

National Council for Vocational Education & Training (NCVET)

Agenda

for

32nd Meeting

of

**NATIONAL SKILLS QUALIFICATION
COMMITTEE**

Date: 29th September 2023

Time: 11:30 AM

Table of Contents

1. AGENDA ITEM 01: Confirmation of the Minutes of the Meeting of the National Skills Qualification Committee (NSQC)	4
2. AGENDA ITEM 02: Action Taken Report on the Decisions Taken in the 31st Meeting of the NSQC.....	5
3. AGENDA ITEM 03: Approval of one (01) Qualification (IT -ITeS Sector) received from Ganpat University- ratification there of.....	6
4. AGENDA ITEM 04: Operationalisation of Skill India Digital (SID) and registration on SID by Awarding Bodies, Assessment Agencies	8
5. AGENDA ITEM 05: Modification in the Defence Qualification- 'Foreign Language Interpreter by Army Education Corps (AEC) approved in 31st NSQC held on 31st August 2023	9
6. AGENDA ITEM 06: Ratification of existing NSQF aligned and approved Qualifications rationalized in the multiples of 30 hours and inclusion of ES module	10
7. AGENDA ITEM 07: NSQF alignment and approval of qualifications (Upskilling NOS) for PM Vishwakarma scheme launched on 17th September 2023	15
8. AGENDA ITEM 08: Status Update on development of Modules/ Sub-Modules of Employability Skills/ Life Skills/ Soft Skills.....	16
9. AGENDA ITEM 09: Archival of non-active and expired qualifications of Skill Council for Persons with Disabilities (SCPWD)	18
10. AGENDA ITEM 10: Adoption of NSQF aligned and NSQC approved Defense Qualifications by various Directorates of Indian Army	20
11. AGENDA ITEM 11: Submission of Qualifications for NSQF Alignment & Approval	21
12. AGENDA ITEM 12: Additional Agenda/Any Other Matter with the Permission of the Chair	
23	
Annexure I.....	24
Summary of PM Vishwakarma Qualifications (Upskilling NOS)	24
Annexure II.....	27
Annexure III.....	30
Annexure IV	36
Summary of Qualifications submitted for NSQF alignment by Awarding Bodies- Central Ministries/ State Government/ other ABs.....	36
Annexure V	61

*Agenda for the 32nd Meeting of NSQC dated 29th September
2023*

Summary of NOS for NSQF Alignment and Approval	61
Annexure VI	64
Summary of Micro Credentials for NSQF Alignment and Approval	64
Annexure VII	68
Summary of Qualifications submitted for NSQF alignment by Armed Forces Awarding Bodies.....	68

1. AGENDA ITEM 01: Confirmation of the Minutes of the Meeting of the National Skills Qualification Committee (NSQC)

1.1 The Minutes of the Meeting (MoM) of 31st NSQC held on 31st August 2023 were circulated. No comments have been received.

1.2 NCVET has received four (04) editorial corrections on the MoM of the 31st NSQC meeting and two editorial amendments in the MoM of 30th Meeting of NSQC held on 23rd June 2023. The necessary corrections as per the approval accorded have been done and is given under:

S. No.	Qualification Name/ Awarding Body	Erroneously Mentioned	Corrected as per Approval accorded in 31st NSQC
1	CCTV Video Footage Auditor (Divyangjan) - LD	Conditionally Approved	Approved
2	CCTV Supervisor (Divyangjan) - LD	Approved	Conditionally Approved
3	Nursing Assistant Veterinary	Level 4.5	Level 5
4	Armoured Corps	Assistant Security Driver	Assistant Security Officer

S. No.	Qualification Name	Erroneously Mentioned	Corrected as per Approval accorded in 30th NSQC
1	Commercial Vehicle Driver Trainer	Level 4.5	Level 5
2	Light Motor Vehicle Driver Trainer	Level 4.5	Level 5

The Minutes are placed for confirmation of the Committee.

2. AGENDA ITEM 02: Action Taken Report on the Decisions Taken in the 31st Meeting of the NSQC

2.1. Decisions taken in the 30th Meeting of NSQC

Sl. No	Subject Matter Pertains to	Decision of NSQC	Action Taken / status of Compliance
1.	Adoption of Qualifications by Defense Forces (Indian Army)	<p>The committee had decided the following:</p> <ul style="list-style-type: none"> a. All NSQF aligned and approved qualifications required to be adopted by the defense forces ABs (Indian Army) may be routed through Army Training Command (ARTRAC) to ensure better coordination & record keeping, effective execution & implementation. b. Modifications, if required, may also be undertaken in the adopted qualifications subject to adherence to the parameters as per the Guidelines for Adoption of Qualifications. 	<p>A letter from NCVET to ARTRAC has been sent for consolidation and vetting of Qualifications. NCVET has received the request for adoption of qualifications by various recognised ABs of Indian Army, duly consolidated by ARTRAC on 22 sept 2023 and approval for adoption has been granted.</p> <p>The same is being placed as a separate agenda.</p>
2.	Status of 10 NSQF Aligned and Approved Foreign Language Qualifications submitted by English & Foreign Languages University, Hyderabad (EFLU) duly recommended By UGC	<p>In the 19th Meeting of the NSQC, ten (10) Foreign Language qualifications/courses namely Italian, German, Spanish, Japanese, French, Russian, Persian, Arabic, Chinese, Korean, submitted by EFLU, were accorded approval. These 10 NSQF aligned and approved foreign languages were given approval to be run under the Skill Hub Initiative of the Ministry of Skill Development and Entrepreneurship.</p> <p>The committee had further advised that UGC may be requested to expedite the progress of training and also get developed progression for these qualifications pegged at NSQF level 2 and 3, keeping in view the need for international mobility of the skilled workforce.</p>	<p>A letter has been written to EFLU and UGC requesting to expedite the progress of training and development of similar qualifications at NSQF level 2 and 3 on 17.08.2023.</p> <p>Compliance is yet awaited.</p>

3.	PM Vishwakarma Scheme launched by MSME & MSDE.	Committee had advised NSDC to submit the list of identified training centers (including Government ITIs, RSETI institutes, JSS Centers, MSME Tool rooms etc.) for conduct of training under PM Vishwakarma scheme to the NCVET for information.	Compliance is yet awaited. A separate agenda is placed on PM Vishwakarma qualifications for ratification of the Committee.
4.	Restructuring of Crafts Instructor Training Scheme CITS Qualification	DGT had submitted 55 restructured CITS Qualifications for NSQF alignment and approval. As the previous version of all the 55 CITS qualifications was already NSQF aligned and approved and these were only being revised & restructured, therefore, 'In Principle' approval was accorded to all 55 CITS Qualifications subject to completion of these qualifications for uploading on NQR portal by 15 th September 2023.	The work is under progress
5.	Change in name of qualification Nursing Assistant Veterinary presented by RVC	In the 31 st NSQC held on 31 st August 2023, the qualification named 'Nursing Assistant Veterinary' at NSQF Level 5 was presented before the committee and the committee advised RVC to modify the nomenclature.	Compliance has been met. Revised nomenclature of the qualification as suggested by RVC is " Livestock Health Supervisor "
6.	Revision of Two (02) qualifications of Directorate of Military Intelligence already approved in the 30th NSQC meeting .	The Committee accorded conditional approval to the qualification subject to addition of NOS on Legal aspects	Compliance has been met. Revised Qualifications with inclusion of NOS on Legal Aspects submitted.

The agenda is placed for information and approval of the Committee.

3. AGENDA ITEM 03: Approval of one (01) Qualification (IT -ITeS Sector) received from Ganpat University- ratification there of

3.1 Ganpat University had applied for seeking recognition as an Awarding Body (dual category) by NCVET. As per the prescribed norms, any entity seeking recognition as an awarding body has to showcase its capability to develop new qualification and get it aligned and approved as per prescribed NSQF norms. Accordingly, the Applicant

20 qualifications for NSQF alignment and approval. The detailed scrutiny of the qualifications is currently under progress. However, to meet the mandated requirement for signing the agreement, one qualification from IT-ITeS Sector namely, "Associate Data Analyst" (future skills) at NSQF Level 5 has been processed as per the NSQF norms and the qualification was approved on file to complete the process for signing of agreement. The details of the qualification are as under:

Sl. No.	Name of the Qualification	Entry Requirements	Notional Hours	NSQF Level
1	Associate Data Analyst	<p>Completed 2nd year of 3-year/ 4-year UG</p> <p style="text-align: center;">OR</p> <p>Pursuing 2nd year of 3-year/ 4-year UG and continuing education</p> <p style="text-align: center;">OR</p> <p>Completed 2nd year of diploma (after 12th)</p> <p style="text-align: center;">OR</p> <p>Pursuing 2nd year of 2-year diploma after 12th</p> <p style="text-align: center;">OR</p> <p>12th pass with 2 years of any combination of NTC/NAC/CITS or equivalent</p> <p style="text-align: center;">OR</p> <p>Completed 3-year diploma after 10th/12th Grade pass with 1-year of NTC/NAC/</p> <p>Completed 1st year of 3-year/ 4-year/ UG with 1 year of relevant experience.</p> <p style="text-align: center;">OR</p> <p>12th Grade pass with 2 years relevant experience</p> <p style="text-align: center;">OR</p> <p>10th Grade pass with 4 years of relevant experience</p>	<p>Total- 630 Hrs.</p> <p>Theory-163 Hrs.</p> <p>Practical-327 Hrs.</p> <p>ES- 60 Hrs.</p> <p>OJT- 80 Hrs.</p> <p>Elective 1:</p> <p>Total- 120 Hrs.</p> <p>Elective 2:</p> <p>Total- 120 Hrs.</p>	5

The agenda is placed consideration and ratification of the Committee.

4. AGENDA ITEM 04: Operationalisation of Skill India Digital (SID) and registration on SID by Awarding Bodies, Assessment Agencies

4.1 Skill India Digital (SID) has been envisioned, developed, and implemented as the Digital Public Infrastructure (DPI) for skilling, education, employment and entrepreneurship in India. It is a comprehensive digital platform which provides every Learner with access to quality skill development, relevant opportunities and entrepreneurial support.

4.2 Transition of Skill India Portal (SIP) to Skill India Digital (SID):

4.2.1 Skill India Portal (SIP) has undergone a transformation and now subsumed into Skill India Digital (SID) making the platform more comprehensive and digitally advanced for skill development, offering a wide array of features to empower learners with following salient features:

- a) Comprehensive Skill Development: Feature all NSQF aligned and approved Qualifications, industry-relevant skill courses, job opportunities, and entrepreneurship support, ensuring comprehensive skill development.
- b) Information Gateway: Serves as a central information hub for all government skilling and entrepreneurship initiatives, facilitating easy access to all Learners seeking career advancement and lifelong learning.
- c) Aadhaar/AI-based Facial Authentication: Ensuring secure access and verification.
- d) AI based recommendations: Offering personalized learning paths, courses, skill centers and jobs.
- e) Citizen-Centric Approach: Ensuring inclusivity by supporting multiple Indian languages.
- f) GIS-enabled Maps to locate and access centers and navigate.
- g) Customized User Dashboard to curate journey and track progress.
- h) Auto-Generate Certificate, Feedback.

4.3. Facilitating onboarding of NCVET recognized Awarding Bodies including their affiliated Training Partners/Centers and recognized Assessment Agencies in the VET & Skilling Ecosystem:

4.3.1. NSDC would make a **separate section on the dashboard of the SID for NCVET**. All NCVET recognized Awarding Bodies and Assessment Agencies would be required to register on SID for training assessment and certification through NCVET by creating a simplified process for registration on SID at **no cost basis**. All recognized awarding bodies and assessment agencies would mandatorily register

on the SID portal which will be verified and approved online by the NCVET for the initial registration.

4.3.2. All recognized, awarding bodies and assessment agencies would thus be able to form training batches, conduct the training as per minimum standards prescribed for training through their affiliated training centers and allocate the batch for assessment to the onboarded assessment agencies and ensure certification of successfully assessed learners as is being done hitherto fore on the SIP.

The agenda is placed for information & approval of the Committee.

5. AGENDA ITEM 05: Modification in the Defence Qualification- 'Foreign Language Interpreter by Army Education Corps (AEC) approved in 31st NSQC held on 31st August 2023

5.1 The qualification **Foreign Language Interpreter** submitted by Army Education Corps was approved in the 31st NSQC with the following details:

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Foreign Language Interpreter	Interpreter	BA/MA/B.Sc/ M.Sc/BCA/ MCA/B.Sc IT/ BE/B Tech	Total - 1350 Hrs Theory- 690 Hrs Practical– 270 Hrs OJT – 270 Hrs ES- 120 Hrs	4.5	Instructor

5.2 The minimum eligibility criteria for soldiers, getting enrolled in the Army Education Corps (AEC) is graduation in any field (B.Sc IT/ BE/ B.Tech BA/ BCA/ M.Sc/MA/MCA/). There is also provision wherein soldiers from other branches of the Armed Forces are given access to aspirational qualifications like Foreign Language Interpreter in AEC. In the latter case, they may not be graduate. However, to meet the operational requirement as also to align with the NCrF norms, any soldier who is 12th pass having good communication skills in English and Hindi and has five years' experience are also given opportunity to appear in the Language Aptitude test (LAT) to determine a learner's aptitude prior to commencing the training. To be eligible for training as a Foreign Language Interpreter, soldier has to pass the LAT (except those from Intelligence and Education Corps).

5.3 Accordingly, the Awarding Body (AEC) has now revised the entry criteria and NSQF level have submitted before the committee. The details are as below:

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Foreign Language Interpreter	Interpreter	12 th Pass with good communication skills in Hindi and English and 05 years of service in defense forces OR BA/MA/B.Sc/ M.Sc/BCA/M CA/B.Sc IT/ BE/B Tech	Total – 1350 Hrs Theory- 690 Hrs Practical - 270 Hrs OJT - 270 Hrs ES - 120 Hrs	5	Instructor

6. AGENDA ITEM 06: Ratification of existing NSQF aligned and approved Qualifications rationalized in the multiples of 30 hours and inclusion of ES module

6.1 In the various NSQC Meetings of 16th, 20th & 21st NSQCs held on 24th Feb, 30th June and 28th July 2022 respectively, all the ABs were advised by the Committee to rationalize the notional hours of their existing NSQF aligned and approved qualifications in the multiples of 30 Hrs and include the NSQC approved employability skills (30 Hrs,60 Hrs, 90 Hrs & 120 Hrs) as applicable, in order to align with the National Credit Framework so that every learning hour is creditised in consonance with the provisions of NCrF.

6.2 In the various NSQC Meetings of 16th, 20th & 21st NSQCs held on 24th Feb, 30th June and 28th July 2022 respectively, all the ABs were advised by the Committee to rationalize the notional hours of their existing NSQF aligned and approved qualifications in the multiples of 30 Hrs and include the NSQC approved employability skills (30 Hrs,60 Hrs, 90 Hrs & 120 Hrs) as applicable, in order to align with the National Credit Framework so that every learning hour is creditised in consonance with the provisions of NCrF.

6.3 The status of the rationalized qualifications is given below:

Details of the ABs who have completed rationalization of their Qualifications				
S. No	Name of ABs	Number of NSQF aligned & approved Qualifications	Number of rationalized NSQF aligned & approved	Number of qualifications overdue for

Agenda for the 32nd Meeting of NSQC dated 29th September 2023

			Qualifications	rationalization
1	Logistics Sector Skill Council (LSC)	54	54	0
2	Telecom Sector Skill Council (TSSC)	49	49	0
3	Healthcare Sector Skill Council (HSSC)	42	42	0
4	Sports, Physical Education, Fitness and Leisure Skills Council (SPEFL)	40	40	0
5	Capital Goods Skill Council (CGSC)	37	37	0
6	Central Institute of Petrochemicals Engineering & Technology (CIPET)	37	37	0
7	Infrastructure Equipment Sector Skill Council	28	28	0
8	Life Sciences Sector Skill Development Council (LSSSDC)	28	28	0
9	Skill Council for Mining Sector (SCMS)	26	26	0
10	Beauty & Wellness Sector Skill Council (B&WSSC)	25	25	0
11	Karnataka Skill Development Corporation	23	23	0
12	Instrumentation Automation Surveillance & Communication Sector Skill Council (IASC)	16	16	0

Agenda for the 32nd Meeting of NSQC dated 29th September 2023

13	Power Sector Skill Council (PSSC)	16	16	0
14	Directorate of Jan Shikshan Sansthan	15	15	0
15	Banking financial services and insurance sector skill council (BFSI SSC)	13	13	0
16	Furniture & Fittings Skill Council (FFSC)	13	13	0
17	Leather Sector Skill Council (LSSC)	12	12	0
18	Paints and Coatings Skill Council	10	10	0
19	Water Management and Plumbing Skill Council (WMPSC)	10	10	0
20	Shri Vishwakarma Skill University	6	6	0
21	Medhavi University	6	6	0
22	Centurion University of Technology and Management	4	4	0
23	National Film Development Corporation	3	3	0
24	Broadcast Engineering Consultants India Limited (BECIL)	3	3	0
25	Central Board of Secondary Education	1	1	0
26	National Institute of Open Schooling	1	1	0

	Total	518	518	0
Details of the ABs who have partially completed rationalization of their Qualifications				
1	Directorate General of Training	465	213	252
2	Skill Council for Person with Disability	274	222	52
3	Agriculture Skill Council of India (ASCI)	168	153	15
4	Automotive Skills Development Council (ASDC)	132	91	41
5	Rubber, Chemical & Petrochemical Skill Development Council	112	50	62
6	Media & Entertainment Skill Council (MESC)	100	25	75
7	Electronics Sector Skills Council of India (ESSCI)	94	56	38
8	Handicrafts and Carpet Sector Skill Council (HCSSC)	94	33	61
9	IT-ITeS Sector Skills Council NASSCOM (SSC NASSCOM)	94	14	80
10	Tourism and Hospitality Skill Council (THSC)	82	32	50
11	Food Industry Capacity & Skill Initiative (FICSI)	71	35	36
12	Textile & Handloom Sector Skill Council (TSC)	71	70	1
13	National Institute of Electronics and Information Technology	68	39	29

Agenda for the 32nd Meeting of NSQC dated 29th September 2023

14	Skill Council for Green Jobs (SCGJ)	68	59	9
15	Construction Skill Development Council of India (CSDCI)	66	47	19
16	Gems & Jewellery Skill Council of India	42	20	22
17	Management Entrepreneurship and Professional Skills Council (MEPSC)	40	16	24
18	Hydrocarbon Sector Skill Council (HSSCI)	35	32	3
19	Indian Iron and Steel Sector Skill Council (IISSSC)	27	23	4
20	Retailers Association Skill Council of India (RASCI)	17	6	11
21	Haryana State Electronics Development Corporation Limited (HARTRON)	17	5	12
22	Domestic Worker Sector Skill Council (DWSSC)	14	13	1
23	Additional Skill Acquisition Programme, Government of Kerala	9	5	4
24	Aerospace and Aviation Sector Skill Council (AASSC)	5	3	2
	Total	2165	1262	903
Details of the ABs who have not rationalized their Qualifications				

1	National Academy of RUDSETI, Bengaluru	59*	0	59
2	Apparel, Madeups & Home Furnishing Sector Skill Council (AMHSSC)	33	0	33
	Total	92	0	92

*All 59 qualifications of National Academy of RUDSETI have since expired in July 2023. They have neither been revised nor rationalized. No training inputs have been provided by the AB, RUDSETI(NAR) as on date. All qualifications are therefore deemed inactive and is recommended to be archived.

6.4 It is proposed that all recognized ABs be given a definite timeline to complete rationalization of their existing NSQF aligned and approved qualifications to ensure its seamless integration and alignment with NCrF and NSQF for ease of implementation in various government schemes like PMKVY, DDUGKY, NULM etc. The Awarding Bodies must submit their remaining NSQF aligned and approved qualifications to NCVET duly rationalised, by 20th Oct 2023 failing which the process of archival of the unratinalized qualifications will be initiated.

6.5 Further, as all the CITS and CTS qualifications of DGT have also been restructured in the form of NOS and PCs, DGT is also advised to rationalize their NOS in the multiples of 30 hours to ensure smooth and ease of adoption of the NOS in the VET & skilling ecosystem.

The agenda is placed for kind information and further directions of the Committee.

7. AGENDA ITEM 07: NSQF alignment and approval of qualifications (Upskilling NOS) for PM Vishwakarma scheme launched on 17th September 2023

7.1 In the 31st NSQC meeting, the Committee had accorded 'In-principle' approval to the 28 qualifications (Upskilling NOS) in 18 trades under PM Vishwakarma Scheme. The Committee had also approved the methodology deployed for the NSQF alignment of the PM Vishwakarma qualifications.

7.2 Further, the Committee advised that as these qualifications are being given approval for a special project hence a separate section needs to be created on NQR for "PM Vishwakarma Scheme Qualifications". Accordingly, a separate section has been created for "PM Vishwakarma Scheme Qualifications" on NQR and the details of all 25

qualifications including the Model Curriculum have been uploaded on the NQR. A summary of the qualifications is enclosed as **Annexure I**.

7.3 The PM Vishwakarma Scheme has been launched by the Hon'ble Prime Minister on 17th September 2023 to improve the quality as well as the reach of the products and services of traditional artisans and craftspeople. The modern tool kit and e-booklets for all the 25 qualifications have also been released on the day of launch.

7.4 Consequent upon the launch of the scheme, the Awarding Body, Handicraft sector skill Council and Beauty and Wellness Sector Skill Council proposed amendments as under:

7.4.1 **Handicraft Sector Skill Council:** The qualification **Traditional Toy maker** has four different skills, namely, **glass toy, leather toy, wooden toy and soft toy**. The modern tool kits being provided for all the four mentioned categories of toy making are going to be different, hence keeping in view that these toys are going to be made specific to the region and there are only 15 hours of upskilling training hence the AB HSSC has proposed to consider each field as a separate qualification.

7.4.2 **Beauty and Wellness Sector Skill Council.** The qualification '**barber (नाई)**' is often related to the qualifications being practiced by the male community, whereas the qualification '**Hairdresser**' would be professed by either men or women. Hence, the request has been received to consider two different qualifications with the names, **barber (नाई) and Hairdresser**.

7.5 The detailed and diligent planning in preparation of the Qualification Files, the content for upskilling on working with the listed modern Tool- kit for all qualifications and various modules of employability skills consisting of Digital Literacy, Financial Literacy, Marketing and Branding and Self-Employment for PM Vishwakarma Scheme is largely attributed to the stakeholders, i.e, all concerned recognized Awarding Bodies (SSCs), NASSCOM, MEPSC, BFSI and RASCI, NSDC, Govt Institutions, Banking Industry like SBI, HDFC, ICICI banks, Entrepreneurship Development Institute of India (EDI), Academic Institutions such as IIM-Indore, NIFT, NID.

The agenda is placed for ratification of the committee.

8. AGENDA ITEM 08: Status Update on development of Modules/ Sub-Modules of Employability Skills/ Life Skills/ Soft Skills

8.1. National Council for Vocational Education and Training is developing a flexible model of Employability Skills (ES), which will encompass Soft Skills (SS) and Life

Skills (LS) in a dynamic framework. This would address the challenges faced in the implementation of the existing employability skills NOS, which are slightly hardcoded, and do not give the flexibility of choice while selecting various modules for training. The focus is to provide solution to the Awarding Bodies, which gives them flexibility to develop NOS by assembling the required modules/sub-modules as per the industry/job role requirement.

- 8.2. A sub-committee of various organisations like NCVET, MSDE, UNICEF, AICTE, SSCs, and Wadhwani Foundation has been formed to bring the project to fruition. After lot of research and rounds of meetings with the sub-committee, a list of 9 modules and further 47 sub-modules in four variants of NCrF/ NSQF Levels has been finalised. The development of modules and sub-modules is being done in phases. The list of module/sub-modules is indicated in **Annexure I** for reference.
- 8.3. The curriculum for four variants is being developed by organisations such as CII, Media SSC, Management SSC, NASSCOM, Wadhwani Foundation and NIESBUD. The process involved identifying the need of the sub-module for the four variants, developing the Learning Outcomes, Performance Criteria etc. and deriving the Learning Hrs for each sub-module of a module.
- 8.4. Development of the Model curriculum including Learning outcomes, Performance Criteria, Trainer's qualifications/ eligibility/ experience; Assessor's qualifications/ eligibility/ experience; assessment criteria for all the four variants has been completed. The vetting of the same shall be completed by 15th, October, 2023. The vetting team includes Subject Matter Experts from organisations like TISS, CII, Banks, SSC's, Universities, Media companies, CDAC etc.
- 8.5. The second part is to develop the content including student's guide; basic resources, Basic e-content based on the model curriculum; Strategy and guidelines for training, and assessment; Training Manual, basic assignments, tutorials; ToT Qualification Assessment Manual, practical assessments methodology; ToA Qualification for all the four variants. Efforts are being made to develop the above mentioned material for Basic and Intermediate Variants by October, 2023 and for Advance and Higher Order Variants by November, 2023.
- 8.6. The employability skills of various modules of 30Hrs, 60Hrs, 90Hrs and 120Hrs were developed by the DGT and approved in the 20th NSQC held in June 2022 and further in the 8th NCVET Council meeting held on 20th March 2023. Further, all recognized Awarding bodies were mandated to add these ES NOS, as applicable, in all their

qualifications, existing as well as those being developed for NSQF alignment and approval.

- 8.7. DGT runs the LTT courses in the ITI ecosystem and is currently using the existing NSQF aligned and approved ES NOS. It has been learnt that DGT is currently revising its existing ES NOS, tailor-made for the Learners in the ITI ecosystem. Hence, DGT may continue to use the ES NOS being revised by them. However, as NCVET has undertaken review of the existing ES NOS by developing a flexible model of ES modules and sub-modules to provide required flexibility to the ABs in populating the ES NOS for the VET & skilling qualifications. Once the ES NOS being developed by NCVET is operationalised and implemented, DGT may continue with their own developed ES NOS after approval from NSQC or may use the detailed ES NOS being developed by NCVET for four variants (Basic, Intermediate, Advanced and Higher order employability skills). Since, DGT is also undertaking training on short-term training courses, it has to use the employability skills developed by NCVET as per the guidelines of NCVET for STT.

Agenda is placed for consideration and approval of the Committee

9. AGENDA ITEM 09: Archival of non-active and expired qualifications of Skill Council for Persons with Disabilities (SCPwD)

- 9.1. SCPwD has 274 NSQF aligned and approved qualifications listed on NQR. The AB has communicated to the NCVET that 30 NSQF aligned and approved qualifications may be archived as there is no training conducted on these qualifications. The details of 30 qualifications are furnished below:

SI No	Name of the Qualification	Next Review Date	NSQF Level
1	Lead Assembler Modular Furniture-LD	31/05/2023	4
2	Lead Assembler Modular Furniture-SHI	31/05/2023	4
3	Drum Operator (Finished Leather)-SHI	31/05/2023	4
4	Post Tanning Machine Operator-SHI	31/05/2023	2
5	Buffing Operator (Finished Leather)-LD	31/05/2023	4
6	Buffing Operator (Finished Leather)-SHI	31/05/2023	4
7	CAD/CAM Operator (Footwear)-LD	31/05/2023	4
8	CAD/CAM Operator (Footwear)-SHI	31/05/2023	4
9	Cutter (Footwear)-LD	31/05/2023	4
10	Cutter (Footwear)-SHI	31/05/2023	4
11	Skiving Operator (Machine)-SHI	31/05/2023	4
12	Stitching Operator (footwear)-LD	31/05/2023	4
13	Stitching Operator (footwear)-SHI	31/05/2023	4
14	Pre-Assembly Operator-LD	31/05/2023	4
15	Pre-Assembly Operator-SHI	31/05/2023	4
16	Lasting Operator (Footwear)-SHI	31/05/2023	4
17	Helper - Upper Making (Footwear)-LD	31/05/2023	2
18	Helper - Upper Making (Footwear)-SHI	31/05/2023	2
19	Helper- Bottom Making (Footwear)-LD	31/05/2023	2
20	Helper- Bottom Making (Footwear)-SHI	31/05/2023	2
21	Cutter (Goods and Garments)-LD	31/05/2023	4
22	Cutter (Goods and Garments)-SHI	31/05/2023	4
23	Helper-Finishing Operation (Goods and Garments)-LD	31/05/2023	2
24	Helper-Finishing Operation (Goods and Garments)-SHI	31/05/2023	2
25	Improved Cookstove Installer-LD	01/06/2023	4
26	Improved Cookstove Installer-SHI	01/06/2023	4
27	Patient Relations Associate-LD	22/08/2023	5
28	Patient Relations Associate-LV	22/08/2023	5
29	Assistant Duty manager - Patient Relation Services-LD	22/08/2023	6
30	Assistant Duty manager - Patient Relation Services-LV	22/08/2023	6

9.2. All concerned stakeholders may take note that **no training and certification** is to be done for the archived qualifications. NCVET holds no responsibility for the training conducted on such qualifications.

The agenda is placed for information and approval of the Committee.

10. AGENDA ITEM 10: Adoption of NSQF aligned and NSQC approved Defense Qualifications by various Directorates of Indian Army

10.1 Seventeen (17) Awarding Bodies of Indian Army comprising of fighting arms, support arms and services and two (02) Awarding Bodies one each from Indian Air Force (IAF) and Indian Navy (IN) have been formally affiliated to the skill ecosystem of NCVET through recognition as Awarding Body (Dual Category). Defence Awarding Bodies have mapped their existing qualifications with the various sectors as applicable and have aligned a significant number of their qualifications with NSQF.

10.2 In the 31st Meeting of the NSQC, it was discussed that a considerable number of NSQF aligned and approved qualifications are common and applicable across Defence Forces with or without minor modifications, therefore Defence Awarding Bodies may adopt such qualifications as per the *NCVET Guidelines for Adoption of Qualifications by Awarding Bodies*. However, for better co-ordination, record keeping, effective execution & implementation, it was decided by the Committee that list of all such qualifications which are being proposed for adoption by the Indian Army Awarding Bodies be sent to **Army Training Command (ARTRAC)** and a consolidated list duly vetted by ARTRAC be submitted before NSQC for grant of approval. Modifications, if required, may also be undertaken in the adopted qualifications subject to adherence to the parameters as per the Guidelines for Adoption of Qualifications.

10.3 Subsequently, ARTRAC vide letter dated 13th Sep 2023, has shared a list of 102 Qualifications which are proposed for adoption by various Directorates of Indian Army. A brief snapshot the same is as below:

Ser. No	Adopting Bodies	Number of Files Being Adopted
1	Directorate General of Army Air Defence	12
2	Electrical and Mechanical Engineering	12
3	Directorate General Infantry	9
4	Engineers in Chief Branch	9
5	Directorate General Army Service Corps	8
6	Directorate General Mech Inf	7
7	Corps of Signals	6
8	Directorate General of Medical Services	6
9	Directorate General Military Intelligence	6
10	Army Aviation Corps	5
11	Directorate General Remount Veterinary Services	5

12	Directorate General Armoured Corps	4
13	Directorate General Artillery	4
14	Corps of Military Police	4
15	Army Ordnance Services	3
16	Army Educational Corps	2
17	Army Physical Training Corps	0
	Total	102

10.4 NCVET has approved 102 listed Qualifications as above for adoption by various Defence ABs as per the table, in accordance with the *Guidelines for Adoption of Qualifications by Awarding Bodies*. The detailed list of qualifications for adoption by various Defence Directorates is placed as **Annexure III**.

The agenda is placed for the information of the Committee.

11. AGENDA ITEM 11: Submission of Qualifications for NSQF Alignment & Approval

11.1 A total of 165 (138 New and 27 Revised) qualifications, 04 NOS and 09 Micro Credentials (MCs) have been received at NCVET as on 22nd September 2023. A total of 106 (102 New and 4 Revised) qualifications, 04 NOS and 08 MCs have been considered for placing in this NSQC. Detailed status of the Qualifications received are given in succeeding paras.

11.2 Qualifications received from recognized ABs (Central Ministries/ State Bodies/ SSCs/ Other Govt. & Pvt. Bodies)

11.2.1 A total of **50 (46 New and 4 Revised)** were received from recognized ABs as follows. Of these, **50 (46 New and 4 Revised)** are being considered for placing in the 32nd NSQC. The details of qualifications being considered is as below:

S. No	Name of the Awarding Body	Files considered for NSQC		
		New	Revised	Total
1	National Institute of Electronics & Information Technology	0	2	2
2	Shri Vishwakarma Skill University (SVSU)	1	0	1
3	Chhattisgarh Swami Vivekanand Technical University	1	0	1

S. No	Name of the Awarding Body	Files considered for NSQC		
4	Management & Entrepreneurship and Professional Skills Council (MEPSC)	2	0	2
5	Life Sciences Sector Skill Development Council	2	0	2
6	Agriculture Skill Council of India (ASCI)	19	0	19
7	Sports, Physical Education, Fitness and Leisure Skills Council	1	0	1
8	Hydrocarbon Sector Skill Council	0	1	1
9	Healthcare Sector Skill Council	3	0	3
10	Domestic Sector Skill Council	3	0	3
11	Skill Council for Mining Sector (SCMS)	1	1	2
12	Medhavi Skills University	1	0	1
13	Netturi Technical Training Foundation	12	0	12
	Total	46	4	50

11.2.2 Two (02) standalone NOS being placed before the 32nd NSQC for approval are given below:

Sr. No	Name of the Awarding Body	NOS considered for NSQC		
		New	Revised	Total
1.	Automotive Skill Development Council (ASDC)	4	0	4
	Total	4	0	4

11.2.3 Nine (09) Micro Credentials being placed before the 32nd NSQC for approval are given below:

Sr. No	Name of the Awarding Body	NOS considered for NSQC		
		New	Revised	Total
1.	Life Sciences Sector Skill Development Council	8	0	8
2.	Management & Entrepreneurship and Professional Skills Council (MEPSC)	1	0	1
	Total	9	0	9

11.3 Qualifications received from recognized Indian Defense Forces ABs

11.3.1 A total of 92 new qualifications were received from Indian Defense Forces (Tri-Services). Of these, 56 qualifications are being considered for placing in the 32nd NSQC. The snapshot of qualifications being considered is as below:

S. No	Name of the Directorate	Files considered for NSQC		
		New	Revised	Total
1	Electrical and Mechanical Engineering	17	0	17
2	Indian Air Force	11	0	11
3	Corps of Signals	7	0	7
4	DIRECTORATE GENERAL OF ARMY AIR DEFENCE	4	0	4
5	DIRECTORATE GENERAL ARMY SERVICE CORPS	4	0	4
6	DIRECTORATE GENERAL MILITARY INTELLIGENCE	1	0	1
7	DIRECTORATE GENERAL REMOUNT VETERINARY SERVICES	3	0	3
8	DIRECTORATE GENERAL MECHANISED INFANTRY	2	0	2
9	ARMY ORDNANCE SERVICES	2	0	2
10	ARMY EDUCATIONAL CORPS	2	0	2
11	DIRECTORATE GENERAL ARMOURED CORPS	1	0	1
12	DIRECTORATE GENERAL ARTILLARY	1	0	1
13	DIRECTORATE GENERAL OF MEDICAL SERVICES	1	0	1
14	DIRECTORATE GENERAL INFANTRY	0	0	0
15	ENGINEERS IN CHIEF BRANCH	0	0	0
16	CORPS OF MILITARY POLICE	0	0	0
17	ARMY AVIATION CORPS	0	0	0
18	ARMY PHYSICAL TRAINING CORPS	0	0	0
	Total	56	0	56

11.3.2 The summary of the qualifications is at **Annexure IV**. The summary of the NOS and Micro Credentials are at **Annexure V** and **Annexure VI** and summary of qualifications of Defense Awarding Bodies is at **Annexure VII**.

Submitted for the kind consideration and approval of the Committee.

12. AGENDA ITEM 12: Additional Agenda/Any Other Matter with the Permission of the Chair

Annexure I

Summary of PM Vishwakarma Qualifications (Upskilling NOS)

S. No.	Title (Name of the Qualification)	NQR Code	Sector	Qualification Level	Originally Approved	Awarding Bodies
1	Fishing Net Maker	NG-2.5-AG-00738-2023-V1-ASCI	Agriculture	2.5	14-09-2023	Agriculture Skill Council of India (ASCI)
2	Tailor (Darzi)	NG-2.5-AP-00739-2023-V1-AMHSSC	Apparel	2.5	14-09-2023	Apparel, Madeups & Home Furnishing Sector Skill Council (AMHSSC)
3	Assistant Barber - Salon Services	NG-2.5-BW-00740-2023-V1-BWSSC	Beauty & Wellness	2.5	14-09-2023	Beauty & Wellness Sector Skill Council (B&WSSC)
4	Assistant Hairdresser	NG-2.5-BW-00741-2023-V1-BWSSC	Beauty & Wellness	2.5	14-09-2023	Beauty & Wellness Sector Skill Council (B&WSSC)
5	Armourer	NG-2.5-CG-00742-2023-V1-CGSC	Capital Goods & Manufacturing	2.5	14-09-2023	Capital Goods Skill Council (CGSC)
6	Blacksmith (Lohar)	NG-2.5-CG-00743-2023-V1-CGSC	Capital Goods & Manufacturing	2.5	14-09-2023	Capital Goods Skill Council (CGSC)
7	Hammer and Tool Kit Maker	NG-2.5-CG-00744-2023-V1-CGSC	Capital Goods & Manufacturing	2.5	14-09-2023	Capital Goods Skill Council (CGSC)
8	Locksmith	NG-2.5-CG-00746-2023-V1-CGSC	Capital Goods & Manufacturing	2.5	14-09-2023	Capital Goods Skill Council (CGSC)

9	Brick Mason- Basic	NG-2.5-CO-00747-2023-V1-CSDCI	Construction	2.5	14-09-2023	Construction Skill Development Council of India (CSDCI)
10	Concrete Mason-Basic	NG-2.5-CO-00748-2023-V1-CSDCI	Construction	2.5	14-09-2023	Construction Skill Development Council of India (CSDCI)
11	Plaster Mason-Basic	NG-2.5-CO-00749-2023-V1-CSDCI	Construction	2.5	14-09-2023	Construction Skill Development Council of India (CSDCI)
12	Tile Mason- Basic	NG-2.5-CO-00750-2023-V1-CSDCI	Construction	2.5	14-09-2023	Construction Skill Development Council of India (CSDCI)
13	Goldsmith(sunar)	NG-2.5-GJ-00751-2023-V1-GJSCI	Gems & Jewellery	2.5	14-09-2023	Gems & Jewellery Skill Council of India
14	Traditional Basket Maker	NG-2.5-HC-00752-2023-V1-HCSSC	Handicrafts & Carpets	2.5	14-09-2023	Handicrafts and Carpet Sector Skill Council (HCSSC)
15	Coir Weaver	NG-2.5-HC-00753-2023-V1-HCSSC	Handicrafts & Carpets	2.5	14-09-2023	Handicrafts and Carpet Sector Skill Council (HCSSC)
16	Traditional Broom Maker	NG-2.5-HC-00754-2023-V1-HCSSC	Handicrafts & Carpets	2.5	14-09-2023	Handicrafts and Carpet Sector Skill Council (HCSSC)
17	Traditional Leather Toy Maker	NG-2.5-HC-00987-2023-V1-HCSSC	Handicrafts	2.5	14-09-2023	Handicraft Sector Skill Council
18	Traditional Glass Toy Maker	NG-2.5-HC-00988-2023-V1-HCSSC	Handicrafts	2.5	14-09-2023	Handicraft Sector Skill Council

19	Traditional Soft Toy Maker	NG-2.5-HC-00989-2023-V1-HCSSC	Handicrafts	2.5	14-09-2023	Handicraft Sector Skill Council
20	Traditional Wooden Toy Maker	NG-2.5-HC-00990-2023-V1-HCSSC	Handicrafts	2.5	14-09-2023	Handicraft Sector Skill Council
21	Potter (Kumhar) including traditional ceramics and terracotta product maker	NG-2.5-HC-00756-2023-V1-HCSSC	Handicrafts & Carpets	2.5	14-09-2023	Handicrafts and Carpet Sector Skill Council (HCSSC)
22	Traditional Malakar	NG-2.5-HC-00757-2023-V1-HCSSC	Handicrafts & Carpets	2.5	14-09-2023	Handicrafts and Carpet Sector Skill Council (HCSSC)
23	Traditional Mat Weaver	NG-2.5-HC-00758-2023-V1-HCSSC	Handicrafts & Carpets	2.5	14-09-2023	Handicrafts and Carpet Sector Skill Council (HCSSC)
24	Basic Sculptor and stone artist (Moortikar)	NG-2.5-HC-00759-2023-V1-HCSSC	Handicrafts & Carpets	2.5	14-09-2023	Handicrafts and Carpet Sector Skill Council (HCSSC)
25	Shoeshmith (Cobbler)	NG-2.5-LT-00760-2023-V1-LSSC	Leather	2.5	14-09-2023	Leather Sector Skill Council (LSSC)
26	Washerman (Dhobi)	NG-2.5-TH-00761-2023-V1-THSC	Tourism & Hospitality	2.5	14-09-2023	Tourism and Hospitality Sector Skill Council (THSC)
27	Boat Maker	NG-2.5-WC-00762-2023-V1-FFSC	Wood & Carpentry	2.5	14-09-2023	Furniture & Fittings Sector Skill Council (FFSC)
28	Carpenter	NG-2.5-WC-00763-2023-V1-FFSC	Wood & Carpentry	2.5	14-09-2023	Furniture & Fittings Sector Skill Council (FFSC)

Annexure II

List of Employability Skills (ESs (LS)/ Soft Skills (SS)-Modules/Sub-modules

S.No.	Employability Skills/Life Skills/Soft Skills Modules	ES/LS/SS Sub-Modules
1	Communication skills	<p>Non-verbal communication: Body Movements and Posture, Facial Expressions, Eye Contact, Hand Gestures and Tone of Voice, Personal Grooming</p> <p>Listening skills</p> <p>Reading skills</p> <p>Written communication: Convey ideas and information through the use of written language. - eg. Letter and report writing</p> <p>Verbal communication: Convey ideas and information through the use of spoken language.</p>
	Interpersonal/Social Skills	<p>Emotional Intelligence: Self-Regulation, Self-Awareness, Self-Compassion, Self-Efficacy, Self-reflection , Mastery Orientation, Open Mindedness, Social Awareness, Empathy, Motivation</p> <p>Behavioural Skills : Harmony, Respect, Empathy, Care and Compassion, Integrity, Responsibility, Delayed Gratification, Stress -management, Resilience, Adaptability/flexibility, Honesty, Independence , Perseverance, Self Confidence, Anger Management, Patience, Ethics, Networking, , Learning to Learn</p> <p>Collaboration &Team work: Participation/Delegation/Accountability</p> <p>Inclusivity and Diversity: Age diversity Gender diversity, Physical and Mental ability diversity, Religious diversity, Ethnic diversity, Racial diversity ,Sexual Orientation, Parental Status, Education, Language, Geographic Location</p> <p>Leadership</p> <p>Conflict resolution : Evaluating ideas and Arguments</p> <p>Negotiation & persuasion</p>
3	Cognitive and meta-cognitive skills	<p>Analytical & Critical Thinking</p> <p>Problem Solving & decision-making</p> <p>Strategic thinking</p> <p>Design Thinking</p> <p>Creativity and innovation</p> <p>Information collection, analysis and synthesis</p>
4	English and Foreign Language Literacy	The five categories of Skills required for English/ other foreign Languages: Reading, Listening, Speaking, Writing, and Grammar
5	Workplace & Job-related skills	<p>Occupational Safety and Health</p> <p>Plan, Organize and Coordinate</p> <p>Project management: Planning Projects, Assessing Risks and Opportunities, Budgeting, Time Management, Productivity and Accountability , Monitoring and Controlling , Communicating with Stakeholders, Troubleshooting Problems</p>

		Professional Development and Management: Getting Ready for Jobs, Job search skills, Interview Skills, Relationship management
		Resource Management- manpower, material, equipment & machinary, knowledge
		Customer service and Sales Orientation
6	Foundational literacy	Foundational Numeracy and Literacy
		Financial literacy
		Digital literacy: Use Basic Hardware, Software, Information and Communication Tech, Operate safely in an Online Environment (cybersecurity)
		Media Literacy
		Business literacy: knowledge of financial, accounting, marketing, and operational functions of an organization
		Legal literacy
		Disaster Management
		Wellness , Health and Hygiene literacy
7	Digital Fluency	Digital Information Technology: Hardware Knowledge, Software Knowledge, Data Management
		Internet & Knowledge Navigation: searching through web, Evaluate Online information for credibility
		Adaptability & Learning Agility in new Technologies: Open to learning new technologies- Cloud Computing, Artificial Intelligence, I.O.T
		Cybersecurity: avoiding scams, preventing unauthorized access, detecting and responding to threats, data protection, data breach, regular updates.
		Ethical Use of Technology: Respecting privacy, avoiding harm (cause harm physically, emotionally & economically)
8	Citizenship & Constitutional values	Constitutional values, Citizenship skills Digital citizenship: ability to participate online responsibly Cultural and civic Literacy
		Cultural literacy : being able to understand the traditions, regular activities and history of a group of people from a given culture.
9	Self Employment & Entrepreneurship	Civic Literacy: is the knowledge of how to actively participate and initiate change in your community and the greater society. swatch, Health Insurance
		Green Skills :Waste Reduction and Waste Management, Environmental Awareness, Energy and Water Efficiency, Sustainability, Environmental awareness

	Financial management: Sources of business finance, Types of business records, Recording business transactions in books of account, Preparation and Interpretation of Financial Statements, Loan Management
	Costing & Pricing:-can be kept separately for lower levels
	Branding, marketing and networking skills
	Promotion & Sales
	Enterprise social plan and business ethics and etiquette: e-enterprise social responsibility and ethical behaviour like returning loans on time, making payments
	Human resource management

Annexure III

List of Defence Qualifications proposed for adoption by various Indian Army Directorates

Sl. No	Name of the Defence Directorate (Adopting Body)	No. of Qualifications for Adoption	Sl. No	Name of the Qualifications	Developer Body
1	Directorate Gen. of Armoured Corps	4	1	Office Supervisor	Directorate General of ASC
			2	Housekeeping Support Staff	Directorate General of Infantry
			3	Laundry Associate (Defence)	Directorate General of Mechanised Infantry
			4	Food and Beverage Service Associate	Directorate General of Artillery
2	Directorate Gen. of Remount Veterinary Corps	5	1	Security Guard (Armed)	Directorate Gen. of Armoured Corps
			2	Housekeeping Support Staff	Directorate Gen. of Infantry
			3	Security Supervisor	Directorate Gen. of Infantry
			4	Laundry Associate	Directorate Gen. of Mechanised Infantry
			5	Office Supervisor	Directorate General of ASC

3	Directorate Gen. of Artillery	4	1	Assistant Supervisor CCTV	Directorate Gen. of Mechanised Infantry
			2	Laundry Associate	Directorate Gen. of Mechanised Infantry
			3	Office Supervisor	Directorate Gen. of ASC
			4	Communication Centre Associate	Corps of Signals
4	Directorate Gen. of Infantry	9	1	Assistant Supervisor CCTV	Directorate Gen. of Mechanised Infantry
			2	Light Motor Vehicle Driver	DG Armoured Corps
			3	Commercial Vehicle Driver	DG Armoured Corps
			4	Security Guard (Armed)	DG Armoured Corps
			5	Fire Suppression Technician	DG of Artillery
			6	Laundry Associate	Corps of Signals
			7	Food & Beverage Service Associate	DG of Mechanised Infantry
			8	Office Supervisor	DG of Artillery
			9	Communication Centre Associate	Directorate General of ASC
5	Directorate Gen. of Army Air Defence	12	1	Commercial Vehicle Driver	DG Armoured Corps
			2	Light Motor Vehicle Driver	DG Armoured Corps
			3	Security Guard (Armed)	DG Armoured Corps
			4	Light Motor Vehicle Driver Trainer	DG Armoured Corps
			5	Commercial Vehicle Driver Trainer	DG Armoured Corps
			6	Housekeeping Support Staff	DG of Infantry
			7	Security Supervisor	DG of Infantry

			8	Office Supervisor	Directorate Gen. of ASC
			9	Communication Centre Associate	Corps of Signals
			10	Assistant Supervisor CCTV	DG of Mechanised Infantry
			11	Laundry Associate	DG of Mechanised Infantry
			12	Food & Beverage Service Associate	DG of Artillery
6	Directorate Gen. of Ordnance Services	3	1	Food and Beverage Service Associate	Regiment of Artillery
			2	Laundry Associate	Mechanised Infantry
		3	3	Housekeeping Support Staff	Infantry
7	Directorate General of Signals	6	1	Officer Supervisor	Army Service Corps
			2	Housekeeping Support Staff	DG of Infantry
		3	3	Laundry Associate	DG of Mechanised Infantry
			4	Food and Beverage Services Associate	DG of Artillery
			5	Commercial Vehicle Driver	DG of Armoured Corps
			6	Light Motor Vehicle Driver	DG of Armoured Corps
8	Provost Marshal Directorate (Corps of Military Police)	4	1	Office Supervisor	Dte Gen of Army Service Corps

			2	Housekeeping Support Staff	DG of Infantry
			3	Laundry Associate	ADG of Mechanised Infantry
			4	Security Guard (Armed)	DG of Armoured Corps
9	Army Service Corps	8	1	Commercial Vehicle Driver	DG of Armoured Corps
			2	Light Motor Vehicle Driver	DG of Armoured Corps
			3	Commercial Vehicle Driver-Trainer	DG of Armoured Corps
			4	Light Vehicle Driver-Trainer	DG of Armoured Corps
			5	Security Guard (Armed)	DG of Armoured Corps
			6	Laundry Associate	ADG of Mechanised Infantry
			7	Housekeeping Support Staff	DG of Infantry
			8	Food and Beverage Service Associate	DG of Artillery
10	Directorate Gen. of Medical Services (Army)	6	1	Laundry Associate (Defence)	ADG of Mechanised Infantry

			2	Food & Beverage Service Associate	DG of Artillery
			3	Housekeeping Support Staff	DG of Infantry
			4	Office Supervisor	Army Services Corps
			5	Security Guard (Armed)	DG Armoured Corps
			6	Commercial Vehicle Driver	DG Armoured Corps
11	Directorate Gen. of Army Educational Corps	2	1	Office Supervisor	Dte Gen of Army Service Corps
			2	Security Guard (Armed)	DG Armoured Corps
12	Corps of Engineers	9	1	Commercial Vehicle Driver (Heavy Motor Vehicle Driver)	DG Armoured Corps
			2	Light Motor Vehicle (Light Vehicle Driver)	DG Armoured Corps
			3	Housekeeping Support Staff	DG Infantry
			4	Laundry Associate (Defence)	ADG Mechanised Infantry
			5	Food and Beverage Service- Associate	DG Artillery
			6	Commercial Vehicle Driver Trainer	DG Armoured Corps
			7	Security Guard (Armed)	DG Armoured Corps
			8	Light Motor Vehicle Driver Trainer	DG Armoured Corps
			9	Office Supervisor	DG Army Service Corps
13	Directorate Gen. of Military Intelligence	6	1	Office Supervisor	Dte Gen of Army Service Corps
			2	Housekeeping Support Staff	DG of Infantry
			3	Laundry Associate	ADG of Mechanised Infantry
			4	Food & Beverage Service Associate	DG of Artillery
			5	Security Guard (Armed)	DG of Armoured Corps
			6	Light Motor Vehicle Driver	DG of Armoured Corps

13	Directorate Gen. of Mechanised Infantry	7	1	Commercial Vehicle Driver	DG Armoured Corps
			2	Office Supervisor	Directorate Gen. of ASC
			3	Housekeeping Support Staff	DG of Infantry
			4	Food & Beverage Service Associate	DG Armoured Corps
			5	Security Guard (Armed)	DG Armoured Corps
			6	Light Motor Vehicle Driver	DG Armoured Corps
			7	Security Supervisor	DG of Infantry
14	Electrical and Mechanical Engineering	12	1	Office Supervisor	Directorate General of ASC
			2	Housekeeping Support Staff	DG of Infantry
			3	Laundry Associate	DG of Mechanised Infantry
			4	Food & Beverage Service Associate	DG of Artillery
			5	Commercial Vehicle Driver	DG Armoured Corps
			6	Light Motor Vehicle Driver	DG Armoured Corps
			7	Security Guard (Armed)	DG Armoured Corps
			8	Light Motor Vehicle Driver Trainer	DG Armoured Corps
			9	Commercial Vehicle Driver Trainer	DG Armoured Corps
			10	Security Supervisor	DG of Infantry
			11	Communication Centre Associate	Corps of Signals
			12	Assistant Supervisor CCTV	DG of Mechanised Infantry
15	AVN	5	1	Office Supervisor	Directorate Gen. of ASC
			2	Housekeeping Support Staff	DG of Infantry
			3	Laundry Associate	DG of Mechanised Infantry
			4	Food & Beverage Service Associate	DG of Artillery
			5	Communication Centre Associate	Corps of Signals

Annexure IV

Summary of Qualifications submitted for NSQF alignment by Awarding Bodies- Central Ministries/ State Government/ other ABs**AWARDING BODY- CENTRAL MINISTRY****I. NIELIT****SECTOR - ELECTRONICS, (2 Revised Qualifications)**

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Installation & Repair Assistant "Consumer Electronics"	Electronics Equipment Services	10 th Class Pass OR 8 th Class Pass with 2 years of Experience in Electronics/Electrical/Allied Sector OR 8 th Class Pass and pursuing continuous schooling in regular school with vocational subject OR 8 th Class Pass with 2 years of NTC	Total: 330 Hrs Theory: 90 Hrs Practical : 180 Hrs OJT: 30 Hrs ES: 30 Hrs	3	Academic: Installation & Repair Technician (Home Appliances) -> CHMT (O Level)->CHM A level Professional : Technician -->Sr. Technician--> Service manager--> Self Entrepreneur
2	Product Assembly Assistant (Solar-LED)	Electronics Assembly	10 th Class Pass OR 8 th Class Pass with 2 years of Experience in Electronics/Electrical/Allied Sector OR 8 th Pass and pursuing continuous schooling in regular school with vocational subject OR 8 th Class Pass with 2 years of NTC	Total: 330 Hrs Theory: 90 Hrs Practical : 180 Hrs OJT: 30 Hrs ES: 30 Hrs	3	Academic: CHM-O Level -> CHM-A Level Professional : Technician->Senior Technician -> Service Engineer-> Designer -> Entrepreneur

**II. Shri Vishwakarma Skill University (SVSU)
SECTOR - Electronics, (1 New Qualification)**

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Industrial Automation Operator	Production & Safety	<p>12th Class Pass (PCM) OR Completed 2nd year of 2-year diploma (Electronics/Electrical/ Mechanical) after 10th</p> <p>OR</p> <p>Pursuing 2nd year of 2- year diploma (Electronics/Electrical/ Mechanical) after 10th and continuous education</p> <p>OR</p> <p>Completed 2 Years of ITI after 10th in relevant Engineering Trade</p> <p>OR</p> <p>Previous relevant Qualification of NSQF Level 3.5 and with minimum 1 year of experience</p>	<p>Total - 540 Hrs</p> <p>Theory- 136 Hrs</p> <p>Practical- 284 Hrs</p> <p>OJT- 120 Hrs</p>	4	Vertical: Industrial Automation Supervisor Level 5

**III. Chhattisgarh Swami Vivekanand Technical University (CSVTU)
SECTOR -Textiles, (1 New Qualification)**

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
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1	Production Manager (Kosa Silk Fabric)	Production Supervision	<p>Completed 2nd year of 3-year/ 4-years UG with 1 year relevant experience (Handloom, Silk /Fabric Production, Weaving Reeling) OR</p> <p>Completed 2nd year of diploma (after 12th) with 2 year relevant experience (Handloom, Silk /Fabric Production, Weaving Reeling) OR</p> <p>12th Grade pass with 3 year relevant experience (Handloom, Silk /Fabric Production, Weaving Reeling) OR</p> <p>10th Grade pass with 5 year relevant experience (Handloom, Silk /Fabric Production, Weaving Reeling) OR</p> <p>Previous relevant Qualification of NSQF Level 4.5 in related field with 1.5-year relevant experience (Handloom, Silk /Fabric Production, Weaving Reeling) OR</p> <p>Previous relevant Qualification of NSQF Level 4 in related field with 3-year relevant experience (Handloom, Silk /Fabric Production, Weaving Reeling)</p>	Total: 540 Theory: 150 Practical: 210 OJT: 120 ES: 60	5	Sr. Production Manager (Kosa silk fabric) Production and Marketing Head (Kosa silk fabric)
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**IV. Management & Entrepreneurship and Professional Skills Council (MEPSC)
SECTOR - Management, (2 New Qualifications)**

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1.	General Duty Guard cum Watchman (MEP/Q710 6)	Private Security	<p>No formal education with no experience.</p> <p>As per PSARA Act, <u>Standard of physical fitness for general duty guard cum watchman:</u></p> <p>(i) Height, 160 cms (Female 150 cms), weight according to standard table of height and weight, chest 80 cms with an expansion of 4 cms (for females no minimum requirement for chest measurement).</p> <p>(ii) Eye sight: Far sight vision 6/6, near vision 0.6/0.6 with or without correction, free from colour blindness</p> <p>(iii) Free from knock knee and flat foot</p> <p>(iv) Hearing: Free from defect</p>	<p>Total - 210 Hrs</p> <p>Theory- 40 Hrs</p> <p>Practical- 80 Hrs</p> <p>OJT (R/M) - 60 Hrs</p> <p>ES- 30 Hrs</p>	2	Security Guard (MEP/Q710 1)
2.	Guard – Cash Logistics (MEP/Q710 5)	Private Security	<p>Ability to read and write</p> <p>OR</p> <p>5th Grade pass with 4 years of relevant experience.</p> <p>As per PSARA Act, <u>Standard of physical fitness for general duty guard cum watchman:</u></p> <p>(i) Height, 160 cms (Female 150 cms), weight according to standard table of height and weight, chest 80 cms with an</p>	<p>Total - 210 Hrs</p> <p>Theory- 50 Hrs</p> <p>Practical- 70 Hrs</p> <p>OJT (R/M) - 60 Hrs</p> <p>ES- 30 Hrs</p>	2.5	Security Supervisor (MEP/Q720 1)

			<p>expansion of 4 cms (for females no minimum requirement for chest measurement).</p> <p>(ii) Eye sight: Far sight vision 6/6, near vision 0.6/0.6 with or without correction, free from colour blindness</p> <p>(iii) Free from knock knee and flat foot</p> <p>(iv) Hearing: Free from defect</p>			
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**V. Life Sciences Sector Skill Development Council (LSSSDC)
SECTOR - Lifesciences (2 New Qualifications)**

S. N o	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQ F Level	Progression
1	<p>Specialist-Quality Assurance (Pharma, Biological Products and Medical Devices)</p> <p>Electives:</p> <p>1. Equipment Validation 2. Process Validation 3. Internal Audit 4. Quality Management System 5. Stability Studies</p> <p>Optional:</p> <p>1. Loan License Audit 2. Regulated Business Operations</p>	Quality	<p>B. Tech (in relevant field)/B. Pharma with 2 Years' experience (Quality Assurance/Quality Control/production)</p> <p>OR</p> <p>M. Sc (in relevant subjects) with 2 Years' experience (Quality Assurance/Quality Control/production)</p> <p>OR</p> <p>M. Pharma final year student</p> <p>OR</p> <p>M. Tech (in relevant field) final year student</p> <p>OR</p> <p>Previous Relevant Qualification of NSQF Level 5 Certificate of Chemist- In-process Quality Assurance (Pharma, Biologics and Medical Device) with 1.5 years of Exp. in relevant area</p> <p>OR</p> <p>Previous Relevant Qualification of NSQF Level 5 Certificate of Analyst/Chemist-Quality Control with 1.5 Years of Exp. in relevant area</p> <p>OR</p> <p>Previous Relevant Qualification of NSQF Level 5 Certificate of Chemist- Production with 1.5 Years of Exp.</p>	<p>Compulsory Notional Hours</p> <p>Theory: 150 Hrs Practical: 120 Hrs ES: 90 Hrs Apprenticeship Training: 990 Hrs</p> <p>Total Compulsory Notional Hours: 1350 Hrs</p> <p>5 Electives Elective 1 Duration=180 Hours Elective 2 Duration=180 Hours Elective 3 Duration=180 Hours Elective 4 Duration=180 Hours Elective 5 Duration=180 Hours</p> <p>Option 1 Duration = 150 Hours Option 2 Duration = 60 Hours</p> <p>Minimum Notional Hours with one elective=540 Hours</p> <p>Maximum Notional Hours</p>	5.5	<p>Vertical progression</p> <p>1. Manager-Quality Assurance (Pharma, Biological Products & Medical Devices)</p> <p>2. Quality Assurance Lead Auditor-(Pharma, Biological Products & Medical Devices)</p> <p>Lateral/Horizontal progression</p> <p>1. QC Reviewer/Section In- Charge (Pharma, Biological Products & Medical Devices)</p> <p>2. Specialist-Quality Control Instrumental Analysis (Pharma, Biological Products & Medical Devices)</p>

			in relevant area	with all 5 elective and Options= 2460 Hours Apprenticeship Duration=6 months (Mandatory) Note: Apprenticeship applicable to candidates with no experience only i.e. M. Pharma and M. Tech		
2	Research Associate- Pharma and Biological Products Electives: 1. API Synthesis & Medicinal Chemistry 2. Formulation Development 3. Biological Product Development 4. Process Development 5. Technology Transfer 6. Analytical R&D using Mass Spectrometry 7. Analytical R&D using NMR	Research & Development	Completed 3-year graduation in sciences (Lifesciences, Microbiology, Biotechnology, and related fields) B. Pharma	Compulsory Notional Hours Theory=120 Practical=180 Employability Skills= 90 Hours Apprenticeship Training: 990 Total Compulsory Notional Hours=1320 Hours 7 Electives = 150 Hours each Theory= 60 Hours Practical= 90 Hours Option Notional Hour = 270 Hours Minimum Notional Hours with one elective= 540 Hours Maximum Notional Hours	5.5	Vertical progression 1. Research Scientist Pharma, Biological Products and Medical Devices) (Level 6) Lateral/Horizontal progression 1. Biologist / Biotechnologist (Level 5) 2. Analyst/ Chemist - Quality Control (Level 5) 3. Chemist- Production (Pharma & Biologics) (Level 5)

	Option: 1. Innovation driven Entrepreneurship			with seven elective and one option = 2700 hours Apprenticeship Duration=6 months (Mandatory)		
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**VI. Agriculture Skill Council of India (ASCI)
SECTOR- Agriculture (19 New Qualifications)**

S. N o	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Organic Cultivator (Small Unit)	Farm Management	No formal education	TOTAL- 210 Hrs Theory- 75 Hrs Practical- 105 Hrs ES- 30 Hrs	2	VERTICAL-Organic Grower
2	Mushroom Grower (Small Unit)	Agri-Entrepreneurship and Rural Enterprises	No formal education	TOTAL- 210 Hrs Theory- 80 Hrs Practical- 100 Hrs ES- 30 Hrs	2	VERTICAL-Mushroom Grower/Entrepreneur
3	Honey bee Farmer (Small Unit)	Beekeeping	No formal education	TOTAL- 210 Hrs Theory- 80 Hrs Practical- 100 Hrs ES- 30 Hrs	2	VERTICAL-Beekeeper
4	Backyard Poultry Farmer	Poultry Farming	No formal education	TOTAL- 210 Hrs Theory- 80 Hrs Practical- 100 Hrs ES- 30 Hrs	2	VERTICAL-Small Poultry Farmer
5	Dairy Farmer (Small Holding)	Dairy Farm Management	No formal education	TOTAL- 210 Hrs Theory- 60 Hrs Practical- 120 Hrs ES- 30 Hrs	2	VERTICAL-Dairy Farmer/Entrepreneur
6	Garden Keeper	Landscaping, Gardening and Urban Farming	No formal education	TOTAL- 210 Hrs Theory- 70 Hrs Practical- 110 Hrs ES- 30 Hrs	2	VERTICAL-Gardener
7	Developer-Microforest	Agro-Forestry Management	No formal education	TOTAL- 210 Hrs Theory- 85 Hrs Practical- 95 Hrs	2	VERTICAL-Urban Forest Developer

				ES- 30 Hrs		
8	Plant Hospital/Health Assistant	Agro-Forestry Management	No formal education	TOTAL- 210 Hrs Theory- 75 Hrs Practical- 105 Hrs ES- 30 Hrs	2	VERTICAL- Vriksh Sanrakshak
9	Harvest & Post-harvest Machine Assistant Technician	Farm Machinery, Equipment Operation and Maintenance	No formal education	TOTAL- 210 Hrs Theory- 60 Hrs Practical- 90 Hrs ES- 60 Hrs	2	VERTICAL- Service & Maintenance Technician- Farm Machinery
10	Piggery Farmer (Small Unit)	Small Ruminants & Others	No formal education	TOTAL- 210 Hrs Theory- 70 Hrs Practical- 110 Hrs ES- 30 Hrs	2	VERTICAL- Piggery Farmer
11	Silkworm Rearer	Silkworm Rearing	No formal education	TOTAL- 210 Hrs Theory- 70 Hrs Practical- 110 Hrs ES- 30 Hrs	2	VERTICAL- Sericulturist
12	Vermicompost Producer (Small Unit)	Farm Management	No formal education	TOTAL- 210 Hrs Theory- 70 Hrs Practical- 110 Hrs ES- 30 Hrs	2	VERTICAL- Vermicompost Producer
13	Flower Grower	Floriculture Farming	No formal education	TOTAL- 210 Hrs Theory- 70 Hrs Practical- 110 Hrs ES- 30 Hrs	2	VERTICAL- Floriculturist
14	Assistant - Tractor operator	Farm Machinery, Equipment Operation and Maintenance	No formal education	TOTAL- 210 Hrs Theory- 65 Hrs Practical- 115 Hrs ES- 30 Hrs	2	VERTICAL- Tractor Operator
15	Plant Nursery Assistant	Landscaping, Gardening and Urban Farming	No formal education	TOTAL- 210 Hrs Theory- 60 Hrs Practical- 120 Hrs ES- 30 Hrs	2	VERTICAL- Nursery Worker
16	Seed Grower	Seed Production and Processing	No formal education	TOTAL- 210 Hrs Theory- 65 Hrs Practical- 115 Hrs ES- 30 Hrs	2	VERTICAL- Quality Seed Grower
17	Herb Grower	Medicinal and Aromatic Plants Cultivation	No formal education	TOTAL- 210 Hrs Theory- 75 Hrs Practical- 105 Hrs ES- 30 Hrs	2	VERTICAL- Medicinal & Aromatic Plant Grower
18	Greenhouse	Precision	No formal	TOTAL- 210 Hrs	2	VERTICAL-

	Assistant Operator	Farming	education	Theory- 70 Hrs Practical- 110 Hrs ES- 30 Hrs		Greenhouse Operator
19	Micro-Irrigation Field Assistant	Precision Farming	No formal education	TOTAL- 210 Hrs Theory- 60 Hrs Practical- 120 Hrs ES- 30 Hrs	2	VERTICAL-Micro-irrigation Technician

**VII. Sports, Physical Education, Fitness and Leisure Skills Council
SECTOR - Sports, (1 New Qualification)**

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	<p>Sports Goods Craftsperson</p> <p>Elective1: Manufacture a variety of sports ball</p> <p>Elective 2: Manufacture variety of sports bats and racquets</p>	Sports Manufacturing	<p>12th Class with 1 Year of relevant experience</p> <p>OR</p> <p>10th Class with 2 Years of relevant experience</p> <p>OR</p> <p>10th Class pass with 2 years of any combination of NTC/NAC/CITS or equivalent</p> <p>OR</p> <p>Certificate-NSQF (Level 3- Sports Bat & Racquet Craftsperson (Junior) / Sports Ball Craftsperson (Junior)with 3 years of relevant experience</p>	<p>Total – 450 Hrs</p> <p>Theory- 90 Hrs</p> <p>Prac - 210 Hrs</p> <p>ES - 60 Hrs</p> <p>OJT- 90 Hrs</p>	4	VERTICAL-Sports Goods Production Supervisor

VIII. Hydrocarbon Sector Skill Council, (1 New Qualification)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Process Instrument Technician (Oil & Gas)	Operations - Oil & Gas Pipeline - Calibration and Instrumentation & Refineries Operations	<p>Completed 2nd year of the 3-year Diploma (after 10th) in engineering trade</p> <p>OR</p> <p>10th Grade Pass plus 2-year of National Trade Certificate (NTC) in engineering trade</p> <p>OR</p> <p>12th Grade Pass(Science)</p> <p>OR</p> <p>11th Grade pass (Science) with 1- year of relevant experience</p> <p>OR</p> <p>10th Grade pass with 2-years relevant experience</p> <p>OR</p> <p>Previous relevant Qualification of NSQF Level 3.5 with 1.5-years relevant experience</p> <p>OR</p> <p>Previous relevant Qualification of NSQF Level 3.0 plus 3-years of relevant experience</p>	<p>Total: 480 Hrs</p> <p>Theory: 105 hrs</p> <p>Practica l: 285 Hrs.</p> <p>ES: 30 Hrs.</p> <p>OJT: 60 Hrs.</p>	4	<p>Vertical Progression - Level 4.5: Senior Process Instrumentation Technician (Oil & Gas)</p> <p>Horizontal Progression – Level 4: Refinery Production Technician (O&M)</p>

IX. Healthcare Sector Skill Council (HSSC)
SECTOR- Healthcare (3 New Qualifications)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1.	Naturopathy Assistant	Ayush	<p>10th Grade pass</p> <p>OR</p> <p>8th Grade Pass with 2 years of</p>	<p>Total - 480 Hrs</p> <p>Theory: 150</p> <p>Practical:180</p>	3	<p>Horizontal Progression: NSQF level 3</p> <p>Assistant Yoga Instructor , Ayurveda</p>

			relevant experience OR 8 th Grade pass and pursuing continuous schooling in regular school with vocational subject OR Previous relevant qualification of NSQF Level 2.5 with 1.5 years of relevant experience	OJT: 150		Masseur, Garbhini Rakshaka Vertical Progression NSQF Level 4 Hospital Front Desk Coordinator
2.	Ayurvedic Aesthetic Assistant	Ayush	10 th Grade pass OR 8 th Grade Pass with 2 years of relevant experience OR 8 th Grade pass and pursuing continuous schooling in regular school with vocational subject OR Previous relevant qualification of NSQF	Total - 480 Hrs Theory : 150 Hrs Practical : 180 Hrs OJT : 150 Hrs	3	Vertical Progression: NSQF level 4 Ayurveda Ahar & Poshan Sahyaka NSQF level 4 Hospital Front Desk Coordinator

			Level 2.5 with 1.5 years of relevant experience			
3.	Cupping Therapist	Ayush	<p>Pursuing first year of 2-year PG program (AYUSH) after completing 3 year UG degree in the relevant field</p> <p>OR</p> <p>Pursuing 4th year UG (in case of 4-year UG with honours/ honours with research) in the relevant field (Physiotherapy/ (MBBS/ BAMS/BNYS/ BUMS) with continuing education</p> <p>OR</p> <p>Completed 3-year UG degree program after 12th in the relevant field (Physiotherapy/ (MBBS/ BAMS/BNYS/ BUMS with 1 year of relevant experience.</p>	<p>Total -600 Hrs</p> <p>Theory: 230 Hrs</p> <p>Practical: 250 Hrs</p> <p>OJT: 120 Hrs</p>	6	<p>Horizontal Progression NSQF level 6</p> <p>Prakriti Evaluator NSQF level 6</p> <p>Duty Manager - Patient Relation Services NSQF level 6 - Healthcare Quality Assurance Manager</p>

**X. Domestic Worker Sector Skill Council
SECTOR- Domestic Workers (03 New Qualifications)**

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Multi Skill Technician (Household and Small Establishment)	Housekeeping	<p>10th Grade Pass OR 8th Grade pass and pursuing continuous schooling in regular school (in case of 2-year program) OR 9th Grade pass and pursuing continuous schooling in regular school OR 9th Grade pass with 1 year of relevant experience OR 8th Grade pass with 2 years of relevant experience OR 5th Grade Pass with 5 years of relevant experience OR Previous relevant Qualification of NSQF Level 2.5 with 1.5 Years of relevant experience OR Previous relevant Qualification of NSQF Level 2 with 3 Years of relevant experience</p>	TOTAL- 360 Hrs Theory- 120 Hrs Practical- 200 Hrs OJT (R/M)- 120 Hrs (Rec) ES- 30 Hrs	3	Project Supervisor- Repairing
2	Deep Cleaning Operator	Housekeeping	<p>11th Grade pass OR Completed 1st year of 3-year diploma after 10th OR 10th Grade pass and pursuing continuous schooling. OR 10th grade pass with 1-year relevant experience OR 8th Grade pass with 3 years relevant experience</p>	TOTAL- 420 Hrs Theory- 135 Hrs Practical- 255 Hrs OJT (R/M)- 60 Hrs (Rec)	3.5	Entrepreneurial Job role Deep Cleaning Service Provider

			OR Previous relevant Qualification of NSQF Level 2.5 with 3 years relevant experience OR Previous relevant Qualification of NSQF Level 3 with 1.5 years relevant experience	ES - 30 Hrs		
3	Manager Estate	Housekeeping	12 th grade pass with 5 years of relevant experience. OR Previous relevant Qualification of NSQF Level 5 with 1.5 years of relevant experience	TOTAL - 660 Hrs Theory - 210 Hrs Practical - 360 Hrs OJT (R/M) - 120 Hrs (Rec) ES - 90 Hrs	5.5	Entrepreneurial Job role Estate Head

XI. Skill Council for Mining Sector

A. SECTOR- Mining (01 New Qualification)

S. N o	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQ F Level	Progression
1	Coal Bed Methane (CBM) Extraction Operator	Specialised Operations	<p>10th Grade pass OR 9th Grade pass and pursuing continuous schooling in regular school OR 9th Grade pass with 1 year relevant experience OR 8th Grade pass with 2 years relevant experience OR 5th Grade pass with 5 years relevant experience OR Previous relevant Qualification of NSQF Level (2.5-Jr. Coal Bed Methane Extractor) with 1.5 Years of experience in relevant field – To be developed</p>	Total: 420 Hrs Theory: 90 Hrs Practical: 120 Hrs OJT: 150 Hrs Total (Domain): 360 Hrs ES : 60 Hrs	3.0	NSQF Level 4 – Mine Roof Bolter, Ventilation Checker cum Fan Operator

B. SECTOR- Mining (01 Revised Qualification)

S. N o	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Mining Rescue Operator	HSE Functions	<p>10th Grade pass OR 9th Grade pass and pursuing continuous schooling in regular school OR 9th Grade pass with 1 year relevant experience OR 8th Grade pass with 2 years relevant experience OR 5th Grade pass with 5 years relevant experience OR Previous relevant Qualification of NSQF Level (2.5- Ventilation Crew Personnel) with 1.5 Year of experience in relevant field – To be developed</p>	<p>Total: 420 Hrs Theory: 90 Hrs Practical: 90 Hrs OJT: 180 Hrs Total(Domain): 360 Hrs ES : 60 Hrs</p>	3.0	NSQF Level 4.0 - Rescue Room Incharge, Rescue Room Instructor (to be developed)

**XII. Nettur Technical Training Foundation
SECTOR- Capital Goods (12 New Qualifications)**

S. N o	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Technician Electrical and Electronics	Assembly of Electrical and Electronics devices	10 th Pass	Total: 1200 Hrs Theory - 480 Hrs Practical - 570 Hrs OJT - 90 Hrs ES - 60 Hrs	3.5	Academic Progression: Advance Certificate - Industrial Control and Instrumentation Technician
2	Mechanical Fitter	Mechanical Fitting & Assembly	10 th Pass	Total - 1200 Hrs Theory - 420 Hrs Practical - 630 Hrs OJT - 90 Hrs ES - 60 Hrs	3.5	Academic Progression: Advance Certificate - Assistant Tool Maker
3	Fitter- Mechanical assembly	Mechanical components fitting & assembly	10 th Pass	Total – 1320 Hrs Theory – 320 Hrs Practical - 245 Hrs OJT - 695 Hrs ES – 60Hrs	3.5	Academic Progression: Advanced Certificate - Assistant Technician-Manufacturing & assembly
4	Technical Assistant – Automation	Maintenance of Automation systems	10 th Pass	Total – 1260 Hrs Theory – 330 Hrs Practical – 150 Hrs OJT- 690 Hrs ES – 90 Hrs	3.5	Academic Progression: Advance Certificate – Technician Industrial Control and Instrumentation
5	Assistant Technician - Automation	Assembling of automation equipment	Lateral Entry 12 th Pass with Mathematics OR After 10 th Pass 2 years ITI Candidates of the following trades: Maintenance Mechanic (Chemical Plant), Technician Medical Electronics, Instrument Mechanic	Total – 1290 Hrs Theory - 375 Hrs Practical – 150 Hrs OJT – 675 Hrs ES - 90 Hrs	4	Academic Progression: Diploma in Industrial Automation

			(Chemical Plant), Instrument Mechanic, Technician Mechatronics, Textile Mechatronics. OR After 10 th Pass completed 2 year diploma in relevant trade OR Certificate – Technical Assistant – Automation (Level 3.5) from NTTF			
6	Assistant Tool Maker	Tool Manufacturin g	12 th Pass with Mathematics OR After 10th Pass 2 years ITI Candidates of the following trades: Fitter, Turner, Machinist Grinder, Machinist, Mechanic Machine Tool Maintenance, Tool & Die Maker (Dies & Moulds), Tool & Die Maker (Press Tools, Jigs &Fixtures) OR After 10th Pass completed 2 year diploma in relevant trade OR Certificate- Mechanical Fitter (Level 3.5) from NTTF	Total - 1200 Hrs Theory - 360 Hrs Practical - 690 Hrs OJT - 90 Hrs ES - 60 Hrs	4	Academic Progression: Diploma - Tool Engineering and Digital Manufacturing
7	Industrial Control and Instrumentatio n Technician	Industrial Control and Instrumentati on	12 th Pass with Mathematics OR After 10 th Pass 2 years ITI Candidates of the following trades: Maintenance	Total : 1200 Hrs Theory - 520 Hrs Practical - 530 Hrs OJT - 90 Hrs ES - 60 Hrs	4	Academic Progression: Diploma - Mechatronics Engineering and Smart Factory

			Mechanic (Chemical Plant), Technician Medical Electronics, Instrument Mechanic (Chemical Plant), Instrument Mechanic, Technician Mechatronics, Textile Mechatronics OR After 10 th Pass completed 2 year diploma in relevant trade OR Certificate - Technician Electrical and Electronics - Level 3.5 from NTTF			
8	Assistant Technician-Manufacturing & assembly	Manufacturing and Assembly of mechanical products / automobile, Precison assembly	Lateral Entry 12 th Pass with Mathematics OR After 10 th Pass 2 years ITI Candidates of the following trades: Fitter, Turner, Machinist Grinder, Machinist, Mechanic Machine Tool Maintenance, Tool & Die Maker (Dies & Moulds), Tool & Die Maker (Press Tools, Jigs &Fixtures) OR After 10 th Pass completed 2 years diploma in relevant trade OR Certificate: Fitter- Mechanical assembly (Level 3.5) from NTTF	Total – 1320 Hrs Theory - 375 Hrs Practical – 183 Hrs OJT - 672 Hrs ES - 90 Hrs	4	Academic Progression: Diploma in Manufacturing Engineering

9	Tool Engineering and Digital Manufacturing	Manufacturing of Press tools, Dies, moulds, Jigs and Fixtures Maintenance of Press tools, Dies, moulds, Jigs and Fixtures Design of Press tools, Dies, moulds, Jigs and Fixtures Digital Manufacturing (CNC, CAD / CAM, Additive manufacturing)	Advance Certificate - Assistant Tool Maker (Level 4.0) from NTTF	Total - 1410 Hrs Theory - 310 Hrs Practical - 690 Hrs OJT - 350 Hrs ES - 60 Hrs	4.5	Professional Progression: After Completion of 3 years of Full Time Programme and after 3 years of Industry Experience the Job Holder can work as Tool and Die Engineer, Process Engineer, Product Design Engineer, Tool Designer, Digital Manufacturing engineer, Digital Quality engineer and Additive Manufacturing Engineer. Academic Progression: Post Diploma, B. VoC and B.Tech Degree Course in Relevant areas.
10	Mechatronics Engineering and Smart Factory	Automation Engineering, Robotics Engineering, Additive Manufacturing Implementing IIOT	Advance Certificate - Industrial Control and Instrumentation Technician (Level 4.0) from NTTF	Total: 1380 Hrs Theory - 330 Hrs Practical - 620 Hrs OJT - 370 Hrs ES - 60 Hrs	4.5	Professional Progression: After Completion of Course and after 5 years of Industry Experience the Job Holder can

						work as a R&D Engineer, Servicing Engineer and Maintenance Engineer. Academic Progression: Post Diploma, B. VoC and B. Tech Degree Course in Relevant areas.
11	Manufacturing Engineering	Manufacturing / Production Engineering, Quality Assurance Assembling auto components for automobile	Advanced Certificate - Junior Technician-Manufacturing & assembly (Level 4.0) from NTTF	Total - 1260 Hrs Theory - 375 Hrs Practical – 115 Hrs OJT – 680 Hrs ES – 90 Hrs	4.5	Professional Progression: After Completion of 3 years of Full Time Programme and after 3 years of Industry Experience the Job Holder can work as Production Engineer, Machine Shop Engineer, Quality Assurance Engineer Academic Progression: Post Diploma, Degree Course in Relevant areas.

12	Industrial Automation	Industrial instrumentation engineering, Industrial Automation implementation on Engineering, Industrial automation Maintenance engineering	Advanced Certificate – Assistant Technician - Automation Level 4.0 from NTTF	Total – 1290 Hrs Theory - 375 Hrs Practical – 135 Hrs OJT -690 Hrs ES – 90 Hrs	4.5	Professional Progression: After Completion of Course and after 5 years of Industry Experience the Job Holder can work as a R&D Engineer, Servicing Engineer and Maintenance Engineer. Academic Progression: Post Diploma, Degree Course in Relevant areas.
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Summary of NOS for NSQF Alignment and Approval

I. Automotive Skills Development Council (ASDC)
SECTOR - Automotive (4 New NOS)

S. N o	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQ F Level	Progression
1	Computer Aided Product Design	Automotive Product Designing	<p>Completed 3rd year of UG in relevant trade OR Pursuing 3rd year of UG and continuous education OR Completed 2nd year diploma after 12th with 1 year of relevant experience OR 12th Grade Pass with 1 year NAC plus 1 year CITS in the relevant area with 2 years of relevant experience OR 12th Grade pass with 1 year NTC plus 1 year NAC/CITS in the relevant area with 2 years of relevant experience OR Completed 3-year diploma (after 10th) in the relevant area with 2 Years of relevant experience OR 12th Grade pass with 4 Years of relevant experience</p>	<p>Theory - 15 Hrs. Practical - 45 Hrs. Total - 60 Hrs.</p>	5.5	Computer Aided Product Design Engineer, Level-6 (Qualification Not Developed) or Computer Aided Product Design Engineering Analyst (Level-6) (Qualification Not Developed)
2	Product Reverse Engineering	Automotive Product Designing	NSQF level 5.5 Certificate (Computer Aided Product Design)	<p>Theory - 15 Hrs. Practical - 45 Hrs. Total -60 Hrs.</p>	5.5	Product Reverse Engineering Head, Level-6 (Qualification Not Developed)
3	Industrial Robotic System Planning	Automotive Product Development	<p>Completed 3rd year of UG in relevant trade OR Pursuing 3rd year of UG</p>	<p>Theory - 15 Hrs. Practical - 45 Hrs.</p>	5.5	Robotic System Planning Engineer,

			<p>and continuous education</p> <p>OR</p> <p>Completed 2nd year diploma after 12th with 1 year of relevant experience</p> <p>OR</p> <p>12th Grade Pass with 1 year NAC plus 1 year CITS in the relevant area with 2 years of relevant experience</p> <p>OR</p> <p>12th grade pass with 1 year NTC plus 1 year NAC/CITS in the relevant area with 2 years of relevant experience</p> <p>OR</p> <p>Completed 3-year diploma (after 10th) in the relevant area with 2 Years of relevant experience</p> <p>or</p> <p>12th Grade pass with 4 Years of relevant experience</p>	Total -60 Hrs.		Level-6 (Qualification Not Developed)
4	Industrial Robotic System Integration	Automotive Product Development	NSQF level 5.5 Certificate (Industrial Robotic System Planning)	Theory - 15 Hrs. Practical- 45 Hrs. Total -60 Hrs.	5.5	Robotic System Integration Engineer-6, (Qualification Not Developed)

Summary of Micro Credentials for NSQF Alignment and Approval**I. Life Sciences Sector Skill Development Council (LSSSDC)
SECTOR - Lifesciences (8 New Micro Credentials)**

S. N o	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Foundation skill for retail cashier (Adopted from Associate Store-Retail Pharmacy Operations & Retail Cashier)	Sales and Marketing	12th Grade pass OR Pursuing 3 rd of year of Diploma (after 10th Class) in any field	Total: 15 Hrs Theory: 12 Hrs Practical: 03 Hrs	4	Order Management
2	Order Management (Adopted from Associate Store-Retail Pharmacy Operations & Retail Cashier)	Sales and Marketing	12th Grade pass OR Pursuing 3 rd -year of Diploma (after 10th Class) in any field	Total: 30 Hrs Theory: 21 Hrs Practical: 09 Hrs	4	Managing Point of Sales (POS)
3	Managing Point of Sales (POS) (Adopted from Associate Store-Retail Pharmacy Operations	Sales and Marketing	Pursuing 1 st year of Graduation and continuous education OR Completed 2-year Diploma (after 12th Class) in	Total: 30 Hrs Theory: 22 Hrs Practical: 08 Hrs	4.5	Payment and Transaction management

	& Retail Cashier)		relevant field			
4	Payment and Transaction management (Adopted from Associate Store- Retail Pharmacy Operations & Retail Cashier)	Sales and Marketing	Pursuing 1 st year of Graduation and continuous education OR Completed 3-year Diploma (after 12th Class) in any field OR Completed 2-year Diploma (after 12th Class) in relevant field	Total: 30 Hrs Theory: 20 Hrs Practical: 10 Hrs	4.5	In case of D Pharma Associate Store (Pharma, Bio-pharm and Medical Devices- Retail Pharmacy Operations Or Cashier Apprenticeship
5	Foundation for Pharma sales and Marketing (Adopted from Medical Sales Representative)	Sales and Marketing	Pursuing 1 st year of Graduation and continuous education OR Completed 3-year Diploma (after 12th Class) in any field OR Completed 2-year Diploma (after 12th Class) in relevant field	Total: 15 Hrs Theory: 11 Hrs Practical: 4 Hrs	4.5	Product promotion with Registered Medical Practitioners
6	Product promotion with Registered Medical Practitioners	Sales and Marketing	Pursuing 1 st year of Graduation and continuous education OR Completed 3-year Diploma (after 12th	Total: 30 Hrs Theory: 19 Hrs Practical: 11 Hrs	4.5	Retail Chemist prescription Audit

	(Adopted from Medical Sales Representative)		Class) in any field OR Completed 2-year Diploma (after 12th Class) in relevant field			
7	Retail Chemist prescription Audit (Adopted from Medical Sales Representative)	Sales and Marketing	Pursuing 2 nd year of Graduation and continuous education OR Completed 3-year Diploma (after 12th Class) in any field OR Completed 2-year Diploma (after 12th Class) in relevant field	Total: 30 Hrs Theory: 22 Hrs Practical: 08 Hrs	5	Retail Pharmacy Management and Sales.
8	Retail Pharmacy Management and Sales. (Adopted from Medical Sales Representative)	Sales and Marketing	Pursuing 2 nd year of Graduation and continuous education OR Completed 3-year Diploma (after 12th Class) in any field OR Completed 2-year Diploma (after 12th Class) in relevant field	Total: 30 Hrs Theory: 20 Hrs Practical: 10 Hrs	5	Medical Sales Representative/ Therapeutic Business Manager Apprenticeship

**II. Management & Entrepreneurship and Professional Skills Council (MEPSC)
SECTOR – Management, (1 New Micro Credential)**

S. N o	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Licensee – Security Services	Private Security	10 th grade pass with 2 years of relevant experience.	30 hrs	4	NA

Annexure VII

Summary of Qualifications submitted for NSQF alignment by Armed Forces Awarding Bodies

1. Directorate General Armoured Corps (01 New Qualification)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Radio Communication Operator	Communication	12 th pass/ Equivalent	Total – 1350 Hrs Theory – 395 Hrs Practical – 455 Hrs OJT – 380 Hrs ES – 120 Hrs	4.5	Radio Communication Supervisor

2. Addl Directorate General Mechanised Infantry (02 New Qualifications)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Laundry Manager	Washerman	12 th pass/ Equivalent And 12 Years of Relevant Experience	Total – 1350 Hrs Theory – 480 Hrs Practical-480 Hrs OJT-270 Hrs ES-120 Hrs	5.5	No further vertical progression
2	Supervisor Security Surveillance System	Security Surveillance	12 th pass/ Equivalent And 8 Years of Relevant Experience	Total – 1350 Hrs Theory – 410 Hrs Practical-460 Hrs OJT-360 Hrs ES-120 Hrs	5	VERTICAL Assistant Manager Security Surveillance System

3. Directorate General Arty (01 New Qualification)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Human Resource Executive	HD	12 th pass/ Equivalent And 8 Years of Relevant Experience	Total – 1350 Hrs Theory – 395 Hrs Practical – 455 Hrs OJT – 380 Hrs ES – 120 Hrs	5	Human Resource Supervisor

4. Army Education Corps (02 New Qualifications)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Librarian	Librarian	Graduate from any Stream (Knowledge of Hindi and English)	Total – 1500 Hrs Theory – 780 Hrs Prac - 114 Hrs OJT - 486 Hrs ES - 120 Hrs	5	Chief/ Head Librarian
2	Music Performer 15 Electives: Flute/Piccolo Oboe Eb Clarinet Bb Clarinet Eb Alto Saxophopne Bb Tenor Saxophone Bassoon French Horn Bb Cornet Bb Tenor Trombone G Bass Trombone Bb Euphonium Eb/Bbb Bass Side Drum/ Effects Bass Drum/ Timpani	Musician	10 th grade pass With three years of relevant experience OR 12 th pass/ Equivalent	Total – 1080 Hrs Theory- 80 Hrs Prac – 560 Hrs OJT – 320 Hrs ES- 120 Hrs <u>Electives</u> Total - 750 Hrs Theory- 250 Hrs Prac - 400 Hrs OJT – 100 Hrs	4.5	Music Composer/ Instructor

5. Army Air Defence (04 New Qualifications)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Material Handler (Gunner)	Material	Passed 10+2 or equivalent	Total - 1350 Hrs Theory- 540 Hrs Practical – 450 Hrs OJT – 240 Hrs ES- 120 Hrs	4.5	Senior Material Handler
2	Production Line Operator	Radio Comm	Passed 10+2 or equivalent	Total - 1350 Hrs Theory- 540 Hrs Practical – 450 Hrs OJT – 240 Hrs ES- 120 Hrs	4.5	Senior Production Operator

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
	Camp Helper (Advanced) Mess Keeper	Camp Setting	Passed 10+2 or equivalent	Total - 1350 Hrs Theory- 360 Hrs Practical – 390 Hrs OJT – 480 Hrs ES- 120 Hrs	4.5	Trekking Guide
	Radar Jammer Vehicle Operator	Radar	Passed 10+2 or equivalent	Total - 1350 Hrs Theory- 540 Hrs Practical – 450 Hrs OJT – 240 Hrs ES- 120 Hrs	4.5	Senior Radar Jammer Operator

6. Army Service Corps (04 New Qualifications)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Commis Chef (Advanced)	Cooking	Passed 10+2 or equivalent	Total - 1200 Hrs Theory- 320 Hrs Practical – 280 Hrs OJT – 480 Hrs ES- 120 Hrs	4.5	Demi Chef De Party
2	Chef Special	Cooking	Passed 10+2 or equivalent	Total - 1350 Hrs Theory- 320 Hrs Practical – 280 Hrs OJT – 480 Hrs ES- 120 Hrs	4.5	Kitchen Supervisor
3	Chef Wellness	Cooking	Passed 10+2 or equivalent	Total - 1350 Hrs Theory- 390 Hrs Practical – 340 Hrs OJT – 540	4.5	Chef Nutrition

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
				Hrs ES- 120 Hrs		
4	Equine Groomer (Advanced)	Horse Grooming	Passed 10+2 or equivalent	Total - 1350 Hrs Theory- 390 Hrs Practical – 340 Hrs OJT – 540 Hrs ES- 120 Hrs	4.5	Equine Supervisor

7. Directorate General Remount Veterinary Services (03 New Qualifications)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Farriery Supervisor	Riding	12 th Grade Pass / equivalent And Minimum 8 Years of domain experience in the Equine Farrier Field And Qualified in Advanced courses in Equine Farrier Field	Total - 1350 Hrs Theory- 314 Hrs Practical – 774 Hrs OJT – 142 Hrs ES- 120 Hrs	5	Assistant Manager Equine Farrier
2	Horse Training Supervisor	Riding	12 th Grade Pass / equivalent And Minimum 8 Years of domain experience in the Field of Equitation And Qualified in riding courses in Equine sports and management	Total - 1350 Hrs Theory- 112 Hrs Practical – 774 Hrs OJT – 513 Hrs ES- 120 Hrs	5	Assistant Manager Horse Riding Academy
3	Instructor-Dog Training	Dog Handling	12 th Grade Pass / equivalent And	Total - 1350 Hrs Theory- 224	5	Assistant Manager Dog Training

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
			Minimum 8 Years of domain experience in Dog Training and Management And Qualified in Advanced courses in Dog training handling and management	Hrs Practical – 859 Hrs OJT – 157 Hrs ES- 120 Hrs		

8. Corps of Signals (07 New Qualifications)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Data Network Engineer	Junior Engineer (Network)	Minimum 10+2 (PCM) or equivalent And Minimum 12 years of relevant experience	Total - 1350 Hrs Theory- 270 Hrs Practical – 340 Hrs OJT – 650 Hrs ES- 90 Hrs	5.5	Data Network Administrator
2	IT Support Engineer	Junior Engineer (System)	Minimum 10+2 (PCM) or equivalent And Minimum 12 years of relevant experience	Total - 1350 Hrs Theory- 281 Hrs Practical – 199 Hrs OJT – 780 Hrs ES- 90 Hrs	5.5	Administrator IT Enabled Services (ITeS)
3	Data Interpreter	Operator Special Signals	Minimum 10+2 (PCM) or equivalent And Minimum 8 years of relevant experience	Total - 1260 Hrs Theory- 262 Hrs Practical – 128 Hrs OJT – 780 Hrs ES- 90 Hrs	5	Senior Data Interpreter
4	Senior Data Interpreter	Operator Special Signals	Minimum 10+2 (PCM) or equivalent And Minimum 12 years of relevant experience	Total - 1350 Hrs Theory- 287 Hrs Practical – 133 Hrs OJT – 840 Hrs ES- 90 Hrs	5.5	Administrator Data Interpretation
5	Supervisor Network	Lineman	Minimum 10 Pass or equivalent	Total - 1350 Hrs Theory- 210 Hrs	5.5	Administrator Network

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
	System Support		And Minimum 12 years of relevant experience	Practical – 150 Hrs OJT – 900 Hrs ES - 90 Hrs		System Support
6	Technician Crypto System & Information Security	Operator Cipher	Minimum 10 Pass or equivalent And Minimum 08 years of relevant experience	Total - 1260 Hrs Theory - 391 Hrs Practical – 149 Hrs OJT – 630 Hrs ES - 90 Hrs	5	Supervisor Crypto System & Information Security
7	Supervisor Crypto System & Information Security	Operator Cipher	Minimum 10 Pass or equivalent And Minimum 12 years of relevant experience	Total - 1350 Hrs Theory - 342 Hrs Practical – 138 Hrs OJT – 780 Hrs ES - 90 Hrs	5.5	Administrator Crypto System & Information Security

9. Directorate General of EME (17 New Qualifications)

S. N o	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQ F Level	Progression
1	Senior Technician Communication Equipment	Communication Eqpt	Passed class 12th / equivalent And 12 Years of domain experience in Technical communication Eqpt	Total - 1140 Hrs Theory - 360 Hrs Practical – 510 Hrs OJT – 150 Hrs ES - 120 Hrs	5	Supervisor Technician Communication Equipment
2	Supervisor Technician Communication Equipment	Communication Eqpt	Passed 10+2 with PCM And 12 Years of domain experience as Senior Technician Communication	Total - 990 Hrs Theory - 330 Hrs Practical – 390 Hrs OJT – 150 Hrs ES - 120 Hrs	5.5	Assistant Manager Maintenance Communication Equipment
3	Senior Technician Mechatronics (Gun Control Equipment)	Mechatronics	Minimum 10+2 (PCM) or equivalent And	Total - 1140 Hrs Theory - 266	5	Supervisor Mechatronics

S. N o	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQ F Level	Progression
			Eight years' service of domain as experience as Technician Mechatronics (Gun Control Equipment)	Hrs Practical – 620 Hrs OJT – 134 Hrs ES- 120 Hrs		(Gun Control Equipment)
4	Supervisor Technician Mechatronics (Gun Control Equipment)	Mechatronics	Minimum 10+2 (PCM) or equivalent And Minimum 12 years of relevant experience	Total - 1290 Hrs Theory- 232 Hrs Practical – 812 Hrs OJT – 126 Hrs ES- 120 Hrs	5.5	Supervisor Mechatronics (Gun Control Equipment)
5	Senior Technician Maintenance Radar	Radar	Minimum 10+2 (PCM) or equivalent And Minimum 8 years of relevant experience	Total - 1320 Hrs Theory- 550 Hrs Practical – 471 Hrs OJT – 179 Hrs ES- 120 Hrs	5	Supervisor Technician Maintenance Radar
6	Supervisor Technician Maintenance (Radar)	Radar	Minimum 10+2 (PCM) or equivalent And Minimum 12 years of relevant experience	Total - 1320 Hrs Theory- 232 Hrs Practical – 422 Hrs OJT – 546 Hrs ES- 120 Hrs	5.5	Assistant Engineer Maintenance Radar
7	Senior Armament Technician	Armament	Minimum 10+2 (PCM) or equivalent And	Total - 1200 Hrs Theory- 360	5	Supervisor Armament Technician

S. N o	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQ F Level	Progression
			Minimum 8 years of relevant experience	Hrs Practical – 540 Hrs OJT – 180 Hrs ES – 120 Hrs		
8	Supervisor Armament Technician	Armament	Minimum 10+2 (PCM) or equivalent And Minimum 12 years of relevant experience	Total - 1320 Hrs Theory - 232 Hrs Practical – 422 Hrs OJT – 546 Hrs ES – 120 Hrs	5.5	Asst Manager Armament Equipment
9	Senior Technician Heavy Engineer Equipment (Army Trade – Auto Tech Engineer Equipment)		Minimum 10+2 (PCM) or equivalent And Minimum 8 years of relevant experience	Total - 1050 Hrs Theory - 300 Hrs Practical – 450 Hrs OJT – 180 Hrs ES – 120 Hrs	5	Supervisor Technician Heavy Engineer Equipment
10	Senior Technician Small Arms(Army Trade – Technician Small Arms)	Armament	Minimum 10+2 (PCM) or equivalent And Minimum 8 years of relevant experience	Total - 870 Hrs Theory - 240 Hrs Practical – 390 Hrs OJT – 120 Hrs ES – 120 Hrs	5.5	Supervisor Technician Small Arms
11	Supervisor Technician Small Arms(Army Trade – Technician Small Arms)	Armament	Minimum 10+2 (PCM) or equivalent And Minimum 12 years of relevant experience	Total - 930 Hrs Theory - 180 Hrs Practical – 450 Hrs OJT – 180 Hrs ES – 120 Hrs	5.5	Asst Manager Small Arms

S. N o	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQ F Level	Progression
12	Senior Technician Optical Instrument (Army Trade – Technician Opto-Electronics, Grade-II)	Optical	Minimum 10+2 (PCM) or equivalent And Minimum 8 years of relevant experience	Total - 990 Hrs Theory- 270 Hrs Practical – 390 Hrs OJT – 210 Hrs ES- 120 Hrs	5	Supervisor Technician Optical Instrument
13	Supervisor Technician Optical Instrument	Optical	Minimum 10+2 (PCM) or equivalent And Minimum 12 years of relevant experience	Total - 1140 Hrs Theory- 240 Hrs Practical – 510 Hrs OJT – 270 Hrs ES- 120 Hrs	5.5	Assistant Manager Optical Instrument
14	Supervisor Artisan -Metal Works	Metal Works	Minimum 10+2 (PCM) or equivalent And Minimum 8 years of relevant experience	Total - 1320 Hrs Theory- 58 Hrs Practical – 511 Hrs OJT – 631 Hrs ES- 120 Hrs	5	Supervisor in Metal Works Industry
15	Senior Supervisor Artisan Metal Works	Metal Works	12 th Pass/ Equivalent And 12 Yrs of experience in the field of Welding, Sheet Metal Wks & Machinist	Total - 1320 Hrs Theory- 54 Hrs Practical – 230 Hrs OJT – 916 Hrs ES- 120 Hrs	5.5	Supervisor in Metal Works Industry
16	Supervisor In Refrigeration and Air Conditioning Technician	Supervisor	12 th Pass/ Equivalent And 12 Yrs of	Total - 1320 Hrs Theory- 160 Hrs Practical – 415 Hrs	5	Sr Supervisor in Refrigeration & Air-conditioning

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
			relevant experience	OJT – 625 Hrs ES - 120 Hrs		
17	Sr Supervisor In Refrigeration and Air Conditioning Repairs	Supervisor	12 th Pass/ Equivalent And 12 yrs of in-service experience in the field of Refrigeration & AC sys	Total - 1320 Hrs Theory - 160 Hrs Practical – 415 Hrs OJT – 625 Hrs ES - 120 Hrs	5.5	Manager in Refrigeration & Air-conditioning manufacturing Industries

10. Intelligence Corps (03 New Qualifications)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Field Investigator	Private Security	Passed 10+2 or equivalent	Total - 1230 Hrs Theory - 120 Hrs Practical – 420 Hrs OJT – 570 Hrs ES - 120 Hrs	5	Private Detective
2	Private Detective	Private Security	Passed 10+2 or equivalent	Total - 1290 Hrs Theory - 180 Hrs Practical – 510 Hrs OJT – 480 Hrs ES - 120 Hrs	5	Corporate Investigator
3	Corporate Investigator	Private Security	Minimum 10+2 (PCM) or equivalent And Minimum 12 years of relevant experience	Total - 1260 Hrs Theory - 180 Hrs Practical – 450 Hrs OJT – 510	5	Senior Corporate Investigator

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
				Hrs ES- 120 Hrs		

11. Army Ordnance Services (02 New Qualifications)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	Store Keeper		Passed 10+2 or equivalent	Total - 1350 Hrs Theory- 870 Hrs Practical – 450 Hrs OJT – 110 Hrs ES- 120 Hrs	4.5	Warehouse Supervisor
2	Asst Ammunition Examiner	Ammunition	Passed 10+2 or equivalent	Total - 1350 Hrs Theory- 870 Hrs Practical – 450 Hrs OJT – 110 Hrs ES- 120 Hrs	4.5	Ammunition Examiner

12. Directorate General of Medical Services (01 New Qualification)

S. No	Name of qualification	Occupation	Entry Requirement	Notional Hours	NSQF Level	Progression
1	General Duty Assistance Ambulance	Medical	Passed 10+2 or equivalent	Total - 1350 Hrs Theory- 334 Hrs Practical – 420 Hrs OJT – 476 Hrs ES- 120 Hrs	4.5	Warehouse Supervisor

13. Indian Air Force (11 New Qualification)

S. No	Name of qualification	Occupation	Entry Requirement	Notional hours	NSQF Level	Progression
1	Accounting Associate	Associate	Candidate should have passed Intermediate/ 10+2/ equivalent examination within any subject approved by central/State Education Board listed in COBSE Members with minimum 50% marks in aggregate and 50% marks in English.	Total - 1650 Hrs Theory - 807 Hrs Practical - 289 Hrs OJT - 554 Hrs	4.5	Vertical progression Senior Associate Assistant Manager Manager/ USTAD Academics CERTIFICATE DIPLOMA BACHELOR DEGREE

2	Logistics Associate	Associate	Passed Intermediate / 10+2 /equivalent examination in any stream / subjects approved by Central / State Education Boards with minimum 50% marks in aggregate and 50% marks in English.	Total - 1650 Hrs Theory - 813 Hrs Practica I- 302 Hrs OJT - 535 Hrs	4.5	Vertical progression Senior Associate Assistant Manager Manager/ USTAD Academics CERTIFICATE DIPLOMA BACHELOR DEGREE
3	Maintenance Assistant (Building, Environment and Hygiene)	Assistant	Candidates should have passed Matriculation / Equivalent examination from an Education Board listed as COBSE member.	Total - 2620 Hrs Theory - 1150 Hrs Practica I - 680 Hrs OJT - 610 Hrs	4	Vertical progression SENIOR ASSISTANT SUPERVISOR SENIOR SUPERVISOR Academics SECONDARY SENIOR SECONDARY HIGHER SECONDARY

4	Food and Beverage Assistant	Assistant	Candidates should have passed Matriculation or Equivalent examination from an Education Board listed as COBSE member.	Total - 2320 Hrs Theory - 1099 Hrs Practica I - 646 Hrs OJT - 575 Hrs	4	Vertical progression SENIOR ASSISTANT SUPERVISOR SENIOR SUPERVISOR Academics SECONDARY SENIOR SECONDARY HIGHER SECONDARY
5	Air Surveillance Assistant	Assistant	Candidate should have passed Intermediate/ 10+2/ equivalent examination with in any subject approved by central/State Education Board listed in COBSE Members with minimum 50% marks in aggregate and 50% marks in English.	Total - 2100 Hrs Theory - 1005 practical - 404 Hrs OJT - 691 Hrs	4.5	Vertical progression ASSISTANT SENIOR ASSISTANT SUPERVISOR Manager/USTAD Academics CERTIFICATE DEPLOMA BACHELOR DEGREE

6	Fire Fighting and Environmental Safety Associate	Associate	Passed Intermediate / 10+2 /equivalent examination in any stream / subjects approved by Central / State Education Boards with minimum 50% marks in aggregate and 50% marks in English.	Total - 1840 Hrs Theory - 1022 Hrs Practica l - 235 Hrs OJT - 535 Hrs	4.5	Vertical progression SENIOR ASSISTANT SUPERVISOR Manager/USTAD Academics CERTIFICATE DEPLOMA BACHELOR DEGREE
7	Meteorological Assistant	Assistant	Candidate should have passed Intermediate/ 10+2/ equivalent examination with in any subject approved by central/State Education Board listed in COBSE Members with minimum 50% marks in aggregate and 50% marks in English.	Total Hrs: 1650 Theory: 775 Hrs Practica l: 409 Hrs OJT: 466 Hrs	4.5	Vertical progression SENIOR ASSISTANT SUPERVISOR Manager/USTAD Academics CERTIFICATE DEPLOMA BACHELOR DEGREE

8	Aviation safety Assistant	Assistant	Passed Intermediate / 10+2 /equivalent examination in any stream / subjects approved by Central / State Education Boards with minimum 50% marks in aggregate and 50% marks in English	Total - 1650 Hrs Theory - 734 Hrs Practica I - 290 Hrs OJT - 626 Hrs	4.5	Vertical progression ASSISTANT SENIOR ASSISTANT SUPERVISOR Manager/USTAD Academics CERTIFICATE DEPLOMA BACHELOR DEGREE
9	security assistant (administration)	Assistant	Passed Intermediate / 10+2 /equivalent examination in any stream / subjects approved by Central / State Education Boards with minimum 50% marks in aggregate and 50% marks in English	Total Hrs: 2620 Theory: 1150 Hrs Practica I: 680 Hrs OJT: 610 Hrs	4.5	Vertical progression SENIOR ASSISTANT SUPERVISOR Manager/USTAD Academics CERTIFICATE DEPLOMA BACHELOR DEGREE
10	Physical Fitness Associate	Associate	Passed Intermediate / 10+2 /equivalent examination in any stream / subjects approved by Central / State Education Boards with minimum	Total - 1650 Hrs Theory - 684 Hrs Practica I - 506 Hrs OJT - 460 Hrs	4.5	Vertical progression Senior Associate Assistant Manager Manager/ USTAD Academics CERTIFICATE

			50% marks in aggregate and 50% marks in English.			DEPLOMA BACHELOR DEGREE
11	Office Operations Associate	Associate	Passed Intermediate / 10+2 /equivalent examination in any stream / subjects approved by Central / State Education Boards with minimum 50% marks in aggregate and 50% marks in English.	Total - 1930 Hrs Theory - 924 Hrs Practica I - 348 Hrs OJT - 658 Hrs	4.5	Vertical progression Senior Associate- Assistant Manager Manager/ USTAD Academics CERTIFICATE DEPLOMA BACHELOR DEGREE