MINUTES OF THE 34th MEETING OF NATIONAL SKILLS QUALIFICATIONS COMMITTEE (NSQC) HELD ON 30th November 2023

The **34th meeting** of the National Skills Qualifications Committee (NSQC) was held on **30th November 2023**, through Video conferencing, under the Chairpersonship of Dr. Nirmaljeet Singh Kalsi, Chairperson, National Council of Vocational Education and Training (NCVET). The list of participants is at **Annexure- I.** The decisions taken by the Committee, w.r.t agenda items, in the meeting are given in the succeeding paras.

1. **AGENDA ITEM 01: Confirmation of the Minutes of the 33rd Meeting of NSQC held on 01st November 2023**

    1.1 The Committee **confirmed the Minutes** of the 33rd meeting of the NSQC held on **01st November 2023** and approved the same.

    1.2 The Committee was apprised about the following editorial corrections required in the Minutes of the 33rd and 30th Meetings of NSQC respectively:

    1.2.1 The Apparel, MadeUps & Home Furnishing Sector Skill Council (AMHSSC) had rationalized 12 out of total 33 qualifications. However, in the minutes of 33rd NSQC meeting (in Annexure II), the number of rationalized qualifications was inadvertently mentioned as Nil instead of 12.

    1.2.2 Three Qualifications of Directorate General of Remount and Veterinary Corps were approved in the 30th NSQC meeting held on 23rd June 2023. The names of the qualifications were erroneously mentioned in the minutes of 30th NSQC. The necessary corrections are given as under:

S.No.	Name of Qualification	NSQF level	Corrected Name of the Qualification
1.	Advanced Equine Farrier (Advance)	4.5	Equine Farrier (Advance)
2.	Advanced Specialist Animal Groomer (Advance)	4.5	Specialist Animal Groomer
3.	Advanced Horse Trainer (Advance)	4.5	Horse Trainer (Advance)

The Committee took note of the editorial corrections in the previous Minutes of the Meeting and approved the same.

2. **AGENDA ITEM 02: Action taken report on the decisions taken in the 33rd Meeting of NSQC**

   2.1 A detailed account of the **action taken** was presented before the Committee on the Minutes of the 33rd NSQC meeting. The Committee took note of the action taken and **approved** the same and further emphasized the following:

   2.1.1 **Rationalization of Qualifications:**
   The Committee was presented a detailed account of the status of NSQF aligned and approved qualifications rationalized with the inclusion of ES and making NOSs multiples of 30 hours, as applicable, in order to align with the National Credit Framework (NCrF).

   The Committee in its 33rd meeting had decided to provide a final extension of one month's time period for all the recognized ABs to complete the rationalization of their remaining NSQF aligned and approved qualifications latest by 30th November 2023. The Committee was apprised that out of 2790 qualifications due for rationalization, a total of 2060 qualifications have already been rationalized. The rationalization of balance 730 qualifications is under progress by the respective Awarding Bodies.

   In terms of Awarding Bodies, the Committee was apprised that out of a total of 53 Awarding Bodies, whose qualifications were due for rationalization, 36 ABs have already completed rationalization of all their qualifications, 16 ABs have partially completed rationalization of qualifications and one (01) AB has not rationalized any of their qualifications. A detailed table of the same has been attached as **Annexure II**.

   The Committee took note of the pending qualifications due for rationalization and provided a final extension of two weeks' time period till 15th December 2023 to the respective Awarding Bodies who are yet to complete the rationalization of their pending qualifications, failing which the unrationalized qualifications shall be archived.

   2.1.2 **NSQF alignment and approval of qualifications and certification of participants at various levels in the World Skills Competition**

   The Committee in its 33rd meeting advised all the recognized ABs (SSCs) of the concerned sectors to adopt WorldSkills standards (including the nomenclature of skills NOS, weightage), develop these qualifications in line with the requirements of National Skills Qualification Framework (NSQF), and

submit the same for NSQC approval by 18 November 2023. Further, the Committee also advised the concerned ABs to submit combined ToT and ToA qualifications of the six sectors owing to the peculiarities of training and assessment of the participants for preparing them in run-up to the World skills event.

The Committee was given a status update regarding the concerned Awarding Bodies who have so far submitted their qualifications for the World Skills Competition. Out of 19 ABs who were to submit their qualifications for NSQF alignment and approval, only 13 have submitted their qualifications and the remaining 06 ABs are yet to submit their qualifications. The Status of receipt qualifications from the concerned ABs for World Skills Competition is given as follows:

SI No	Name of the Awarding Body	Status of Qualifications
1	Furniture and Fitting Skill Council	Received
2	Gems and Jewellery Skill Council of India	Received
3	Agriculture Skill Council of India	Received
4	Apparel Made-Ups Home Furnishing Sector Skill Council	Received
5	Telecom Sector Skill Council	Received
6	NASSCOM (IT-ITES SSC)	Received
7	Automotive Skill Development Council	Received
8	Life Sciences Sector Skill Development Council	Received
9	Tourism and Hospitality Skill Council	Received
10	Healthcare Sector Skill Council (HSSC)	Received
11	Logistics Sector Skill Council	Received
12	Leather Sector Skill Council	Received
13	Electronics Sector Skill Council	Received
14	Media and Entertainment Skills Council(MESC)	Not received
15	Beauty and Wellness Sector Skill Council	Not received
16	Capital Goods Skill Council	Not received
17	Retailers Association's Skill Council of India	Not received
18	Water Management & Plumbing Skill Council	Not received
19	Skill Council for Green Jobs	Not received

The Committee took note of the status update and reiterated that all the concerned ABs are required to promptly submit their qualifications developed for the participants of World Skills Competition along with the

combined ToT & ToA qualifications for NSQC approval before the forthcoming 35th Meeting of NSQC.

2.1.3 **Status of Provisioning a Dashboard for NCVET on SID and free registration of recognized Awarding Bodies and Assessment Agencies on SID**

The Committee in its 32nd meeting had asked NSDC to create and operationalize a separate section for NCVET on the dashboard of SID portal within four weeks i.e before the 33rd NSQC meeting. Accordingly, in the 33rd meeting of NSQC, the Committee was apprised about the meeting conducted with NSDC in which the process flow designing for onboarding of Awarding Bodies has already been worked out. However, NSDC has so far not provided any timelines by which a separate section for NCVET on the dashboard of SID portal will be ready for demonstration.

The Committee took note of the current status and directed NSDC to complete the process of developing a separate section for NCVET on the dashboard of SID portal on urgent basis.

3. **AGENDA ITEM 03: Revision in the Tool Kit List of 03 and 35 NSQF Aligned and approved CTS Qualifications of DGT and Logistics Sector Skill Council (LSC) respectively**

    3.1 The Committee was apprised that three qualifications of DGT namely "*IoT Technician (Smart Agriculture), IoT Technician (Smart City) and IoT Technician (Smart healthcare)*" were approved in the 22nd meeting of NSQC held on 25th August 2022 and were uploaded on NQR Website. The Committee was further apprised that a Trade Committee Meeting was held on 16th March 2023 at NSTI (W) Bengaluru for revision of Tool Kit List with respect to the above-mentioned CTS Qualifications. Accordingly in line with the recommendations of the Trade Committee, DGT has revised the Tool Kit Lists of the three qualifications without any other changes in the NSQF parameters and re-submitted the qualifications for approval.

    The Committee directed DGT to conduct a thorough review of the submitted Toolkit as certain tools mentioned in the revised toolkit need to be merged/ combined as per the latest technological interventions.

    3.2 In addition, the Committee was further apprised that Logistics Sector Skill Council has also submitted 35 NSQC approved active qualifications for addition of new tools and equipment list in the qualifications. These qualifications incorporate additional software tools such as *Warehouse Management System (WMS), Transportation Management*

System (TMS) & Logistics Learning Management System (LLMS). The Committee was apprised that there is no change in the notional hours, levels, minimum entry criteria and the NOSs of the qualifications.

The Committee took note of the revision in the tool kit submitted by Logistics Sector Skill Council and approved the same.

4. **AGENDA ITEM 04: Adoption of NSQF aligned and approved Qualifications by various Defence Awarding Bodies.**

   4.1 The Committee was apprised that Headquarters, Army Training Command (ARTRAC) vide letter dated 20th November 2023, has shared a list of following 32 Qualifications, which are proposed for adoption by 15 Directorates of Indian Army (Awarding Bodies). The summary of the qualifications being adopted by various defense ABs is given below:

S.No.	Qualification	NQR Code	Developer Body	Number of Adopting Bodies
1	Assistance Security Officer	QG-5.5-DF-01126-2023-V1-ARMD	Directorate General of Armoured Corps	1
2	Light Motor Vehicle Trainer	QG-4.5-DF-01122-2023-V1-ARMD	Directorate General of Armoured Corps	2
3	Commercial Vehicle Trainer	QG-4.5-DF-01128-2023-V1-ARMD	Directorate General of Armoured Corps	2
4	Radio Communication Operator	QG-4.5-DF-01127-2023-V1-ARMD	Directorate General of Armoured Corps	2
5	Chef Executive	QG-4.5-DF-01110-2023-V1-ASC	Directorate General of Supplies & Transport	1
6	Commis Chef (Advanced)	QG-4.5-DF-01121-2023-V1-ARMD	Directorate General of Supplies & Transport	1
7	Communication Centre & Radio System Specialist	QG-5.5-DF-01137-2023-V1-SIG	Directorate General of Signals	1

8	Draughtsman Topographical	QG-4.5-DF-01130-2023-V1-SIG	Directorate General of Signals	1
9	Senior Draughtsman Topographical	QG-05-DF-01141-2023-V1-SIG	Directorate General of Signals	1
10	Supervisor Draughtsman Topographical	QG-05-DF-01141-2023-V1-SIG	Directorate General of Signals	1
11	Artisan Metal Works Technician	QG-4.5-DF-01157-2023-V1-EME	Corps of Electronics and Mechanical Engineers	1
12	Senior Technical Supervisor Artisan Metal Works	QG-05-DF-01179-2023-V1-EME	Corps of Electronics and Mechanical Engineers	2
13	Manager Metal Works	QG-5.5-DF-01180-2023-V1-EME	Corps of Electronics and Mechanical Engineers	1
14	Corporate Investigator	QG-5.5-DF-01195-2023-V1-MILINT	Director General of Military Intelligence	1
15	Field Investigator	QG-4.5-DF-01191-2023-V1-MILINT	Director General of Military Intelligence	1
16	Private Detective	QG-05-DF-01192-2023-V1-MILINT	Director General of Military Intelligence	1
17	Security Manager	QG-05-DF-01193-2023-V1-MILINT	Director General of Military Intelligence	1
18	Foreign Language Interpreter	QG-05-DF-01217-2023-V1-AEC	Additional Directorate Army Education Corps	1
19	Music Performer	QG-4.5-DF-01220-2023-V1-AEC	Army Education Corps	5

20	Guest House Coordinator	QG-4.5-DF-01319-2023-V1-AAD	Directorate General of Army Air Defence	9
21	Material Handler	QG-4.5-DF-01211-2023-V1-AAD	Directorate General of Army Air Defence	1
22	Production Line Operator	QG-4.5-DF-01212-2023-V1-AAD	Directorate General of Army Air Defence	1
23	Radar Jammer Vehicle Operator	QG-4.5-DF-01214-2023-V1-AAD	Directorate General of Army Air Defence	1
24	Laundry Manager	QG-5.5-DF-01189-2023-V1- MECHINF	Additional Directorate General of Mechanised Infantry	1
25	Security Supervisor	QG-4.5-DF-01184-2023-V1-INF	Directorate General of Infantry	3
26	Senior Store Keeper	QG-4.5-DF-01216-2023-V1-AOC	Army Ordnance Corps	1
27	Senior Technician Wood Work	QG-4.5-DF-01307-2023-V1-ENGRS	Corps of Engineers	8
28	Senior Technician Conventional & CNC Machine Operation	QG-4.5-DF-01309-2023-V1-ENGRS	Corps of Engineers	1
29	Senior Technician - Painting & Decorating	QG-4.5-DF-01312-2023-V1-ENGRS	Corps of Engineers	7
30	Senior Technician Sheet Metal Works	QG-4.5-DF-01304-2023-V1-ENGRS	Corps of Engineers	3

| 31 | Senior Technician Welder | QG-4.5-DF-01303-2023-V1-ENGRS | Corps of Engineers | 1 |
| 32 | Survey Technician | QG-4.5-DF-01306-2023-V1-ENGRS | Corps of Engineers | 1 |

The Committee took note of the same and ratified the adoption of qualifications being adopted by various Defence ABs.

5. **AGENDA ITEM 05: NSQF alignment and approval of qualifications submitted by Awarding Bodies**

   5.1 The Committee was apprised that a total of 119 (117 New and 02 Revised) qualifications, 12 NOSs and 05 Micro-Credentials have been received at NCVET as on 30th September 2023. Out of which, a total of 105 (103 New and 02 Revised) qualifications, 12 NOSs and 05 MCs have been considered for placing in this NSQC. The decision of the Committee on all the considered qualifications, NOSs and MCs is given in succeeding paras. The detailed status of approval and decision of the Committee is placed at **Annexure III.**

   5.2 NSQF alignment and approval of qualifications submitted by Awarding Bodies (Central Ministries/State Bodies/SSCs/Other Govt & Pvt Bodies)

   5.2.1 Directorate General of Training (DGT): Two (02) new qualifications were presented before the Committee and were **approved**.

   5.2.2 Domestic Workers Sector Skill Council: Three (03) new Qualifications were presented before the Committee and Two (02) were **approved** subject to the change in the nomenclature, which were agreed upon by the AB and is given in the table below:

S.No.	Existing Nomenclature	NSQF Level	Suggested Nomenclature
1.	Senior Sanitary Worker	Level 3	Sanitary Worker
2.	Sanitary Executive	Level 3.5	Senior Sanitary Worker

One (01) new qualification namely "House Manager" was **not approved.**

The Committee further highlighted that, for qualification namely "House Manager" presented at NSQF Level 5, the term "Manager" cannot be

included in the nomenclature of the qualification without adding relevant prior experience in the entry criteria. The qualification was not approved.

5.2.3 **Handicrafts Sector Skill Council:** One (01) revised qualification was presented before the Committee and was **approved** subject to the following changes in the entry criteria, which was agreed upon by the AB:

S.No.	Name of the qualification	Existing Entry Criteria	Suggested Entry Criteria
1.	Traditional Hand Embroiderer-Supervisor	8th Grade pass with 10 years of experience in different types of embroidery **OR** 10th Grade Pass with **4 years** relevant experience **OR** 12th Grade Pass with **2 years** relevant experience **OR** Previous relevant Qualification of NSQF Level 4 with 3 years relevant experience	8th Grade pass with 10 years of experience in different types of embroidery **OR** 10th Grade Pass with **5 years** relevant experience **OR** 12th Grade Pass with **3 years** relevant experience **OR** Previous relevant Qualification of NSQF Level 4 with 3 years relevant experience

5.2.4 **Logistics Sector Skill Council:** Three (03) new Qualifications were presented before the Committee. Out of which, two (02) qualifications were **approved** and one (01) qualification namely "*Rail Logistics Coordinator*" was **approved** subject to the following changes in the nomenclature, which was agreed upon by the AB:

S.No.	Existing Nomenclature	NSQF Level	Suggested Nomenclature
1.	Rail Logistics Coordinator	Level 3	Rail Logistics Executive

5.2.5 **Automotive Skill Development Council (ASDC):** Four (04) new Qualifications were presented before the Committee. Out of which, 03 OEM based qualifications of Hero Motor Corps brought by ASDC namely *"Machining and Assemble Technician", "Fabrication and Service Technician", and "Manufacturing and Mechatronics Lead"* were **approved**.

The Committee recommended all the other Awarding Bodies also to venture into bringing OEM based qualifications for NSQF alignment and approval.

One (01) qualification namely "Front Line Production Resource (NAPS)" was **conditionally approved** *subject to the compliance with the NAPS Guidelines which will be issued by NCVET.*

5.2.6 **Hydrocarbon Sector Skill Council:** Seven (07) new qualifications were presented before the Committee and three (03) qualifications were **approved**.
Four (04) qualifications namely *"Green Hydrogen Assistant Plant Supervisor", "Green Hydrogen Plant Supervisor", "Green Hydrogen Storage Assistant Technician" and "Assistant Lab Technician – Green Hydrogen"* were **conditionally approved** subject to the addition of relevant experience in the entry criteria requirements, which were agreed upon by the AB.
Further, for the qualification *"Assistant Lab Technician – Green Hydrogen,"* Committee directed to add science subjects as a part of entry criteria.

5.2.7 **Skill Council for Person's with Disability:** Twenty-Six (26) new qualifications were presented before the Committee and were **approved**

5.2.8 **Centurion University of Technology and Management (CUTM):** Two (02) new Qualifications were presented before the Committee and were **approved**

5.2.9 **Nettur Technical Training Foundation (NTTF):** Nine (09) Qualifications were presented before the Committee and were **approved**.

5.3 **NSQF alignment and approval of NOSs submitted by Awarding Bodies (Central Ministries/State Bodies/SSCs/Other Govt & Pvt Bodies)**

5.3.1 **NASSCOM (IT-ITES SSC):** Ten (10) new NOSs were presented before the Committee and were **conditionally approved** subject to the following conditions:
a) Submission of validations from School Boards and Higher Education Institutions (HEIs) where these NOSs may be implemented.

b) NASSCOM (IT-ITES SSC) to replace/ embed its existing NOSs in the currently active qualifications with the newly developed NOSs, wherever applicable.

The Committee recommended a change in the NSQF level of two NOSs namely "*Concepts of Computer Vision" and "Concepts of Natural Language processing*" which is given as follows:

S.No.	Name of the NOS	Existing NSQF Level	Recommended NSQF Level
1.	Concepts of Computer Vision	Level 6	Level 5
2.	Concepts of Natural Language processing	Level 6	Level 5

Further, the Committee gave the following decisions:
   a) *NASSCOM (IT-ITES SSC) to provide realistic images to represent the qualifications on the NQR portal to make it aspirational and attractive to the learners.*
   b) *Additionally, the Committee recommended all the ABs to avoid the practice of disintegrating an approved qualification into separate NOSs and further submitting the same as standalone NOSs for approval, resulting in a redundant effort.*

5.3.2 Textiles Sector Skill Council: Two (02) new NOSs were presented before the Committee and were **approved**.

5.4 **NSQF alignment and approval of Micro Credentials submitted by Awarding Bodies (Central Ministries/State Bodies/SSCs/Other Govt & Pvt Bodies)**

5.4.1 Domestic Workers Sector Skill Council: Two (02) Micro Credentials were presented before the Committee and were **approved**.

5.4.2 Hydrocarbon Sector Skill Council: One (01) Micro Credentials were presented before the Committee and was **approved**.

5.5 NSQF alignment and approval of Qualifications submitted by Indian Defence Forces.

5.5.1 Indian Air Force: Twenty-Five (25) Qualifications (24 new and 01 revised) were presented before the Committee and twenty-three were **approved**. Two (02) new qualifications namely *"Advanced Aircraft Electrical and Electronics Technician"* and *"Senior Aircraft Electrical and Electronics*

Technician" were not approved and it was decided that further deliberation may be done on the same.

5.5.2 Directorate General of Armoured Corps: Three (03) qualifications were presented before the Committee and were **approved**. The Committee suggested a change in the nomenclature of one qualification namely *"Assistant Manager Radio Communication"* which is given as below:

S.No.	Existing Nomenclature	NSQF Level	Suggested Nomenclature
1.	Assistant Manager Radio Communication	Level 5.5	Deputy Manager Radio Communication

5.5.3 Army Air Defence: Two (02) new Qualifications were presented before the Committee and were **approved**.

5.5.4 Corps of Engineers: Eleven (11) new Qualifications were presented before the Committee and were **approved**.

5.5.5 Directorate General of Electronics and Mechanical Engineering (EME): Six (06) new Qualifications were presented before the Committee and were **approved**.

5.5.6 Directorate General Remount Veterinary Services: One (01) new Qualification was presented before the Committee and was **approved**.

6. AGENDA ITEM 06: Detailed Model Curriculum and Content for the Qualifications to be offered in PMKVY 4.0

6.1 The Committee was apprised that in the 24th and 28th meetings of NSQC held on 17th November 2022 and 29th March 2023 respectively, the Committee had accorded approval to the 715 qualifications to be offered in PMKVY 4.0 including future qualifications.

6.2 The Committee was further apprised that a meeting was held on 21st November 2023 under the Chairmanship of Joint Secretary, MSDE, in which it was discussed that the development of comprehensive handbooks has not been undertaken for a large number of PMKVY 4.0 qualifications, which is impeding the successful implementation of these qualifications.

6.3 The Committee was informed that out of a total of 715 NSQF aligned and approved PMKVY 4.0 qualifications, the trainee handbooks are not available for 372 qualifications and Trainer's Handbooks are not available for 516 qualifications. With regard to the 89 Future qualifications, the Trainee/ Trainer's handbooks are not available for 48 future qualifications.

The Committee highlighted that the unavailability of Trainee's Handbook and Trainer's Handbook for PMKVY 4.0 qualifications is a matter of concern and needs to be addressed on an urgent basis. The Committee directed NSDC to provide a detailed list of all the Awarding Bodies who have not developed comprehensive handbooks for Trainees and Trainer's.

The Committee also mandated that for all types of qualifications approved by NSQC, the concerned awarding bodies shall provide a written confirmation signed by the competent authority affirming the development of the content within 3 months (90 days) from the qualification approval date, failing which the qualifications shall be deactivated/ archived.

7. **AGENDA ITEM 07: PM Vishwakarma (Phase 2.0- Advanced Module of 120 Hours)- Development of Qualifications (Upskilling NOSs)**

   7.1 The Committee was given a brief account of the PM Vishwakarma Scheme launched by the Hon'ble PM on 17th September 2023. In this regard, the Committee was apprised about the decisions taken in the 31st NSQC meeting and the progress made so far:

   a) Approval of 28 qualifications (Upskilling NOSs) in 18 identified trades to be imparted during Phase 1.0 under Basic module of the PM Vishwakarma Scheme
   b) Creation of a separate section on NQR for PM Vishwakarma Scheme Qualifications and uploading of all qualifications under Basic module of 40 hours, including the Model Curriculum, on the NQR portal
   c) Development of learning material/ content for all qualifications under Basic module in the form of handbooks in English language by NSDC

   7.2 The Committee was apprised about the structure of the Advanced module of 120 hours to be imparted under PM Vishwakarma Scheme 2.0 has been conceptualized in the following manner:

S.No.	Skills to be imparted under Advanced Module of 120 hours	Type of skills	Estimated Hours of Learning
a.	Usage of any new machinery/tools/equipment	Core skills (trade specific)	30 hours
b.	Entrepreneurship skills and design workshops		45 hours
c.	Advanced Digital Skills		15 hours
d.	Advanced Financial skills	Generic skills for all qualifications	15 hours
e.	Advanced Marketing and Outreach skills		15 hours
Total			**120 Hours**

The Committee gave the following decisions with regard to the PM Vishwakarma qualifications:

a) *The respective Awarding Bodies to submit their advanced qualifications of 120 hours for NSQF alignment and approval by NSQC.*

b) *NSDC to prepare and submit the learning material/ content for all approved qualifications (under the Basic Module) in Bhartiya languages to ensure enhanced learning outcomes of the training for the Vishwakarmas.*

c) *The respective skills to be imparted under the Basic Module of 40 hours and Advanced module of 120 hours including digital skills, financial skills, marketing and outreach skills, entrepreneurship skills shall be separately approved as standalone Micro Credentials by NCVET for inclusion in Employability Skills (ES) modules and to be imparted separately in Schools, HEIs, and VETS.*

8. **AGENDA ITEM 08: Finalization of Training of Trainers (ToT) and Training of Assessors (ToA) Guidelines**

   8.1 The Committee was apprised that the Draft Guidelines for Training of Trainers and Training of Assessors have been finalized after a detailed consultation with the stakeholders. Further, the draft guidelines were shared for public consultation and the inputs received from the stakeholders were incorporated and the guidelines will be notified shortly.

   The Committee suggested to take inputs from other stakeholders including MSDE and NSDC on the Guidelines giving them 10 days for any inputs and thereafter finalize the Guidelines. The finalized Guidelines to be notified at the earliest.

9. **AGENDA ITEM 09: Notification of Guidelines for NSQF alignment and Creditisation of Skilling & Training Courses & Qualifications of Multinational Companies (MNCs) and Leading Industry**

   9.1 The Committee was apprised that the Guidelines for NSQF alignment and Creditisation of Skilling & Training Courses & Qualifications of Multinational Companies (MNCs) and Leading Industry were approved by the Council in its 9th meeting held on 17th August 2023 and have been notified on 15th November 2023.

   9.2 The Committee emphasized that the qualifications that the industry is bringing in their ecosystem can be also made available into the school and higher education ecosystem as well, along with the skill ecosystem. The Committee further added that this guideline would enable creditisation of all standardized learning.

   The Committee took note of the status of the Guidelines and appreciated the efforts of SSC-NASSCOM in the preparation of the Guidelines.

10. **AGENDA ITEM 10: Finalization of SOPs for operationalization and implementation of National Credit Framework (NCrF) in Higher Education (HE), School Education (SE) and VETS for Public Consultations**

10.1   A high-level Committee constituted by the Government of India comprising of members from UGC, AICTE, NCVET, NIOS, CBSE, NCERT, Ministry of Education, DGT, and Ministry of Skill Development has been working towards finalizing a detailed SOP for operationalization and implementation of National Credit Framework (NCrF) in HE, SE and VETS.

10.2   The Committee was apprised that the SOPs for operationalization and implementation of National Credit Framework (NCrF) in HE, SE and VETS have been formulated and the same are being placed for public consultation.

10.3   The Committee emphasized that, in the SOP for the higher education institutions, it has been provided that up to 50% credits can be earned from the skill based education, which would enable substantial job opportunities in the skilling ecosystem. The Committee further mentioned that, if any higher education institutes want to run skill courses, but does not have the infrastructural, capacity or trainers/ instructors for the same, the SOP provides for a provision for collaboration with other entities of the skill ecosystem to implement the same.

The Committee took note of the status and requested the stakeholders to provide comments on the SOPs once it is placed for public consultation

11. **AGENDA ITEM 11: Additional Agenda with the permission of the Chair**

11.1   The Committee was apprised that, as a part of Heartland Tripura Project, NIELIT has developed 11 new NOSs to facilitate employment and to deliver specific skill development certification, along with the state government. The Committee was further apprised that the NOSs have been developed in association with Deloitte. The decision of the committee on these NOSs are enclosed as **Annexure IV**

11.2   All Eleven (11) new NOSs were presented before the Committee and were approved as future skill NOSs. The Committee suggested a change in the nomenclature of two NOSs namely *"Risk Control and Internal Audit"* and *"Professional Skills "which* is given as follows:

S.No.	Existing Nomenclature	NSQF Level	Suggested Nomenclature	Additional Comments
1.	Risk Control and Internal Audit	Level 5	Risk Control and Internal Audit - IT	Addition of ISO 27001 in the NOS
2.	Professional Skills	Level 5	IT Soft Skills	-

Furthermore, the Committee directed that as the NOSs have been developed in association with Deloitte, the NOSs should fall in the OEM category.

Annexure I

List of Participants

National Skills Qualifications Committee (NSQC) Members

1. Dr Nirmaljeet Singh Kalsi, Chairperson, NCVET
2. Dr Vinita Aggarwal, Executive Member, NCVET
3. Dr Neena Pahuja, Executive Member, NCVET
4. Mr. Nilambuj Sharan, Sr. Economic Adviser, MSDE
5. Mr. Sanjeev Chawla, Director, MSME
6. Dr. Shikha Anand, DGE, MoLE
7. Dr. IBS Yadav, DD, Skill Dev. Dept. Sikkim
8. Mr. Rajender Waldia, UKSDM
9. Ms. Deepti Saxena, NSDC
10. Mr. Rajesh Pankaj, FICCI
11. Ms. Shalini S Sharma, PHDCCI

NCVET Officials

1. Col. Santosh Kumar, Director
2. Col Gunjan Chowdhary, Director
3. Dr. Suhas Deshmukh, Director
4. Mr Purnendu Kant, Director
5. Mr. Harish Chander, Deputy Director
6. Mr. Pradeep Thota, Deputy Director
7. Mr. Milan Sahu, Deputy Director
8. Mr. Shourya Sangam, Consultant Grade II
9. Ms. Sarika Dixit, Consultant Grade II
10. Mr. Hari Prasad Rao K, Consultant Grade II
11. Mr. Amit Sharma, Consultant Grade II
12. Ms. Ojasvi Goyal, Consultant Grade I
13. Mr. Amir Waheed, Consultant Grade I
14. Mr. Balaji Baskaran, Consultant Grade I
15. Ms. Vandana Purohit, Consultant Grade I
16. Ms. Sheetal Bhandari, Consultant Grade I
17. Mr. Amresh Kumar, Consultant, Grade I
18. Mr. Abhinav Mishra, Consultant, Grade I
19. Ms. Nidhi Trehan, Consultant, Grade I
20. Ms. Ratna Priya Kanchan, Young Professional
21. Mr. Parkishit Yadav, Young Professional
22. Ms. Pragya, Young Professional
23. Mr. Baiju Balan, Young Professional
24. Ms. Madhusmita Mohapatra ,Young Professional
25. Ms. Sophia Lisam, Young Professional

Representatives from sectoral stakeholders

1. Mr. Abhilasha, ESSCI
2. Mr. Aditya Verma
3. Mr. Akhil A Kumar, CGSCC
4. Mr. Aman B, HCSSC
5. Mr. Amir Wani
6. Mr. Amit Singham, HSSC
7. Ms. Anjali S Nair, ASAP Kerala
8. Mr. Anshu Verma Healthcare SSC
9. Mr. Arindam Lahiri, ASDC
10. Army AD Centre
11. Mr. Ashish Jain, Healthcare SSC
12. CSTARI, Kolkata
13. Col Anand Kumar Singh, SSDF
14. Dr Biswajit Saha, CBSE
15. Mr. Deepak Rai, SCGJ
16. Ms. Deepti Singh, FICCI
17. Director Vocational, NIOS
18. Dr Satender Arya, ASCI
19. Dr Shikha Anand
20. Dr Vishaka, RCPSDC
21. Dr. P.Saxena, CEO, Green Jobs SSC
22. Dr. Sunita Badhwar, THSC
23. Dr. Swapna Mishra Textile SSC
24. Gp Capt PS Rajpal, IAF
25. Mr. Gaurav Birla MESC
26. Mr. Gopal Mohanty, Medhavi Skills University
27. Ms. Gurpreet, Telecom Sector Skill Council
28. Mr. Hakim Mamka, Paints & Coating SSC
29. Ms. Jassi Dimple Medhavi Skill University
30. Mr. Kapil Tuli
31. Ms. Kirti Seth, SSC NASSCOM
32. Mr. Krishnan Koliyot, ASAP Kerala
33. MSME DFO, Karnal
34. Maj Sujan Banerjee, Army Aviation Corps
35. Mr. Mayank Bansal, ESSCI
36. Ms. Mona Gupta, DWSSC
37. NTTF, Peenya
38. Ms. Namrata Kapur
39. Ms. Nandhini
40. Mr. Narendra Deshpande, CEO, CSDCI
41. Ms. Neha Dave, CSDCI
42. Mr. Niladri Das, NIELIT, Agartala
43. Ms. Nimisha George, ASAP Kerala
44. Ms. Nupur Parashar HCSSC
45. Mr. P S Gupta
46. Mr. Partha, CUTM
47. Mr. Pradeep Vij, MCEME
48. Mr. Pramod Idiculla, NASSCOM
49. Ms. Pratibha Mishra, NASSCOM
50. Ms. Preeti, HSSC
51. Ms. Priya, LSC
52. Ms. Priya, NASSCOM
53. Ms. Priyanka Pandey, CGSSC
54. Mr. Rajan Kumar
55. Mr. Rajeev Garg, GJSCI
56. Mr. Ravikanth Yamarthy, CEO, LSC
57. Mr. Ravindra Singh, CEO SCPWD
58. Dr. Niharika Nigam, SCPWD
59. Mr. SK Bose CEO, HSSC
60. Mr. Saket Saurabh, NIELIT
61. Mr.Sameer Daniel, MoE
62. Ms. Samreen Ghauri, SSC NASSCOM
63. Mr. Sanjay Kumar
64. Mr. Sanjeeth BS
65. Mr. Sanjit Jha
66. Mr. Sankha Roy
67. Mr. Saroj Mishra, SVSU
68. Ms. Shalini Singh, CGSSC
69. Ms.Shivi Chaudhary, LSSSDC
70. Ms. Shubham Agrawal, FFSC
71. Ms, Sneha, MEPSC
72. Mr. Srikanth Pampana ASCI
73. Mr. Subbaiyan - IESC
74. Mr. Vigneshraja - Textile SSC
75. Mr. Vijay Kumar IESC
76. Mr. Vikas Panwar, HARTRON
77. Mr. Vivek Dwivedi-ZINNOV
78. Ms. Radha Gautam HCSSC

List of Rationalized Qualifications

	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 Qualifications	Number of qualifications overdue for 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)	41	41	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 (IESC)	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	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
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
27	Electronics Sector Skills Council of India (ESSCI)	94	94	0
28	Handicrafts and Carpet Sector Skill Council (HCSSC)	94	94	0
29	Indian Iron and Steel Sector Skill Council (IISSSC)	27	27	0
30	Aerospace and Aviation Sector Skill Council (AASSC)	5	5	0
31	Haryana State Electronics Development Corporation Limited (HARTRON)	17	7	10^
32	Skill Council for Person with Disability*	284	276	8*
33	IT-ITeS Sector Skills Council NASSCOM (NASSCOM (IT-ITES SSC)) #	94	79	15#

34	Skill Council for Green Jobs (SCGJ)$	68	64	4$
35	Textile & Handloom Sector Skill Council (TSC) &	71	40	31&
36	Apparel, Madeups & Home Furnishing Sector Skill Council (AMHSSC)	33	30	3%
Total		**1306**	**1235**	**71**
Details of the ABs who have partially completed rationalization of their Qualifications				
1	Directorate General of Training	465	213	252
2	Agriculture Skill Council of India (ASCI)	168	153	15
3	Automotive Skills Development Council (ASDC)	132	91	41
4	Rubber, Chemical & Petrochemical Skill Development Council	112	87	25
5	Media & Entertainment Skill Council (MESC)	100	25	75
6	Tourism and Hospitality Skill Council (THSC)	82	32	50
7	Food Industry Capacity & Skill Initiative (FICSI)	71	35	36
8	NIELIT	68	39	29

9	Construction Skill Development Council of India (CSDCI)	66	47	19
10	Gems & Jewellery Skill Council of India	46	21	25
12	Management Entrepreneurship and Professional Skills Council (MEPSC)	40	16	24
13	Hydrocarbon Sector Skill Council (HSSCI)	35	32	3
14	Retailers Association Skill Council of India (RASCI)	17	16	1
15	Domestic Worker Sector Skill Council (DWSSC)	14	13	1
16	Additional Skill Acquisition Programme, Government of Kerala	9	5	4
Total		**1425**	**825**	**600**
Details of the ABs who have not rationalized their Qualifications				
1	National Academy of RUDSETI, Bengaluru	59	0	59
Total		**59**	**0**	**59**

^ *HARTRON will be bringing the remaining 10 remaining qualifications as revised qualifications for NSQC approval separately.*
* *SCPWD will be bringing the remaining 8 qualifications as new qualification to the NSQC for approval, as the NOSs of the domain qualification has undergone changes.*
# *IT-ITeS Sector Skills Council NASSCOM (NASSCOM (IT-ITES SSC)) will be bringing the remaining 15 qualifications as revised qualifications to the NSQC for approval, as the Notional Hours, NOSs of the domain qualification has undergone major changes.*
$ Skill Council for Green Jobs (SCGJ) *will be bringing 4 remaining qualifications as revised qualifications for NSQC approval separately.*
& *Textile & Handloom Sector Skill Council (TSC) will be bringing 31 remaining qualifications as revised qualifications for NSQC approval separately.*
% *Apparel, Madeups & Home Furnishing Sector Skill Council (AMHSSC) will bring 3 remaining qualifications to NSQC for approval.*

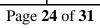**List of Qualifications approved in the 34th NSQC Meeting**

Sl. No	Sector	Qualification Name	New/ Revised	NSQF Level	Approval Status	Future Skill
Directorate General of Training (DGT)						
1	IT-ITeS	Data Annotation Assistant	New	3.5	Approved	-
2	Telecom	5G Network Technician	New	4.5	Approved	Yes
Domestic Workers Sector Skill Council						
1	Domestic Worker	Sanitary Worker	New	3	Approved	-
2	Domestic Worker	Senior Sanitary Worker	New	3.5	Approved	-
3	Domestic Worker	House Manager	New	5	Not Approved	-
Handicraft and Carpet Sector Skill Council (HCSSC)						
1	Handicrafts	Traditional Hand Embroiderer- Supervisor	Revised	5	Approved	-
Logistic Skill Council						
1	Logistics	Rail Logisitcs Executive	New	4.5	Approved	Yes
2	Logistics	Warehouse Data Analyst	New	6	Approved	Yes
3	Logistics	E-commerce Micro Entrepreneur	New	4	Approved	Yes
Automotive Skills Development Council						
1	Automotive	Front Line Production Resource	New	4	Conditionally Approved	-
2	Automotive	Machining and Assembly Technician	New	3.5	Approved	-
3	Automotive	Fabrication and Service Technician	New	4	Approved	-

4	Automotive	Manufacturing and Mechatronics Lead Technician	New	4.5	Approved	-

Hydrocarbon Sector Skill Council						
1	Hydrocarbon	Green Hydrogen Assistant Plant Supervisor	New	4.5	Conditionally Approved	-
2	Hydrocarbon	Green Hydrogen Plant Supervisor	New	5	Conditionally Approved	-
3	Hydrocarbon	Assistant Lab Technician-Green Hydrogen	New	3.5	Conditionally Approved	-
4	Hydrocarbon	Green Hydrogen Storage Assistant Technician	New	3.5	Conditionally Approved	-
5	Hydrocarbon	Secretarial Office Assistant – Oil & Gas	New	3.5	Approved	-
6	Hydrocarbon	Executive HR - Oil & Gas	New	4	Approved	-
7	Hydrocarbon	Executive Finance- Oil & Gas	New	4	Approved	-
Skill Council for Persons with Disability						
1	PWD	Automotive Packing Assistant (Divyangjan)-LD	New	2	Approved	-
2	PWD	Automotive Packing Assistant (Divyangjan)-SHI	New	2	Approved	-

3	PWD	Automotive Packing Assistant (Divyangjan)-LV	New	2	Approved	-
4	PWD	Automotive Packing Assistant (Divyangjan)-VI	New	2	Approved	-
5	PWD	Barista Executive (Divyangjan)-LD	New	4	Approved	-
6	PWD	Barista Executive (Divyangjan)-SHI	New	4	Approved	-
7	PWD	Barista Executive (Divyangjan)-LV	New	4	Approved	-
8	PWD	Barista Executive (Divyangjan)-VI	New	4	Approved	-
9	PWD	Software Programmer (Divyangjan)-LD	New	4	Approved	-
10	PWD	Software Programmer (Divyangjan)-SHI	New	4	Approved	-
11	PWD	Software Programmer (Divyangjan)-LV	New	4	Approved	-
12	PWD	Software Programmer (Divyangjan)-VI	New	4	Approved	-
13	PWD	Spice Processing Technician (Divyangjan)-LD	New	4	Approved	-
14	PWD	Spice Processing Technician (Divyangjan)-SHI	New	4	Approved	-
15	PWD	Spice Processing Technician (Divyangjan)-LV	New	3	Approved	-
16	PWD	Spice Processing Technician (Divyangjan)-VI	New	3	Approved	-
17	PWD	Telehealth Service Coordinator (Divyangjan)-LD	New	3	Approved	-

18	PWD	Telehealth Service Coordinator (Divyangjan)-LV	New	4	Approved	-
19	PWD	Telehealth Service Coordinator (Divyangjan)-VI	New	4	Approved	-
20	PWD	Traditional Sweet and Savoury Product Maker (Divyangjan)-LD	New	3	Approved	-
21	PWD	Traditional Sweet and Savoury Product Maker (Divyangjan)-SHI	New	3	Approved	-
22	PWD	Traditional Sweet and Savoury Product Maker (Divyangjan)-LV	New	3	Approved	-
23	PWD	Traditional Sweet and Savoury Product Maker (Divyangjan)-VI	New	3	Approved	-
24	PWD	Baking Technician/Operative (Divyangjan)-LV	New	4	Approved	-
25	PWD	Baking Technician/Operative (Divyangjan)-VI	New	4	Approved	-
26	PWD	Indian Sign Language Basic (Divyangjan)	New	3	Approved	-
Centurion University of Technology and Management						
1	Food	Milk Testing Facility Supervisor	New	5	Approved	-
2	Green Jobs	Paper Recycling Supervisor	New	5	Approved	-
Nettur Technical Training Foundation						
1	Electronics	Fitter- Electrical and Electronics	New	3.5	Approved	-
2	Electronics	Technician Electrical and Electronics Assembly	New	4	Approved	-

3	Electronics	Senior Technician - Electrical Equipment Manufacturing	New	4.5	Approved	-
4	Electronics	Assistant Technician Electronics Assembly	New	3.5	Approved	-
5	Electronics	Technician Electronics and Instrumentation	New	4	Approved	-
6	Electronics	Senior Technician - Electronics Engineering and Embedded Systems	New	4.5	Approved	-
7	Electronics	Assistant Technician Electrical	New	3.5	Approved	-
8	Electronics	Technician Industrial Electrical	New	4	Approved	-
9	Electronics	Senior Technician - Electrical and Electronics	New	4.5	Approved	-
National Occupational Standards (NOSs)						
NASSCOM (IT-ITES SSC)						
1	IT-ITeS	Overview of Robotic Process Automation	New	4	Conditionally approved	Yes
2	IT-ITeS	IT Marketing Foundational Course	New	4	Conditionally approved	-
3	IT-ITeS	Blockchain Foundation	New	4	Conditionally approved	Yes
4	IT-ITeS	Cybersecurity Foundation	New	4	Conditionally approved	Yes
5	IT-ITeS	Information Security Policy Review	New	5	Conditionally approved	-
6	IT-ITeS	Information Security Device Management	New	5	Conditionally approved	-
7	IT-ITeS	Information security policy audit	New	5	Conditionally approved	-
8	IT-ITeS	Application security testing	New	5	Conditionally approved	-
9	IT-ITeS	Concepts of Natural Language Processing	New	5	Conditionally approved	Yes

10	IT-ITeS	Concepts of Computer Vision	New	5	Conditionally approved	Yes
		Textiles Sector Skill Council				
1	Textiles	Woven Fabric Testing - Physical	New	4.5	Approved	-
2	Textiles	Weaving Process Evaluation	New	5	Approved	-
		Micro-Credentials				
		Domestic Workers Sector Skill Council				
1	Domestic Worker	Basics of Menstrual Hygiene Management	New	2	Approved	-
2	Domestic Worker	Basics of CT/PT (Community Toilet/Public Toilet) Hygiene maintenance	New	2	Approved	-
		Hydrocarbon Sector Skill Council				
1	Hydrocarbon	Fundamentals of Disaster Management – (Oil & Gas)	New	3.5	Approved	-
		Qualifications from the Indian Defence Forces				
		Indian Air Force				
1	Aviation	Aircraft Power Plant Technician	New	4.5	Approved	-
2	Aviation	Aircraft Power Plant Senior Technician	New	5	Approved	-
3	Aviation	Aircraft Power Plant Advance Technician	New	5.5	Approved	-
4	Aviation	Aircraft Structure Technician	New	4.5	Approved	-
5	Aviation	Aircraft Structure Senior Technician	New	5	Approved	-
6	Aviation	Aircraft Structure Advance Technician	New	5.5	Approved	-
7	Aviation	Aircraft Safety Equipment Technician	New	4.5	Approved	-
8	Aviation	Aircraft Safety Equipment Senior Technician	New	5	Approved	-

9	Aviation	Aircraft Safety Equipment Advance Technician	New	5.5	Approved	-
10	Aviation	Fire Fighting and Aerodrome Safety Associate	New	4.5	Approved	-
11	Logistics	Logistics Associate (Provisioning and Storage)	New	4.5	Approved	-
12	BFSI	Pay and Equipment Accounting Associate	New	4.5	Approved	-
13	Sports	Physical Training and Conditioning Associate	New	4.5	Approved	-
14	Office Administration & Facility Management	Security Associate (Administration)	New	4.5	Approved	-
15	Aviation	Meteorological Associate (Aerodrome)	New	4.5	Approved	-
16	Aviation	Aerodrome Safety Associate	New	4.5	Approved	-
17	Aviation	Integrated Air Surveillance Associate	New	4.5	Approved	-
18	Office Administration & Facility Management	Office Administration Associate	New	4.5	Approved	-
19	Aviation	Technician Electrical System & Equipment (Aviation)	New	4.5	Approved	-
20	Aviation	Aircraft Electrical Senior Technician	New	5	Approved	-
21	Aviation	Aircraft Advance Technician	New	5.5	Approved	-
22	Telecom	Communication Technology Technician	New	4.5	Approved	-
23	Aviation	Senior Aircraft Electrical and Electronics Technician	New	5	Not Approved	-

24	Aviation	Advance Aircraft Electrical and Electronics Technician	New	5.5	Not Approved	-
25	Aviation	Aircraft Electrical and Electronics Technician	Revised	4.5	Approved	-
Army Air Defence						
1	Tourism and Hospitality	Senior Camp Supervisor	New	5	Approved	-
2	Tourism and Hospitality	Guest House Supervisor	New	5	Approved	-
Directorate General of EME						
1	IT-ITeS	Senior Technical Supervisor IT Hardware and Networking	New	5	Approved	-
2	IT-ITeS	Service Manager IT Hardware and Networking	New	5.5	Approved	-
3	Automotive	Senior Technical Supervisor Automobile	New	5	Approved	-
4	Automotive	Maintenance Manager Automobile	New	5.5	Approved	-
5	Automotive	Senior Technical Supervisor Electrician (Automotive)	New	5	Approved	-
6	Electronics	Maintenance Manager Electrician (Automotive)	New	5.5	Approved	-
Directorate General of Armoured Corps						
1	Automotive	Technician- Automotive Repair and maintenance	New	4.5	Approved	-
2	Telcom	Deputy Manager Radio Communication	New	5.5	Approved	-
3	Telcom	Supervisor Radio Communication	New	5	Approved	-
Remount Veterinary Services						
1	Veterinary Sciences	Veterinary Laboratory Technician	New	4.5	Approved	-

Annexure IV

Approval status of the NOSs developed by NIELIT in association with Deloitte

Sl. No	Sector	Qualification Name	New/ Revised	NSQF Level	Approval Status	Future Skill
1	IT-ITeS	Cloud Computing with AWS and Azure	New	5	Approved	Yes
2	IT-ITeS	Google Cloud Platform (GCP) Essentials	New	5	Approved	Yes
3	IT-ITeS	Informatica Cloud Essentials	New	5	Approved	Yes
4	IT-ITeS	Data Analysis with Python and SQL	New	5	Approved	Yes
5	IT-ITeS	Essentials of Data Warehousing	New	5	Approved	Yes
6	IT-ITeS	Essentials of Big Data	New	5	Approved	Yes
7	IT-ITeS	Cyber Security for Cloud Infrastructure	New	5	Approved	Yes
8	IT-ITeS	Vulnerability Assessment and Penetration Testing and IAM Essentials	New	5	Approved	-
9	IT-ITeS	New Technologies Introduction	New	5	Approved	Yes
10	IT-ITeS	Risk Control and Internal Audit - IT	New	5	Approved	-
11	IT-ITeS	IT Professional Skills	New	5	Approved	-

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