continuous regular schooling Or 8th Class Pass + 2 Years ITI in relevant field Or 8th Class Pass + 1 Year of Experience in relevant field Or NSQF Level 2 with 1 Year of Experience in relevant field	Total: 300 Theory: 90 Practical: 150 OJT: 30 ES: 30	3	Academic: Installation & Repair Technician (Photocopier and Printers) -> CHM (O Level)->CHM A level Professional: Technician -->Sr. Technician--> Service manager--> Self Entrepreneur
5	Certified Installation Repair and Maintenance Assistant (Home Appliances)	Electronics Product Services	10th Pass Or 8th Class Pass and pursuing continuous regular schooling Or 8th Class Pass + 2 Years ITI in relevant field Or 8th Class Pass + 1 Year of Experience in relevant field Or NSQF Level 2 with 1 Year of Experience in relevant field	Total: 360 Theory: 120 Practical: 180 OJT: 30 ES: 30	3	Academic: Installation & Repair Technician (Home Appliances) -> CHM (O Level)->CHM A level Professional: Technician -->Sr. Technician--> Service manager--> Self Entrepreneur
6	Certified PC Hardware and Networking Assistant	Product Service Assistant	10th Pass Or 8th Class Pass and pursuing continuous regular schooling Or 8th Class Pass + 2 Years ITI in relevant field Or 8th Class Pass + 1 Year of Experience in relevant field Or NSQF Level 2 with 1 Year of Experience in relevant field	Total: 300 Theory: 90 Practical: 120 OJT: 60 ES: 30	3	"Academic: PC Hardware & Networking Technician-> Higher Level course in System Administration using UNIX/ LINUX Professional: Service technician ->Senior Service technician -> Service Supervisor"
7	Certified Repair & Maintenance Technician (Industrial Instrumentation	Industrial Automation Operation and Maintenance	12th Pass with 6 months of relevant experience Or	Total: 420 Theory: 60 Practical: 300 OJT: 30 ES: 30	4	Professional: Robot programmer/operator – Supervisor – Engineer

	&Automation System)		Pursuing 3rd Year of 3 Year Diploma in relevant field after Class 10th Or 10th Pass + 2 Year ITI in relevant field Or 8th Pass + 2 Years ITI + 2 Year experience in relevant field Or 10th Pass and pursuing continuous regular Education Or NSQF Level 3 with 2 Years of Experience in relevant field			Academic: NSQF Level-5 Courses in Industrial Automation
8	Certified **VLSI Design Engineer**	Design Engineer	Graduation in the relevant field or Graduation in any field with 1 year of relevant experience or 2 years diploma after class 12th in any field with 1 year of relevant experience or 12th class pass with 4 years of relevant experience or 10th + 2 years ITI in the relevant field with 2 years' experience in relevant field or NSQF Level 4 with 2 Years of Experience in relevant field	Total: 480 Theory: 180 Practical: 240 OJT: 30 ES: 30	5	**In Academic** This course is frequently updated in synchronization with the industry to provide the trainees in-depth knowledge and skills required by Embedded & VLSI markets around the globe. It provides comprehensive understanding about the fundamental principles, methodologies and industry practices. **In Industry** This uniquely hybrid course makes the successful participants readily employable in multiple roles available in broad spectrum of relevant industries like: (a) Circuit Layout Designing (b) Circuit Testing **Research and Development** For people interested in entrepreneurships this would be an excellent launch pad. In addition, the course also serves as a concrete platform for people involved in application research, consultancy and high-end product development in both industry and academia.

III. **SUBMITTING BODY: RSA, MINISTRY OF TEXTILES**

    A. **SECTOR- TEXILES (14 REVISED QUALIFICATIONS)**

S. No.	Qualification Name	Occupation	Entry Requirements	Notional Hours	NSQF Level	Progression
1	Vanya Silk Reeling & Spinning Manufacturer	Vanya Silk Reeling & Spinning manufacturer	Ability to read and write with 5 years of relevant exp. **OR** 5th grade pass with 3 years of relevant exp. **OR** 8th grade pass with 1years of relevant exp. **OR** 9th grade pass **OR** Previous relevant Qualification of NSQF Level 2 with 1 year of relevant exp. **OR** Previous relevant Qualification of NSQF Level 2.5 with 6 months of relevant exp.	Theory:90 Practical: 180 **Total: 270** **(30 hrs of ES included in all qualifications)**	3	**Level- 4** Asst. Supervisor Vanya Silk reeling & Spinning manufacturer. (To be Developed-Course will be developed based on industry need and SAMARTH scheme requirement.)
2	Mulberry Silk Reeling Manufacturer	Mulberry silk reeling Manufacturer	Ability to read and write with 5 years of relevant exp. **OR** 5th grade pass with 3 years of relevant exp. **OR** 8th grade pass with 1years of relevant exp. **OR** 9th grade pass **OR** Previous relevant Qualification of NSQF Level 2 with 1 year of relevant exp. **OR** Previous relevant Qualification of NSQF Level 2.5 with 6 months of relevant exp.	Theory:90 Practical: 180 **Total: 270**	3	**Level- 4** Asst. Supervisor Mulberry silk reeling manufacturer
3	Silk Weaving Manufacturer	Silk Weaving Manufacturer	• Ability to read and write with 5 years of relevant exp. **OR** 5th grade pass with 3 years of relevant exp. **OR** 8th grade pass with 1years of relevant exp. **OR**	Theory: 90 Practical: 210 **Total: 300**	3	**Level- 4** Asst. Supervisor silk weaving manufacturer

			9th grade pass **OR** Previous relevant Qualification of NSQF Level 2 with 1 year of relevant exp. **OR** Previous relevant Qualification of NSQF Level 2.5 with 6 months of relevant exp.			
4	Silk Wet Processing Manufacturer	Silk Wet Processing Manufacturer	• Ability to read and write with 5 years of relevant exp. **OR** 5th grade pass with 3 years of relevant exp. **OR** 8th grade pass with 1years of relevant exp. **OR** 9th grade pass **OR** Previous relevant Qualification of NSQF Level 2 with 1 year of relevant exp. **OR** Previous relevant Qualification of NSQF Level 2.5 with 6 months of relevant exp.	Theory: 90 Practical: 180 **Total: 270**	3	**Level- 4** Asst. Supervisor Silk Wet Processing Manufacturer.
5	Asst. Supervisor- Wool Cleaning and Scouring	Wool Cleaning and Scouring Supervisor	12th Grade pass with 01 year of relevant exp. **OR** 10th Grade Pass with 3 years of relevant experience **OR** Previous relevant Qualification of NSQF Level 3.0 (ability to R/W) with 2 years of relevant experience **OR** Previous relevant Qualification of NSQF Level 3.5 with 1 year of relevant experience	Theory: 120 Practical: 270 **Total: 390**	4	**Level 5** Wool Cleaning and Scouring
6	Machine Operator - Wool Fiber Scouring	Wool Fibre Scouring Machine Operator	Ability to read and write with 5 years of relevant exp. **OR** 5th grade pass with 3 years of relevant exp. **OR** 8th grade pass with 1 year	Theory: 90 Practical: 210 **Total:300**	3	**Level 4** Asst. Supervisor/Fitter- Wool Fiber Scouring Machine .

			of relevant exp. **OR** 9th grade pass **OR** Previous relevant Qualification of NSQF Level 2 with 1 year of relevant exp. **OR** Previous relevant Qualification of NSQF Level 2.5 with 6 months of relevant exp.			
7	Asst. Supervisor - Wool Dyeing	Wool Dyeing Supervisor	12th Grade pass with 01 year of relevant exp. **OR** 10th Grade Pass with 3 years of relevant experience **OR** Previous relevant Qualification of NSQF Level 3.0 (ability to R/W) with 2 years of relevant experience **OR** Previous relevant Qualification of NSQF Level 3.5 with 1 year of relevant experience	Theory: 120 Practical: 270 **Total: 390**	4	Level -5 Supervisor-Dyeing
8	Machine Operator - Wool Fiber Dyeing	Wool Fibre Dyeing Machine Operator	Ability to read and write with 5 years of relevant exp. **OR** 5th grade pass with 3 years of relevant exp. **OR** 8th grade pass with 1years of relevant exp. **OR** 9th grade pass **OR** Previous relevant Qualification of NSQF Level 2 with 1 year of relevant exp. **OR** Previous relevant Qualification of NSQF Level 2.5 with 6 months of relevant exp.	Theory: 90 Practical: 210 **Total: 300**	3	Level 4 Asst. Supervisor/ Fitter-Wool Dyeing Machine .
9	Machine Operator - Surgical Mask		Ability to read and write with 5 years of relevant exp. **OR** 5th grade pass with 3 years of relevant exp.	Theory: 90 Practical: 210 **Total: 300**	3	Level 4 Asst. Supervisor/Fitter: Surgical Mask

			OR 8th grade pass with 1years of relevant exp. **OR** 9th grade pass **OR** Previous relevant Qualification of NSQF Level 2 with 1 year of relevant exp. **OR** Previous relevant Qualification of NSQF Level 2.5 with 6 months of relevant exp.			
10	Machine Operator- Sanitary Napkin	Sanitary Napkin Machine Operator	Ability to read and write with 5 years of relevant exp. **OR** 5th grade pass with 3 years of relevant exp. **OR** 8th grade pass with 1years of relevant exp. **OR** 9th grade pass **OR** Previous relevant Qualification of NSQF Level 2 with 1 year of relevant exp. **OR** Previous relevant Qualification of NSQF Level 2.5 with 6 months of relevant exp.	Theory: 90 Practical: 210 **Total: 300**	3	Level 4 Asst. Supervisor/Fitter-Sanitary Napkin
11	Machine Operator- Needle Punch Nonwoven	Needle Punch Nonwoven Machine Operator	Ability to read and write with 5 years of relevant exp. **OR** 5th grade pass with 3 years of relevant exp. **OR** 8th grade pass with 1years of relevant exp. **OR** 9th grade pass **OR** Previous relevant Qualification of NSQF Level 2 with 1 year of relevant exp. **OR** Previous relevant Qualification of NSQF Level 2.5 with 6 months of relevant exp.	Theory: 90 Practical: 210 **Total: 300**	3	Level 4 Asst. Supervisor/Fitter-Needle Punch Nonwoven.

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12	Machine Operator-Thermal Bonded Nonwoven	Thermal Bonded Nonwoven Machine Operator	Ability to read and write with 5 years of relevant exp. **OR** 5th grade pass with 3 years of relevant exp. **OR** 8th grade pass with 1years of relevant exp. **OR** 9th grade pass **OR** Previous relevant Qualification of NSQF Level 2 with 1 year of relevant exp. **OR** Previous relevant Qualification of NSQF Level 2.5 with 6 months of relevant exp.	Theory: 90 Practical: 210 **Total: 300**	3	Level 4 Asst. Supervisor/Fitter-Thermal Bonded Nonwoven.
13	Machine Operator-Chemical Bonded Nonwoven	Chemical Bonded Nonwoven Machine Operator	Ability to read and write with 5 years of relevant exp. **OR** 5th grade pass with 3 years of relevant exp. **OR** 8th grade pass with 1years of relevant exp. **OR** 9th grade pass **OR** Previous relevant Qualification of NSQF Level 2 with 1 year of relevant exp. **OR** Previous relevant Qualification of NSQF Level 2.5 with 6 months of relevant exp.	Theory: 90 Practical: 210 **Total: 300**	3	Level 4 Asst. Supervisor/Fitter-Chemical Bonded Nonwoven.
14	Machine Operator-Textile Coating	Coating Machine Operator	Ability to read and write with 5 years of relevant exp. **OR** 5th grade pass with 3 years of relevant exp. **OR** 8th grade pass with 1years of relevant exp. **OR** 9th grade pass **OR** Previous relevant Qualification of NSQF Level 2 with 1 year of relevant exp.	Theory: 90 Practical: 210 **Total: 300**	3	Level 4 Asst. Supervisor/Fitter-Textile Coating Bonded Nonwoven

			OR Previous relevant Qualification of NSQF Level 2.5 with 6 months of relevant exp.			

AWARDING BODIES- STATES

IV. SUBMITTING BODY: ASAP, KERALA,

A. SECTOR: IT (1 New Qualification)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Business Analyst	Business Analyst, Data Analyst	Graduates in relevant field (quantitative field) OR 12th Class(science) and 3 years of relevant experience OR 12th Class and 01 year NTC /NAC/CITS with one year relevant experience	Theory: 210 Practical: 210 Project:120 **Total: 540+ 30hrs** Employability skills	5	Senior Business Analyst, Analytics Manager, Analytics Leader, Strategy Leader

B. SECTOR: IT (1 Revised Qualification)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	*AI and Machine (ML) Learning Developer*	AI and Machine Learning Developer	Graduates in relevant field (quantitative field)-preferably from Science/Engineering/Economics/ Mathematics OR 12th Class(science) and 3 years of relevant experience OR 12th Class and 1 year NAC/CITS with 2 years of relevant experience	Theory: 150 Practical: 240 Project:300 **Total: 690+ 30hrs** Employability skills	5	AI Machine Learning Trainee, AI Machine Learning Engineer, AI Machine Learning Developer, Head AI Machine Learning and Data

C. SECTOR: HEALTHCARE (1 REVISED QUALIFICATION)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Child Health Assistant	Child Health Assistant	Applicable only for Women OR 12th grade Pass out plus 2 years of OJT/relevant	Total Hrs: 1800 Theory 780hrs Practical	5	Child Health Therapist Child Health Supervisor

			experience in child care centre OR 10 grade pass outs plus 2 years' experience in child care centre,	540hrs Internship 480hrs Employability Skills 60 hrs.		

AWARDING BODIES- SECTOR SKILL COUNCILS

V. SUBMITTING BODY: AGRICULTURE SSC,

SECTOR: AGRICULTURE (01 New Qualification)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Technologist – (Coir Grow Media)	Plantation Crops Cultivation	8th Class Pass + ITI (2years) with 2 years of relevant experience OR 10th Class Pass with 2 years of relevant experience OR 10th Class Pass + ITI (1 year after Class 10th) with 1 year of relevant experience OR 10th Class Pass + ITI (2 years after Class 10th) OR 10th Class Pass and pursuing continuous regular schooling OR 3 Year Diploma (After 10th) OR 12th Class Pass with 6 months of relevant experience OR Previous relevant Qualification of NSQF Level 3 with 2 years of relevant experience	390 hours (Theory: 150, Practical: 240)	4	Vertical Progression-NSQF Level-5 Deputy Manager – Production or Manager - Product Development

VI. SUBMITTING BODY: CAPITAL GOODS SSC
SECTOR – CAPITAL GOODS, (1 Revised Qualifications)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression

| 1 | Stainless Steel Fabricator | Fabrication, Fitting and Assembly | 10th + 2-year ITI (after 10th Class) in the relevant field with 2 years of relevant experience
OR

3 Year Diploma in Mechanical (After 10th) in the relevant field with 2 years of relevant experience
OR

12th Class Pass with 3 years of relevant experience
OR
2-year Diploma (after 12th Class) in mechanical with 1 year of relevant experience
OR

Graduation in relevant field
OR

Graduation in any field with 1 year of relevant experience
OR

NSQF Level 4 (GTAW and MIG Welder) certificate with 2 years of experience

Age - 18 Years | T = 150
P = 360
OJT = 60
Total = 570 | 5 | Master Fabricator – Stainless Steel |

VII. SUBMITTING BODY: Rubber SSC
SECTOR – RCPSDC, (8 Revised Qualifications)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Assistant Machine Operator - Injection Moulding Plastic	Production/ Manufacturing Plastic Processing	8th Class pass with 1 year of relevant experience OR 8th Class pass with 2 years ITI in relevant trade OR 10th pass **Min age 18 years**	Theory = 120 Practical = 210 OJT = 60 Total = 390	3	Machine Operator - Injection Moulding Plastic -- Supervisor - Injection Moulding -- Shift In charge -- Production In charge -- Production Manager
2	Machine Operator - Injection Moulding Plastic	Production/ Manufacturing Plastic Processing	ITI (two years after class 8th in relevant trade) with two years of relevant experience OR 10th class with two years of relevant experience OR ITI (two years after Class 10th in relevant trade) OR	Theory = 150 Practical = 270 OJT = 60 Total = 480	4	Supervisor - Injection Moulding --Shift In charge -- Production In charge -- Production Manager

			12th class with 6 months of relevant experience OR Certificate NSQF (Level 3 – Assistant Machine Operator - Injection Moulding Plastic) with 2 years of relevant experience **Min age 18 years**			
3	Assistant Machine Operator - Stretch Blow Moulding Plastic	Production/ Manufacturing Plastic Processing	8th Class pass with 1 year of relevant experience OR 8th Class pass with 2 years ITI in relevant trade OR 10th pass **Min age 18 years**	Theory = 120 Practical = 210 OJT = 60 Total = 390	3	Machine Operator - Stretch Blow Moulding Plastic -- Supervisor - Stretch Blow Moulding -- Shift incharge -- Production Incharge -- Production Manager
4	Machine Operator - Stretch Blow Moulding Plastic	Production/ Manufacturing Plastic Processing	ITI (two years after class 8th in relevant trade) with two years of relevant experience OR 10th class with two years of relevant experience OR ITI (two years after Class 10th in relevant trade) OR 12th class with 6 months of relevant experience OR Certificate NSQF (Level 3 – Assistant Machine Operator - Stretch Blow Moulding Plastic) with 2 years of relevant experience **Min age 18 years**	Theory = 150 Practical = 270 OJT = 60 Total = 480	4	Supervisor - Stretch Blow Moulding -- Shift incharge -- Production Incharge -- Production Manager
5	Assistant Operator- Plastic 3D printing **Future Skill**	Production/ Manufacturing Plastic Processing	8th Class pass with 1 year of relevant experience OR 8th Class pass with 2 years ITI in relevant trade OR 10th pass **Min age 18 years**	Theory = 120 Practical = 210 OJT = 60 Total = 390	3	Operator- Plastic 3D printing -- Manager - Printing and Packaging
6	Operator-Plastic 3D printing **Future Skill**	Production/ Manufacturing Plastic Processing	ITI (two years after class 8th in relevant trade) with two years of relevant experience OR 10th class with two years of relevant experience	Theory = 150 Practical = 270 OJT = 60 Total = 480	4	Supervisor - Printing and Packaging

S. No	Name of Qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
			OR ITI (two years after Class 10th in relevant trade) OR 12th class with 6 months of relevant experience OR Certificate NSQF (Level 3 – Assistant Operator - Plastic 3D Printing) with 2 years of relevant experience **Min age 18 years**			
7	Operator - Plastic Extrusion Machine	Production/ Manufacturing Plastic Processing	ITI (two years after class 8th in relevant trade) with two years of relevant experience OR 10th class with two years of relevant experience OR ITI (two years after Class 10th in relevant trade) OR 12th class with 6 months of relevant experience OR Certificate NSQF (Level 3- Assistant Operator- Plastic Extrusion Machine) with 2 years of relevant experience **Min age 18 years**	Theory = 150 Practical = 270 OJT = 60 Total = 480	4	Extrusion Supervisor - Production Manager
8	Assistant Operator - Plastic Extrusion Machine	Production/ Manufacturing Plastic Processing	8th Pass with 1 year of relevant experience OR 8th Pass with 2 years ITI (relevant field) OR 10th pass **Min age 18 years**	Theory = 120 Practical = 210 OJT = 60 Total = 390	3	Operator - Plastic Extrusion Machine Extrusion Supervisor Production Manager

VIII. SUBMITTING BODY: LOGISTICS SSC,

A. SECTOR: LOGISTICS (3 NEW QUALIFICATIONS)

S. No	Name of Qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	**Supply Chain Associate** Elective 1: Handling raw materials in the	Supply Chain operations	Class X OR	Mandatory hours: 390 (including 30 hours employability	3	Supply Chain Executive

	pharmaceutical manufacturing plant Elective 2: Handling leather in the footwear manufacturing plant Elective 3: Handling raw materials in the FMCG manufacturing plant Elective 4: Handling automotive components in the automotive manufacturing plant Elective 5: Handling components and parts in the electronics assembly plant		Class VIII + 2 years of ITI OR Class VIII + 1 year of ITI + 1 Year of relevant experience OR Certificate-NSQF (Loader/ Unloader or Kitting and Labelling Executive – level 2) with 1 year of relevant experience.	NOS) Elective 1: 60 Elective 2: 60 Elective 3: 60 Elective 4: 60 Elective 5: 60 **Mandatory NOS + Elective 1: 450 hours (Theory: 135 Practical: 285 OJT: 30)** **Total hours: 750**		
2	**Supply Chain Executive**	Supply Chain operations	12th Class with 6 months of relevant experience OR 10th Class Pass + ITI (2 years after Class 10th) OR 10th Class Pass and pursuing continuous regular schooling OR Certificate-NSQF (Supply Chain Associate - Level 3) with 2 Years of relevant experience,	Mandatory hours: 780 (including 60 hours employability NOS) **Mandatory NOS: 780 hours (Theory: 240 Practical: 510 OJT: 30)** **Total hours: 840**	4	Supply Chain Supervisor
3	Warehousing, Inventory, Transportation (WIT) Trainee	Warehousing Operations, Transport Operations	12th Class pursuing Students OR 11th Class pursuing Students OR 10th Class Pass and pursuing continuous regular schooling OR Certificate-NSQF (Warehouse Associate or Land Transportation Associate – level 3) with 2 years of relevant experience	Mandatory NOS: 390 hours (Theory: 90 Practical: 270)	4	This Qualification has been specially created keeping the school students in mind.

B. SECTOR: LOGISTICS (8 REVISED QUALIFICATIONS)

S. No	Name of Qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Warehouse Manager Elective 1: LSC/N0112 Automated warehouse operations Elective 2: LSC/N0113 Cold chain operations Elective 3: LSC/N0114 Dry Bulk warehouse operations Elective 4: LSC/N0115 Bonded warehouse operations **Future Skill**	Warehousing Operations, Packaging, Documentation and Reporting, Engineering/Main enance	Post-Graduation in the relevant field or Post Graduation in any field + 1 year of relevant experience or Graduate + 3 years of relevant experience OR Graduation in the relevant field + 1 year of relevant experience OR Class XII + 7 years of relevant experience OR 2-year Diploma (after 12th Class) in the relevant field + 4 years of relevant experience OR Certificate-NSQF (Warehouse Supervisor - level 5) with 3 Years of relevant experience	Mandatory hours: 660 (including 90 hours employability NOS) Elective 1: 60 Elective 2: 60 Elective 3: 60 Elective 4: 60 **Mandatory NOS + Elective 1: 720 hours (Theory: 210 Practical: 480 OJT 30)** **Total hours: 870 hours**	6	Senior Manager
2	Inventory, Materials Manager	Warehousing Operations, Packaging, Documentation and Reporting, Engineering/ Maintenance	Post-Graduation in the relevant field OR Post-Graduation in any field + 1 year of relevant experience or Graduate + 3 years of relevant experience OR Graduation in the relevant field + 1 year of relevant experience OR Class XII + 7 years of relevant experience OR 2-year Diploma (after 12th Class) in the relevant field + 4 years of relevant experience OR Certificate-NSQF (Warehouse Supervisor - level 5) with 3 Years of relevant experience	Mandatory hours: 750 (including 90 hours employability NOS) **Mandatory NOS: 750 hours (Theory: 210 Practical: 510 OJT 30)** **Total hours: 810 hours**	6	Senior Manager

3	Land Transportation - Associate	Transport Operations, Vehicle Operations, Customer Support/Relations	Class X OR Class VIII + 2 years of ITI OR Class VIII + 1 year of ITI + 1 Year of relevant experience, OR Certificate-NSQF (Loader/ Unloader - level 2) with 1 Year of relevant experience	Mandatory hours: 540 (including 30 hours employability NOS) **Mandatory NOS: 540 hours (Theory: 165 Practical: 345 OJT: 30) Total hours: 660 hours**	3	Land Transportation Executive
4	**Land Transportation Executive** Elective 1: LSC/N1005 Transport consolidation and consignment tracking Elective 2: LSC/N1006 Conduct feasibility assessment and route optimization Future Skill	Transport Operations, Vehicle Operations, Documentation and Reporting	12th Class OR 10th Class Pass + ITI (2 years after Class 10th) OR 10th Class Pass and pursuing continuous regular schooling OR Certificate-NSQF (Land Transportation Associate - Level 3) with 2 Years of relevant experience	Mandatory hours: 570 (including 60 hours employability NOS) Elective 1: 60 Elective 2: 60 **Mandatory NOS + Elective 1: 570 hours (Theory: 180 Practical: 360 OJT: 30) Total hours: 750**	4	Land Transportation Supervisor
5	Land Transportation Supervisor	Transport Operations, Vehicle Operations, Documentation and Reporting	Graduate in the relevant field OR Graduation in any field + 1 year of relevant experience OR 2-year Diploma (after 12th Class) in the relevant field + 1 year of relevant experience OR Class XII + 3 years of relevant experience OR Class 10 + 2 years of ITI + 2 years of relevant experience OR Certificate-NSQF (Land Transportation Executive - level 4) with 2 Years of relevant experience	Mandatory hours: 720 (including 60 hours employability NOS) **Mandatory NOS: 720 hours (Theory: 210 Practical: 480 OJT:30) Total hours: 840 hours**	5	Land Transportation Manager

6	Land Transportation Manager	Transport Operations, Vehicle Operations, Customer Support/Relations Documentation and Reporting	Post-Graduation in the relevant field OR Post Graduation in any field + 1 year of relevant experience or Graduate + 3 years of relevant experience OR Graduation in the relevant field + 1 year of relevant experience OR Class XII +7 years of relevant experience OR 2-year Diploma (after 12th Class) in the relevant field + 4 years of relevant experience OR Certificate-NSQF (Land Transportation Supervisor - level 5) with 3 Years of relevant experience	Mandatory hours: 780 (including 90 hours employability NOS) **Mandatory NOS: 780 hours (Theory: 210 Practical: 510 OJT: 30) Total hours: 810 hours**	6	Assistant General Manager
7	EXIM - Executive	Freight Forwarding Operations, Customs Clearance Operation	12th Class OR 10th Class Pass + ITI (2 years after Class 10th) OR 10th Class Pass and pursuing continuous regular schooling	Mandatory hours: 570 (including 60 hours employability NOS) **Mandatory NOS: 570 hours (Theory: 180 Practical: 360 OJT: 30) Total hours: 690 hours**	4	EXIM - Supervisor
8	EXIM - Supervisor	Freight Forwarding Operations, Customer Service Management, Customs Clearance Operation	Graduate in the relevant field OR Graduation in any field + 1 year of relevant experience OR 2-year Diploma (after 12th Class) in the relevant field + 1 year of relevant experience	Mandatory hours: 510 (including 60 hours employability NOS) **Mandatory NOS: 510 hours (Theory: 150 Practical: 330 OJT: 30)**	5	EXIM - Manager

			OR Class XII + 3 years of relevant experience OR Class 10 + 2 years of ITI + 2 years of relevant experience OR Certificate-NSQF (EXIM Executive - level 4) with 2 Years of relevant experience	**Total hours: 570 hours**		

IX. SUMITTING BODY: NASSCOM SSC,

SECTOR: IT (14 REVISED QUALIFICATIONS)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Analyst Endpoint (Security-Cybersecurity)	Cybersecurity	* Relevant Field- Cybersecurity Graduation in the relevant field* OR Graduation in any field with 1 year of relevant experience OR 3 Year Diploma after 10th in the relevant field* with 2 years of relevant experience OR 2 Year diploma after 12th in relevant field* with 1 year of relevant experience OR 1 year Diploma after 12th in relevant field* with 2 years of relevant experience OR 12th Class Pass with 3 years of relevant experience OR 10th + ITI (after 10th Class) in the relevant field* with 2 years of relevant experience OR Previous relevant Qualification of NSQF Level 4 (for e.g., Jr. Security analyst) with 2 years of relevant experience AND	600 Hours (150 Theory+ 300 Practical + 90 OJT + 60 ES)	5	Professional progression: Access to related qualification(s) at the next NSQF level – Senior Analyst-Endpoint Security, Senior Analyst-Application security, Senior Security Analyst, Senior-Security Operations Centre, Senior Cloud Security Analyst, etc. Academic progression: Access to other qualifications at the same NSQF level – Security Analyst, Analyst Endpoint Security, Analyst Security Operations Centre, Cloud Security Analyst, etc.

			Knowledge of one of the tools as mentioned in the "indicative list of training tools" in Section 14 of relevant Qualification File			
2	Analyst Compliance Audit -Cybersecurity	Cybersecurity	*Relevant Field-Cyber Security Graduation in the Relevant Field* OR Graduation in any field with 1 year of relevant experience OR 3 Year Diploma after 10th in the Relevant Field* with 2 years of relevant experience OR 2 Year diploma after 12th in Relevant Field* with 1 year of relevant experience OR 1 year Diploma after 12th in Relevant Field* with 2 years of relevant experience OR 12th Class Pass with 3 years of relevant experience OR 10th + ITI (after 10th Class) in the Relevant Field* with 2 years of relevant experience OR Previous relevant Qualification of NSQF Level 4 (for e.g. Jr. Analyst Compliance Audit) with 2 years of relevant experience AND Knowledge of one of the tools as mentioned in the "indicative list of training tools" in Section 14 of relevant Qualification File	570 Hours (120 Theory + 300 Practical+ 90 OJT + 60 ES)	5	Professional progression: Access to related qualification(s) at the next NSQF level – Senior- Compliance & Audit, Senior Analyst- Application security, Senior Security Analyst, Senior- Security Operations Centre, Senior Cloud Security Analyst, etc. Academic progression: Access to other qualifications at the same NSQF level – Security Analyst, Analyst Endpoint Security, Analyst Application Security, Cloud Security Analyst, etc.
3	Consultant Network Security	Cybersecurity	*Relevant Field-Cyber Security Post-Graduation in Relevant Field* OR Post-Graduation in any field with 1 year of relevant experience OR Graduation in Relevant Field* with 2 year of relevant experience OR	780 Hours (240 Theory + 360 Practical+12 0 OJT + 60 ES)	6	Professional progression: Access to related qualification(s) at the next NSQF level – Senior Consultant-Network Security, Lead Penetration Tester, Forensics Specialist, Architect-App Security, etc. Academic progression: Access

| | | | Graduation in any field with 3 years of relevant experience
OR

3 Year Diploma after Class 12th in Relevant Field* with 1 year of relevant experience
OR

3 Year diploma in Relevant Field* with 3 Years of relevant experience
OR

3-year Diploma after Class 10th in Relevant Field* with 4 years of relevant experience
OR

2 Year Diploma after Class 12th in Relevant Field* with 4 Years of relevant experience
OR

12th Pass with experience in relevant filed with 7 years of relevant experience
OR

10th+ITI (After 10th) +CITs in Relevant Field* with 4 years of relevant experience
OR

Candidates trained in Relevant Field* in qualifications of NSQF level 5 (for e.g. Analyst Network Security) with 3 years of relevant experience
AND

Knowledge of one of the tools as mentioned in the "indicative list of training tools" in Section 14 of relevant Qualification File | | | to other qualifications at the same NSQF level - Penetration Tester, Senior Security Analyst, Senior Analyst- App Security, etc. |
| 4 | IT Forensic specialist | Cybersecurity | *Relevant Field-Cyber Security

PHD in Relevant Field*
OR

PHD in any filed with 1 Year of relevant experience
OR

Post-Graduation in Relevant Field* with 1 year of relevant experience
OR

Post-Graduation in any field with 4 years of relevant experience
OR | 870 Hours (270 Theory + 420 Practical+120 OJT + 60 ES) | 7 | Professional progression: Access to related qualification(s) at the next NSQF level - Chief Information Officer, Chief Information Security Officer, etc

Academic progression: Access to other qualifications at the same NSQF level – Senior Consultant-Network Security, Architect Application |

| | | | Graduation in Relevant Field* with 4 years of relevant experience
OR

Graduation in any field with 5 years of relevant experience
OR

3 Year Diploma after Class 12th in Relevant Field* with 5 years of relevant experience
OR

Candidates trained in Relevant Field* in qualifications of NSQF level 6 (for e.g.- Sr. Analyst-Forensics) with 3 years of relevant experience
AND

1. Knowledge of Audit process, Network Audit, Basic Forensic skills, etc. (Mandatory)
2. Knowledge of one of the tools as mentioned in the "indicative list of training tools" in Section 14 of relevant Qualification File | | | Security, Security Infrastructure Specialist, Security Operations Centre Specialist, etc. |
| 5 | Information Security Specialist/Expert | Cybersecurity | *Relevant Field-Cyber Security

PHD in Relevant Field*
OR

PHD in any filed with 1 Year of relevant experience
OR

Post-Graduation in Relevant Field* with 1 year of relevant experience
OR

Post-Graduation in any field with 4 years of relevant experience
OR

Graduation in Relevant Field* with 4 years of relevant experience
OR

Graduation in any field with 5 years of relevant experience
OR

3 Year Diploma after Class 12th in Relevant Field* with 5 years of relevant experience
OR

Candidates trained in Relevant Field* in qualifications of NSQF level 6 (for e.g.- Senior Security Analyst) with 3 years of relevant experience | 750 Hours (180 Theory + 390 Practical +120 OJT+ 60 ES) | 7 | Professional progression: Access to related qualification(s) at the next NSQF level - Chief Information Officer, Chief Information Security Officer, etc.

Academic progression: Access to other qualifications at the same NSQF level - Senior Consultant Network Security, Architect Application Security, Security Operations Centre Specialist, Forensics Specialist, etc. |

			AND Knowledge of one of the tools as mentioned in the "indicative list of training tools" in Section 14 of relevant Qualification File			
6	Cloud Consultant	Cloud Computing	Post-Graduation in relevant field OR Post-Graduation in any field with 1 year of relevant experience OR Graduation in relevant field with 2 year of relevant experience OR Graduation in any field with 3 years of relevant experience OR 3 Year Diploma after Class 12th in relevant field with 1 year of relevant experience OR 3 Year diploma in relevant field with 3 Years of relevant experience OR 3-year Diploma after Class 10th in relevant field with 4 years of relevant experience OR 2 Year Diploma after Class 12th in relevant field with 4 Years of relevant experience OR 12th Pass with experience in relevant filed with 7 years of relevant experience OR 10th+ITI (After 10th) +CITs in relevant field with 4 years of relevant experience OR Candidates trained in relevant field in qualifications of NSQF level 5 with 3 years of relevant experience AND Knowledge of one of the tools as mentioned in the "indicative list of training tools" in Section 14 of Qualification File	690 Hours (180 Theory + 330 Practical + 120 OJT + 60 ES)	6	Professional progression: Senior Cloud Consultant, Senior Cloud Architect, etc. Academic progression: Cloud Architect
7	Site-reliability Analyst- Cloud Computing	Cloud Computing	*Relevant Field-Cloud Computing Graduation in the Relevant Field*	540 Hours (120 Theory+ 270	5	Professional progression: Senior Site-Reliability

| | | | OR

Graduation in any field with 1 year of relevant experience
OR

3 Year Diploma after 12th in the Relevant Field*
OR

3 Year Diploma after 12th in any field with 1 year of relevant experience
OR

3 Year Diploma after 10th in the Relevant Field* with 2 years of relevant experience
OR

2 Year diploma after 12th in Relevant Field* with 1 year of relevant experience
OR

1 year Diploma after 12th in Relevant Field* with 2 years of relevant experience
OR

12th Class Pass with 4 years of relevant experience
OR

10th + ITI (after 10th Class) in the Relevant Field* with 2 years of relevant experience
OR

Previous relevant Qualification of NSQF Level 4 (For example, Site reliability analyst) with 2 years of relevant experience
AND

Knowledge of one of the tools as mentioned in the "indicative list of training tools" in Section 14 of relevant Qualification File | Practical+
90 OJT + 60 ES) | | Analyst, Senior Infrastructure Analyst, etc.
 Academic progression: Cloud Infrastructure Analyst |
| 8 | Cloud Risk & Compliance Officer | Cloud Computing | *Relevant Field-Cloud Computing

PHD in Relevant Field*
OR

PHD in any filed with 1 Year of relevant experience
OR

Post-Graduation in Relevant Field* with 1 year of relevant experience
OR | 690 Hours (180 Theory + 330 Practical + 120 OJT + 60 ES) | 7 | Professional progression: Chief Risk and Compliance officer |

			Post-Graduation in any field with 4 years of relevant experience OR			
			Graduation in Relevant Field* with 4 years of relevant experience OR			
			Graduation in any field with 5 years of relevant experience OR			
			3 Year Diploma after Class 12th in Relevant Field* with 5 years of relevant experience OR			
			Candidates trained in Relevant Field* in qualifications of NSQF level 6 (for e.g. Sr. Cloud Risk and Compliance Analyst) with 3 years of relevant experience **AND**			
			1. Knowledge of one of the tools as mentioned in the "indicative list of training tools" in Section 14 of relevant Qualification File 2. Knowledge of Privacy Policy is Mandatory			
9	IoT - Product Manager	IoT	*Relevant Field- IoT, Product Management Post-Graduation in Relevant Field* OR Post-Graduation in any field with 1 year of relevant experience OR Graduation in Relevant Field* with 2 years of relevant experience OR Graduation in any field with 3 years of relevant experience OR 3 Year Diploma after Class 12th in Relevant Field* with 1 year of relevant experience OR 3 Year diploma in Relevant Field* with 3 Years of relevant experience OR 3-year Diploma after Class 10th in	720 Hours (210 Theory + 330 Practical + 120 OJT + 60 ES)	6	Professional progression: Lead IoT Product Manager, Lead IoT Domain specialist, Lead IoT Solution Architect, etc. Academic progression: IoT Solution Architect, IoT Domain Specialist, etc.

			Relevant Field* with 4 years of relevant experience OR 2 Year Diploma after Class 12th in Relevant Field* with 4 Years of relevant experience OR 12th Pass with experience in relevant filed with 7 years of relevant experience OR 10th+ITI (After 10th) +CITs in Relevant Field* with 4 years of relevant experience OR Candidates trained in Relevant Field* in qualifications of NSQF level 5 (e.g., IoT Product Analyst) with 3 years of relevant experience AND Knowledge of one of the tools as mentioned in the "indicative list of training tools" in Section 14 of relevant Qualification File			
10	IoT-Solution Architect	IoT	*Relevant Field- IoT, Solution architecture (AI/ML or software development) Post-Graduation in Relevant Field* OR Post-Graduation in any field with 1 year of relevant experience OR Graduation in Relevant Field* with 2 year of relevant experience OR Graduation in any field with 3 years of relevant experience OR 3-year Diploma after Class 10th in Relevant Field* with 4 years of relevant experience OR 2 Year Diploma after Class 12th in Relevant Field* with 4 Years of relevant experience OR 12th Pass with experience in relevant filed with 7 years of relevant experience	720 Hours (210 Theory + 330 Practical + 120 OJT + 60 ES)	6	Professional progression: Lead IoT Solution Architect, Lead IoT Product Manager, Lead IoT Network Specialist, etc. Academic progression: IoT Product Manager, IoT Network Specialist, etc.

			OR 10th+ITI (After 10th) +CITs in Relevant Field* with 4 years of relevant experience OR Candidates trained in Relevant Field* in qualifications of NSQF level 5 (e.g., Junior IoT Solution Architect) with 3 years of relevant experience AND Knowledge of one of the tools as mentioned in the "indicative list of training tools" in Section 14 of relevant Qualification File			
11	IoT-Software Analyst	IoT	*Relevant Field- IoT, Software Development Graduation in the Relevant Field* OR Graduation with 1 year of relevant experience OR 3 Year Diploma after 10th in the Relevant Field* with 2 years of relevant experience OR 2 Year diploma after 12th in Relevant Field* with 1 year of relevant experience OR 1 year Diploma after 12th in Relevant Field* with 2 years of relevant experience OR 12th Class Pass with 4 years of relevant experience OR 10th + ITI (after 10th Class) in the Relevant Field* with 2 years of relevant experience OR Previous relevant Qualification of NSQF Level 4 (e.g., Junior IoT Software Analyst) with 2 years of relevant experience AND Knowledge of one of the tools as mentioned in the "indicative list of	600 Hours (180 Theory + 270 Practical + 90 OJT +90 ES)	5	Professional progression: Senior IoT Software Analyst, IoT Solution Architect, IoT Product Manager, etc. Academic progression: IoT Test Analyst, IoT Product Analyst, IoT Data Analyst, etc.

			training tools" in Section 14 of relevant Qualification File			
12	IoT-Test Analyst	IoT	*Relevant Field- IoT, software testing Graduation in the Relevant Field* OR Graduation in any field with 1 year of relevant experience OR 3 Year Diploma after 10th in the Relevant Field* with 2 years of relevant experience OR 2 Year diploma after 12th in Relevant Field* with 1 year of relevant experience OR 1 year Diploma after 12th in Relevant Field* with 2 years of relevant experience OR 12th Class Pass with 3 years of relevant experience OR 10th + ITI (after 10th Class) in the Relevant Field* with 2 years of relevant experience OR Previous relevant Qualification of NSQF Level 4 (e.g., Junior IoT Test Analyst) with 2 years of relevant experience AND Knowledge of one of the tools as mentioned in the "indicative list of training tools" in Section 14 of relevant Qualification File	510 Hours (120 Theory + 240 Practical + 90 OJT + 60 ES)	5	Professional progression: Senior IoT Test Analyst, Senior IoT Software Analyst, etc Academic progression: IoT Software Analyst, IoT Product Analyst, etc.
13	**IoT-Security Specialist**	IoT	*Relevant Field- IoT, Network security, Cybersecurity Post-Graduation in Relevant Field* OR Post-Graduation in any field with 1 year of relevant experience OR Graduation in Relevant Field* with 2 years of relevant experience OR	570 Hours (120 Theory + 270 Practical + 120 OJT + 60 ES)	**6**	Professional progression: Lead IoT Security Specialist, Lead IoT Network Specialist, etc. Academic progression: IoT Network Specialist

| | | | Graduation in any field with 3 years of relevant experience
OR

3 Year Diploma after Class 12th in Relevant Field* with 1 year of relevant experience
OR

3 Year diploma in Relevant Field* with 3 Years of relevant experience
OR

3-year Diploma after Class 10th in Relevant Field* with 4 years of relevant experience
OR

2 Year Diploma after Class 12th in Relevant Field* with 4 Years of relevant experience
OR

12th Pass with experience in relevant filed with 7 years of relevant experience
OR

10th+ITI (After 10th) +CITs in Relevant Field* with 4 years of relevant experience
OR

Candidates trained in Relevant Field* in qualifications of NSQF level 5 (e.g., IoT Security Analyst) with 3 years of relevant experience
AND

Knowledge of one of the tools as mentioned in the "indicative list of training tools" in Section 14 of relevant Qualification File | | | |
| 14 | IoT-Network Specialist | IoT | *Relevant Field- IoT, Network Engineering

Post-Graduation in Relevant Field*
OR

Post-Graduation in any field with 1 year of relevant experience
OR

Graduation in Relevant Field* with 2 years of relevant experience
OR

Graduation in any field with 3 years of relevant experience
OR | 570 Hours (120 Theory + 270 Practical + 120 OJT + 60 ES) | 6 | Professional progression: Lead IoT Network Specialist, Lead IoT Solution Architect, Lead IoT Security Specialist, etc.
Academic progression: IoT Solution Architect, IoT Security Specialist, etc. |

| | | | 3 Year Diploma after Class 12th in Relevant Field* with 1 year of relevant experience OR

3 Year diploma in Relevant Field* with 3 Years of relevant experience OR

3-year Diploma after Class 10th in Relevant Field* with 4 years of relevant experience OR

2 Year Diploma after Class 12th in Relevant Field* with 4 Years of relevant experience OR

12th Pass with experience in relevant filed with 7 years of relevant experience OR

10th+ITI (After 10th) +CITs in Relevant Field* with 4 years of relevant experience OR

Candidates trained in Relevant Field* in qualifications of NSQF level 5 (e.g., IoT Network Analyst) with 3 years of relevant experience AND

Knowledge of one of the tools as mentioned in the "indicative list of training tools" in Section 14 of relevant Qualification File | | | |

X. SUMITTING BODY: PwD SSC,

A. SECTOR: PwD (7 NEW QUALIFICATIONS)

S. No	Sector	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Handicraft	Artisan-Paper Mache Products (PwD- LD)	Paper Craft Making	10th Class Pass with 2 years of experience OR 10th Class Pass + ITI (1 year after Class 10th) with 1 year Experience OR 10th Class Pass + ITI (2 years after Class 10th)	540 (120 Theory, 420 Practical and 90 recommended OJT	4	NSQF Level 5 Entrepreneur

				OR 10th Class Pass and pursuing continuous regular Schooling OR 3 Year Diploma (After 10th) OR 12th Class Pass with 6 months experience OR Previous relevant Qualification of NSQF Level 3 with 2 years of experience Min age -18 years			
				*10th class with No experience	540 (120 Theory, 420 Practical+ OJT/ internship of 8 months		
2	Handicraft	Artisan-Paper Mache Products (PwD-SHI)	Paper Craft Making	10th Class Pass with 2 years of experience OR 10th Class Pass + ITI (1 year after Class 10th) with 1 year Experience OR 10th Class Pass + ITI (2 years after Class 10th) OR 10th Class Pass and pursuing continuous regular Schooling OR 3 Year Diploma (After 10th) OR 12th Class Pass with 6 months experience OR Previous relevant Qualification of NSQF Level 3 with 2 years of experience Min age -18 years	630 (180 Theory, 450 Practical) & 90 recommended OJT)	4	NSQF Level 5 Entrepreneur
				*10th class with No experience	630 (180 Theory, 450 Practical + OJT /internship of 8 months		

3	Apparel	Finisher and Packer _PwD LD	Finisher and Packer	Ability to Read and Write with 5 years of Experience OR 5th Class Pass with 3 year of Experience OR 8th class pass with 1 year Experience OR 8th class Pass +ITI OR 8th Class Pass pursuing continuous regular schooling OR 10th Class Pass with no experience OR Previous relevant Qualification of NSQF Level 2 with 1 year experience. Min. Age: 18 Years	420 (150 theory & 270 Practical)	3	Washing Machine Operator Level 3(Horizontal)
				*5th class with No experience	420 (150 theory & 270 Practical) + OJT/internship of 12 months		
				*8th class pass with no experience	420 (150 theory & 270 Practical) + OJT/internship of 4 months		
4	Apparel	Finisher and Packer _PwD SHI	Finisher and Packer	5th Class Pass with 3 years of Experience OR 8th class pass with 1 year Experience OR 8th class Pass +ITI OR 8th Class Pass pursuing continuous regular schooling OR 10th Class Pass with no experience OR Previous relevant	510 (210 theory & 300 Practical)	3	Washing Machine Operator Level 3(Horizontal)

				Qualification of NSQF Level 2 with 1 year experience. Min. Age: 18 Years			
				*5th class with No experience	510 (210 theory & 300 Practical) + OJT/internship of 12 months		
				*8th class pass with no experience	510 (210 theory & 300 Practical) + OJT/internship of 4 months		
5	Apparel Sector	Finisher and Packer _PwD LV	Finisher and Packer	5th Class Pass with 3 years of Experience OR 8th class pass with 1 year Experience OR 8th class Pass +ITI OR 8th Class Pass pursuing continuous regular schooling OR 10th Class Pass with no experience OR Previous relevant Qualification of NSQF Level 2 with 1 year experience. Min. Age: 18 Years	600 (180 theory & 420 Practical)		Washing Machine Operator Level 3(Horizontal)
				*5th class with No experience	600 (180 theory & 420 Practical) + OJT/internship of 12 months		
				*8th class pass with no experience	600 (180 theory & 420 Practical) + OJT/internship of 4 months		
6	Apparel Sector	Hand Embroiderer (Addawala) _PwD LD	Hand Embroiderer (Addawala)	Ability to Read and Write with 5 years of Experience OR 5th Class Pass with 3 years of Experience	330 (120 Theory & 210 Practical)	3	Embroidery Machine Operator (Zigzag Machine)

			OR 8th class pass with 1 year Experience OR 8th class Pass +ITI OR 8th Class Pass pursuing continuous regular schooling OR 10th Class Pass with no experience OR Previous relevant Qualification of NSQF Level 2 with 1 year experience. Min. Age: 18 Years			
			*5th class with No experience	330 (120 Theory & 210 Practical) + OJT/internship of 12 months		
			*8th class pass with no experience	330 (120 Theory & 210 Practical) + OJT/internship of 4 months		
7	Apparel Sector	Hand Embroiderer (Addawala)_ PwD SHI	Hand Embroiderer (Addawala)	5th Class Pass with 3 years of Experience OR 8th class pass with 1 year Experience OR 8th class Pass +ITI OR 8th Class Pass pursuing continuous regular schooling OR 10th Class Pass with no experience OR Previous relevant Qualification of NSQF Level 2 with 1 year experience. Min. Age: 18 Years	420 (180 Theory & 240 Practical)	3	Embroidery Machine Operator (Zigzag Machine)

				*5th class with No experience	420 (180 Theory & 240 Practical) + OJT/interns hip of 12 months		
				*8th class pass with no experience	420 (180 Theory & 240 Practical) + OJT/interns hip of 4 months		
6	Office Administration and Facility Management	Domestic Biometric Data Operator _PwD LD	CRM	Ability to Read and Write with 5 years of Experience OR 5th Class Pass with 3 year of Experience OR 8th class pass with 1 year Experience OR 8th class Pass +ITI OR 8th Class Pass pursuing continuous regular schooling OR 10th Class Pass with no experience OR Previous relevant Qualification of NSQF Level 2 with 1 year experience. Min. Age: 18 Years	420 (120 Theory & 300 Practical)	3	Senior - Technical Associate / IT Helpdesk, Process Expert/ Specialist - Technical Support/IT Help Desk
				*5th class with No experience	420 (120 Theory & 300 Practical) + OJT/interns hip of 12 months		
				*8th class pass with no experience	420 (120 Theory & 300 Practical) + OJT/interns hip of 4 months		
7	Office Administration and Facility Management	Domestic Data Entry Operator _PwD LD	CRM	Ability to Read and Write with 5 years of Experience OR	420 (120 Theory & 300 Practical)		Senior Data entry operator

				5th Class Pass with 3 years of Experience OR 8th class pass with 1 year Experience OR 8th class Pass +ITI OR 8th Class Pass pursuing continuous regular schooling OR 10th Class Pass with no experience OR Previous relevant Qualification of NSQF Level 2 with 1 year experience. Min. Age: 18 Years			pg.
				*5th class with No experience	420 (120 Theory & 300 Practical) + OJT/internship of 12 months		
				*8th class pass with no experience	420 (120 Theory & 300 Practical) + OJT/internship of 4 months		

B. SECTOR: PwD (6 REVISED QUALIFICATIONS)

S. No	Sector	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Office Administration and Facility Management	Domestic Biometric Data Operator _PwD LD	CRM	Ability to Read and Write with 5 years of Experience OR 5th Class Pass with 3 year of Experience OR 8th class pass with 1 year Experience OR 8th class Pass +ITI OR	420 (120 Theory & 300 Practical)	3	Senior - Technical Associate / IT Helpdesk, Process Expert/ Specialist - Technical Support/IT Help Desk

				8th Class Pass pursuing continuous regular schooling OR 10th Class Pass with no experience OR Previous relevant Qualification of NSQF Level 2 with 1 year experience. Min. Age: 18 Years			
				*5th class with No experience	420 (120 Theory & 300 Practical) + OJT/internship of 12 months		
				*8th class pass with no experience	420 (120 Theory & 300 Practical) + OJT/internship of 4 months		
2	Office Administration and Facility Management	Domestic Data Entry Operator _PwD LD	CRM	Ability to Read and Write with 5 years of Experience OR 5th Class Pass with 3 year of Experience OR 8th class pass with 1 year Experience OR 8th class Pass +ITI OR 8th Class Pass pursuing continuous regular schooling OR 10th Class Pass with no experience OR Previous relevant Qualification of NSQF Level 2 with 1 year experience. Min. Age: 18 Years	420 (120 Theory & 300 Practical)		Senior Data entry operator
				*5th class with No experience	420 (120 Theory & 300 Practical) + OJT/interns		

					hip of 12 months		
				*8th class pass with no experience	420 (120 Theory & 300 Practical) + OJT/internship of 4 months		
3	Office Administration and Facility Management	Domestic Data Entry Operator _PwD SHI	CRM	5th Class Pass with 3 years of Experience OR 8th class pass with 1 year Experience OR 8th class Pass +ITI OR 8th Class Pass pursuing continuous regular schooling OR 10th Class Pass with no experience OR Previous relevant Qualification of NSQF Level 2 with 1 year experience. Min. Age: 18 Years	540 (180 Theory & 360 Practical)		Senior Data entry operator
				*5th class with No experience	540 (180 Theory & 360 Practical) + OJT/internship of 12 months		
				*8th class pass with no experience	540 (180 Theory & 360 Practical) + OJT/internship of 4 months		
4	Office Administration and Facility Management	Domestic Data Entry Operator _PwD LV	CRM	5th Class Pass with 3 year of Experience OR 8th class pass with 1 year Experience OR 8th class Pass +ITI OR	780 (180 Theory & 600 Practical)		Senior Data entry operator

				8th Class Pass pursuing continuous regular schooling OR 10th Class Pass with no experience OR Previous relevant Qualification of NSQF Level 2 with 1 year experience. Min. Age: 18 Years			
				*5th class with No experience	780 (180 Theory & 600 Practical) + OJT/interns hip of 12 months		
				*8th class pass with no experience	780 (180 Theory & 600 Practical) + OJT/interns hip of 4 months		
5	Office Administration and Facility Management	Domestic Data Entry Operator_VI	CRM	5th Class Pass with 3 years of Experience OR 8th class pass with 1 year Experience OR 8th class Pass +ITI OR 8th Class Pass pursuing continuous regular schooling OR 10th Class Pass with no experience OR Previous relevant Qualification of NSQF Level 2 with 1 year experience. Min. Age: 18 Years	810 (180 Theory & 630 Practical)		Senior Data entry operator
				*5th class with No experience	810 (180 Theory & 630 Practical) + OJT/interns hip of 12 months		

				*8th class pass with no experience	810 (180 Theory & 630 Practical) + OJT/interns hip of 4 months		
6	ITES	Web Developer _PwD LD	Application Developme nt	10th Class Pass with 2 years of experience OR 10th Class Pass + ITI (1 year after Class 10th) with 1 year Experience OR 10th Class Pass + ITI (2 years after Class 10th) OR 10th Class Pass and pursuing continuous regular Schooling OR 3 Year Diploma (After 10th) OR 12th Class Pass with 6 months experience OR Previous relevant Qualification of NSQF Level 3 with 2 years of experience Min age -18 years	420 (120 Theory & 300 Practical)	4	Vertical Progression: Sr. Web developer, Team Leader / Application Architect / Web Solution Developer
				*10th class with No experience	420 (120 Theory & 300 Practical) + OJT/interns hip of 8 months		