

Minutes of 21st Meeting of the National Skills Qualifications Committee (NSQC)

Venue: National Skills Development Agency (NSDA), B-2, Pusa Road,
Kaushal Bhawan, New Delhi 110005

The 21st meeting of the National Skills Qualifications Committee (NSQC) was held on 03rd August, 2018 at National Skill Development Agency (NSDA), New Delhi under the Chairmanship of Shri K.P. Krishnan, Chairman, NSDA and Secretary, Ministry of Skill Development and Entrepreneurship (MSDE). The list of participants is at **Annexure I**. The meeting discussed total of 17 agenda items.

Agenda Item I: To confirm the minutes of the 20th Meeting of NSQC

The Committee approved the minutes of 20th meeting of NSQC. No comments were received from any of the members.

Agenda Item II: Action Taken Report on the minutes of the 20th Meeting of NSQC

The Committee was apprised of the action taken by NSDA on the minutes of the 20th meeting of NSQC.

- (i) **Mapping of SSCs with the Line Ministries:** The Committee was informed that the NSDA has mapped the Sector Skills Councils (SSCs) with relevant Line Ministries. The guidelines for interface between SSCs and Line Ministries are being circulated by MSDE. In case of, overlap of Ministries, the more closely related Ministry would be mapped as Primary Ministry and others would be mapped as Secondary Ministries.
- (ii) **Uploading of Accreditation Norms on NQR:** Committee was apprised that currently very few SSCs have uploaded accreditation norms on NQR inspite of such directions in the 19th and the 20th NSQC. Chairman, NSQC instructed NSDC to designate one officer to liaison with NSDA on the issue of submission of specific job-role wise accreditation norms in the Qualification Files (QF). The officer would also be present in the next NSQC to apprise the Committee in this regard. The SSCs are given another 03 months time to upload their accreditation norms in the NQR.
- (iii) **Co-opting NSDC as member:** The Chief Operating Officer, NSDC is co-opted as 'Core Member' of NSQC till the regulatory function in NSDC is transferred to NSDA.

Agenda Item III: Note on leveling of Qualifications under NSQF

A presentation on a concept paper on "leveling of Qualifications under NSQF" was made by Consultant NSDA. Approval of NSQC was solicited for constituting an

expert Committee for wider consultation with all stakeholders with direction to provide an update in the next NSQC. ***The Chairman directed NSDA to setup the Committee in two week's time.***

Agenda Item IV: Approval on draft NSQF handbook

In compliance to the decision taken in 19th NSQC Meeting, a Hand Book on NSQF alignment was prepared by NSDA which was placed before the Committee. The handbook consists of NSQF process flow, timelines, web links of necessary Performa's, documents etc. for easy understanding of the NSQF alignment procedure. ***NSQC approved the same.***

Agenda Item V: NOS approval process and creation of NOS repository

In compliance to the decision taken in the 20th NSQC meeting, a concept note on NOS based approval process and creation of NOS repository was presented by Principal Consultant, NSDA. NSQC was informed that paper would be circulated among all the concerned stakeholders namely NSDC, DGT, CSTARI and State Govt. to have wider consultation. ***Chairman, NSQC suggested to consult international institutions such as DFID for wider consultation. Joint Secretary (SD), MSDE informed that funds under SANKALP project can be utilized for this purpose.*** DG, NSDA indicated that we are already in consultation with DFID and World Bank.

In the light of above, the proposal of M/s MeriTrain Education Services for NSQF alignment of their Qualification on English as employability skills would be considered once NOS based approval process and system is in place. The Committee, however, suggested to have a NOS based approval process and system in place before deciding on individual proposal.

Agenda Item VI: Report of Committee on Duplication and status of de-duplication exercise

The report of a Committee on duplication of qualifications was presented to the NSQC. ***The Committee directed NSDA to share the report among concerned stakeholders for wider consultations.*** The committee was also apprised of the status of de-duplication of Qualifications work done by NSDA.

Agenda Item VII: Ex-post facto approval of job roles executed under PMKVY and PMKK and other decisions related to its implementation

NSQC was apprised about the decision taken during the meeting held on 8th June 2018 in MSDE (Annexure II). ***The Committee accorded ex-post facto approval to the decision taken in the meeting and authorized DG, NSDA to take decision on similar issues, if presented by NSDC.***

Agenda Item VIII: Migration of MES courses to SSCs

In continuation to the decision taken by MSDE, the Committee was informed that DG, DGT has given NOC to NSDC to enable SSCs to become Awarding Body for the MES courses subject to the following conditions-

- DGT Ecosystem will continue to run some MES short term courses for upskilling of ITI instructors and Industrial workers and as bridge courses for instructors to teach across different stream and for multi skilling.
- The Directorate has no objection to SSCs running MES courses with their own assessment and issuing certificates with only SSC branding. As DGT machinery will not be involved in setting of examination papers and assessment/invigilation, the use of NCVT logo and dual certification can't be done.
- The relationship with SSC will be on reciprocal basis and DGT eco system may run some NQR courses where awarding body is SSCs to skill youth, including those coming from SC/ST & rural background, tribal areas, LWE areas at a much subsidized rates, which could be at a fraction of the fee charged by private institutes.

The NSQC approved the same and accorded approval to DGT also to assess and certify SSC owned Qualifications.

Agenda Item IX: Empanelment of Skill Assessors and certification for CBSE schools

Committee was apprised that CBSE has requested MSDE to empanel their own assessors for vocational qualifications for which SSCs are the awarding bodies. Further, it was informed that the content for these qualifications is developed by PSSCIVE, Bhopal. ***The Committee decided that as CBSE is already a Certifying Body under NSQF, CBSE can empanel its own assessor and issue certificates for SSC courses also (list of courses at Annexure III). However, CBSE will have to ensure that assessment is as per NSQF guidelines. Further, the committee instructed NSDA to develop process audit guidelines as per NQAF for all Awarding Bodies under NSQF.***

Agenda Item X: Consideration of multiple Awarding Bodies for NSQF aligned courses

The Committee was informed that NSDA had received proposals from government institutions such as Skill Universities, KVIC, NiMSME and State Govt. & their institutions such as Haryana Knowledge Corporation Limited etc. to become Awarding Body for NSQF aligned qualifications. The committee was also apprised that in-principle decision was also taken in the 20th meeting of NSQC to consider multiple Awarding Bodies for each NSQF aligned qualifications.

The Committee decided that Skill Universities created by Act of State/ Union and approved by UGC for awarding degrees may be considered to become Awarding Bodies under NSQF for the courses in skills domain only. However, each such University would have to approach NSDA and an expert committee may be constituted by the Chairman, NSQC to assess the capacity and capability of the University as Awarding Body under NSQF. The terms of reference of the Expert Committee may be decided by NSDA with the approval of Chairman, NSQC.

Agenda Item XI: To consider Centurion University of Technology and Management (CUTM) as Awarding Body for NSQF qualifications.

Representative from Centurion University of Technology and Management (CUTM) made presentation on their capacity and capabilities to conduct assessment and certification of NSQF aligned qualifications in skill domain. It was also informed that CUTM has been notified as Skill University by Odisha Government (**Annexure IV**) and has shared the list of courses for which they are seeking Awarding Rights.

Considering that CUTM is already a Skill University approved by UGC to award degree and is assessment body for MES qualifications, ***the Committee decided to accord in-principle approval to CUTM as Awarding Body under NSQF for different NSQF aligned qualifications (Annexure V). An expert committee would be constituted by the Chairman, NSQC to visit the University as per the terms of reference decided by NSDA with the approval of Chairman, NSQC before notification.***

Agenda Item XII: To allow KVIC and Ni-MSME for assessment and certification of NSQF aligned Qualifications

(a) KVIC: KVIC shared the presentation on their overall capability and capacity of assessment and certification. It also informed that the primary reason for seeking Awarding rights is to reduce expenditure for third part assessment and certification. ***The Committee suggested that a meeting may be organized at the level of Secretary MSME and Secretary MSDE along with CEO KVIC to understand the requirement of KVIC before a final decision is taken by the NSQC.***

(b) Ni-MSME: Ni-MSME shared the presentation on their overall capability and capacity of assessment and certification Qualifications. It was observed that Ni-MSME is primarily into training space and emphasized on the need of having clearly defined fire walls between training and certification system as in case of CIPET. ***It was decided that Ni-MSME case may also be discussed during the meeting for KVIC matter with Secretary, MSME.***

Agenda Item XIII: To consider the Qualification Files received from Submitting Bodies

The Consultant, NSDA presented QFs of their respective sectors to the Committee for consideration of NSQF alignment. The following discussion and decision was taken:

i. Aviation

The 26 qualifications (8 MRO and 18 Airlines & Airport) have been approved by the Committee. List of all approved Qualifications is at **Annexure VI**. Further, the Chairman, NSDA directed to take two actions in regards to all Qualifications:

- 1. Each SSC that constantly creates new job roles should have adequate justification for creating new NOSs specific to the sector. There should be justified distinction from the other sector qualifications. NSDA and NSDC need to check for adequate justification from submitting bodies.**
- 2. In case of cross cutting qualifications, relevant multiple stakeholders should be consulted and contribution from them should be sought while creating new Qualifications/NOSs.**
- 3. Chairman, NSQC emphasized that there should be a provision to transfer credit between the qualifications.**

ii. Agriculture

A total of 23 Qualifications were approved by the NSQC (**Annexure VI**). DG, DGT enquired about qualification dealing with processing aspect of Fisheries and ASCI informed that food processing sector is seized with this issue.

The Chairman NSQC directed ASCI to assess requirement of State of Uttarakhand regarding Cold Water Fisheries. Agriculture SSC informed about developing qualification for the same.

iii. Logistics

It was stated that there was no the Line Ministry comment/ concurrence as logistics sector cuts across various Ministries of Government of India. It was also informed that Logistics SSC as well as NSDA had tried to coordinate with various potential Line Ministries like Ministry of Commerce and Industries, Ministry of Road Transport and Highways, Ministry of Food Processing, and other government agencies like Central Warehousing Corporation and Central Railside Warehouse Company Limited but haven't received response.

The Chairman, NSQC indicated that there are multiple ministries and coordination is a difficult task. The possibility of constituting a one-time task force with a Chairman, representative from the line ministry and representative from the private sector was discussed. The members will change depending on the QP under consideration and

the ministry. The Task Force will sort out the issues and send to the Logistics Department for final approval

The committee agreed with the suggestion of constituting one time task force.

The committee, further, enquired from the SSC w.r.t any urgency of these qualifications to avoid operational impediments. The CEO, SSC informed that these are rationalized files for which training has to start since there is a huge demand for them. NSDC was asked to help the SSC in operationalizing and implementing these Qualification. NSDC raised the issue of Cost Common Norm request submitted by Logistics SSC and it was decided that Economic Advisor, MSDE will look into the matter.

In view of above, the Committee accorded in-principle approval for 24 Qualification Files (Annexure VI) on the condition that SSC has to incorporate the changes (even during the course of operationalization of these Qualification Files) as per the suggestions in the stakeholder meeting which shall be conducted by the Logistics Division of Ministry of Commerce and Industries. These Qualification Files shall be presented in the next NSQC in case of any major changes/ suggestions. Otherwise these will be considered NSQC approved if there is no substantive change required in the files.

iv. Leather

NSQC suggested that the Qualifications of Shoe Maker and Footwear and Allied Goods Repairer peaked at higher level. The committee stated that the two qualifications level needs to be relooked by the SSC and the same was suggested by DG, DGT. ***It was decided that the Leather SSC would reduce the level of two qualification files, namely Shoe Maker and Footwear and Allied Goods Repairer to level 3 and level 2 respectively. (Annexure VI).***

v. Mining

NSQC suggested that the entry level requirement should be specific and not just ITI passed for the qualification of Surface Miner Operator. The SSC was advised to re-visit the entry level requirement for the Surface Miner Operator qualification.

DGMS, Ministry of Labour informed that according to Mines Vocational Training Rules (MVTR), 1966 it is mandatory for every mining company to provide training to the new employees for certain days. The MVTR is in process of amendment and the NSQC committee stated that MSDE, NSDA and the SSC related to mining may be consulted as any change in business of skilling in mining will spill to MSDE, NSDA and SSCs. The committee approved the qualifications files **(Annexure VI)**.

vi. Gems & Jewellery

The files were deferred due to non representation of the Submitting Body.

vii. Management

Two Qualifications were approved by the NSQC (Annexure VI). ***The Chairman NSQC desired SSC to undertake a demand assessment for stenographer and related roles in English and Local Language particularly for government (Judiciary) setup across India. SSC agreed on submitting a report to NSDA and NSQC.***

viii. Health

The Joint Secretary (SD), MSDE informed about progress on the two meetings held subsequent to the meeting between Secretary MSDE and Secretary, Ministry of Health and FW. The committee was apprised that 19 qualifications have been concurred with slight modification by the Health Ministry. It was also informed that discussions are in progress with IGNOU for registration as Awarding Body for the ministry sponsored qualification files placed in the 20th meeting of the NSQC.

The Committee decided that once final consensus is made between MSDE and MHFW, further action on qualifications may be taken accordingly.

ix. Sports

Two files were presented by the Consultant, NSDA. The Chairman NSQC enquired if the wellness sector had any overlap in the qualification of Fitness Trainer. NSDA informed that Beauty and Wellness sector has no overlap with Fitness Trainer qualification file. Further, the Committee enquired whether QF Sports Masseur would require prior approval of Health Ministry, the Sports SSC mentioned that they have screened this course through ISINC and taken the views from the specialist /doctors. The Chairman NSQC instructed the Sports SSC to submit the relevant paper work and desired that opinion of Health SSC be also obtained.

MHRD desired that the Sports SSC to submit the Qualification File of Physical Activity Trainer to NSDA on priority so that the same can be presented in the next NSQC. The SSC assured in this regard.

The Committee approved the Qualification File of Fitness Trainer only. (Annexure VI).

x. Domestic Worker

There were four Qualification files placed before the NSQC. Chairman NSQC mentioned that DG NSDA needs to have an internal discussion with NSDC, on

SMART portal and the requirement of accreditation norms. The DWSSC sought permission to run these courses pending completion of internal discussion between NSDA and NSDC, the Chairman NSDC informed that all those training centers that comply with the accreditation standards that will be discussed in the internal meeting of NSDA and NSDC, can run the specific courses. ***The Committee accorded in-principle approval to all four files subject to the compliance of the accreditation norms (Annexure VI).***

xi. Beauty and Wellness

A total 11 qualifications proposed by B&WSSC have been presented before NSQC for approval, out of which 3 qualifications belonged to wellness sub-sector. It was informed to the committee that there is no Line Ministry for Beauty and Wellness sector and therefore no specific Line Ministry recommendation was received. However, the M/o Ayush and M/o Health & Family Welfare were invited in Stakeholder meetings in NSDA and have been consulted for these QFs.

The Chairman, NSQC suggested that SSC should explore aspirational name for various job roles. NSQC approved all 11 QFs submitted by B&WSSC (***Annexure VI***).

xii. Furniture & Fittings

A total 7 qualifications were placed before NSQC for approval. It was informed to the committee that there is no direct Line Ministry for Furniture & Fitting sector so that line ministry recommendation could be taken. The Chairman, NSQC suggested that M/o Urban Development is involved in construction related work and therefore this ministry may be consulted for related job-role.

The Committee approved all 7 QFs submitted by F&FSSC (Annexure VI) and suggested NSDA to consult M/o Urban Development and M/o MSME for future qualifications of F&FSSC.

xiii. Handicrafts

A total of 7 qualifications were placed before NSQC and the same was approved (Annexure VI).

xiv. Instrumentation

A total of 5 Qualifications were placed before NSQC and the same was approved. The list of all approved Qualifications is at Annexure VI.

xv. Retail

A qualification named "Self Employed E Tailer" was presented by Retailer's Association Skill Council of India for NSQC approval. The qualification is designed

for a Special Project (Non Govt) under PMKVY. NSQC accorded approval with condition that the qualification is approved till the timeline of the special project. ***After that period, if the submitting body desires to continue the qualification, then it will again be presented to NSQC with the project report. The list of approved Qualification is at Annexure VI.***

xvi. Ministry of Environment Forest & Climate Change

The Chairman NSQC suggested that the qualifications submitted by the ministry are very relevant and should have a wider spread. ***The NSQC decided to constitute a committee headed by Ms. Jyotsna Sitling (Joint Secretary, MSDE) along with representation from MoEF&CC, NSDA and Tourism and Hospitality SSC for discussions on collaborations between the MoEF&CC and SSC to popularize these courses.***

The NSQC also suggested that for qualification on Water Auditing and Budgeting, Central Public Health and Environmental Engineering Organization (CPHEEO) and All India Institute of Hygiene and Public Health, Kolkata should be consulted. However, if no comments are received within a specific time period, the files may be treated as approved. The list of all approved Qualifications is at (Annexure VI).

xvii. C-DAC

With regards to the 6 Qualifications of CDAC, the NSQC suggested to share the Qualifications with UGC, MHRD, AICTE to have their views as these Qualifications are primarily academic in nature.

The same decision is also applicable to Qualifications wherein NIELET is a Submitting Body.

xviii. Green Jobs

A total of 10 Qualifications were placed before the NSQC and same was approved. List of the approved Qualifications is at Annexure VI.

xix. West Bengal Govt.

NSQC suggested to have consultation with Ministry of Drinking water and Sanitation on the qualification submitted by the State Govt. In case no comments are received within 3 weeks, the files may be treated as approved. The list of approved Qualification is at Annexure VI.

Addl. Agenda Item I:

a) Qualification of Makhana Grower cum Processor was placed on special request of Government of Bihar. The Committee approved the same.

(b) Ayushmanmitra- Qualification was approved. On the basis of input received from Ayushman Bharat Mission, HSSC apprised about change in notional hours from 90 hrs to 45 hrs. The Chairman NSQC desired to have a study report on appropriateness of hours and progression on the basis of pilot during first phase of certified trainees. The same was agreed by Dy. CEO, Ayushman Bharat.

(c) Food Processing-The Committee accorded in-principle approval to 7 Qualifications based on Line Ministry concurrence. However, it was suggested that QFs would be sent again to all stakeholders with a timeline of 2 weeks. If relevant comments received, files may be revised accordingly. If no comments are received then files would be treated as approved.

(d) COIR Board- The two Qualifications as presented by Coir Board were approved.

The list of all approved Qualifications is at **Annexure VI**.

Addl. Agenda Item II: To consider NIOS as Awarding Body for NSQF qualifications

Committee was informed that National Institute of Open Schooling (NIOS) was approved as 'non-statutory certifying body' by the NSQC in its 4th meeting held on 26th March 2015 but same has not been notified. The reminder letter has been sent to MSDE. **NSQC agreed that NIOS can be an awarding body for SSC courses provided that assessment is as per NSQF guidelines and a process audit as per NQAF to be developed by NSDA is adhered from time to time by NIOS. The list of qualification for which NIOS could be Awarding Body is at Annexure VII.**

Addl. Agenda Item III: Inception Report of Sub-Committee on NSQF alignment of Upskilling Courses

A presentation was made on NSQF alignment of Upskilling and Bridge Courses. A matrix for submission of Up skilling Qualifications was also shared to help in guiding the submitting bodies on the need of NSQF alignment before filling the detailed Qualification Files. **The Committee suggested that an expert committee from relevant Institutes may be constituted to design an overall framework on Up skilling and Bridge Courses.**

Addl. Agenda IV: Approval of DGT files

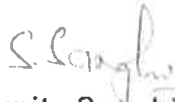
All the Qualifications apart from Qualifications pertaining to health sector were approved by the NSQC. The Chairman, NSQC suggested DGT to seek concurrence of Ministry of Health & Family Welfare on health sector files. Therefore, 297 Qualifications were approved as given in Annexure VI.

In addition to above decisions, the Chairman NSQC instructed NSDA to constitute a committee comprising of eminent personalities from different

sectors. This Expert Committee would act as Advisory Body for NSQC and give its recommendation on all matters related to assigning of NSQF Level, Bridge Course, Credit assigning & Transfer and NOS repository. NSDA would identify at-least 05 experts, who could be considered to be a part of the Expert Committee and Chairman, NSQC would nominate the members of the Committee. NSDA would be the Secretariat of this Committee. The committee after suitable consultation at National and International Level would finalize their recommendations on all above issues for placing before subsequent NSQC.

The Joint Secretary (Skill Development), MSDE informed that the fund available under SANKALP project could be utilized for these enrichment and process audit activities.

The meeting ended with vote of thanks to the Chair.


(Sunita Sanghi)
Director General, NSDA

NSQC Committee

1	Shri K.P.Krishnan, Chairman, NSDA & Secretary, MSDE	Chair
2	Ms. Juthika Patankar, Additional Secretary, MSDE	Member
3	Mr Yaduvendra Mathur, Additional Secretary, NITI Aayog	Member
4	Ms Sunita Sanghi, Director General, NSDA	Member Secretary
5	Ms Jyotsna Sitling, Joint Secretary, Ministry of Skill Development & Entrepreneurship	
6	Shri Rajesh Agarwal, Joint Secretary (Skill Development), Ministry of Skill Development & Entrepreneurship	Member
7	Shri Rajesh Aggarwal, Director General, DGT, Ministry of Skill Development & Entrepreneurship	Member
8	Shri, C. Prathap Mohan Nair, C.O.O, KASE, Govt. of Kerala	Member
9	Ms Surabhi Gupta, Additional CEO, MPSSCDEGB, Govt. of Madhya Pradesh	Member
10	Ms Jaspreet Kaur, Mission Director, Manipur Skill Development Mission	Member
11	Mr P.P Gupta, Deputy Director, Department of School Education & Literacy	Member
12	Lt Col Kailash Bansal, Director, SDC, AICTE, MHRD	Member

NSDA Officers

13. Shri Ajay Mishra, Deputy Director General, NSDA

Sectoral Representatives

1. Dr. Manish Singh, Joint Secretary, Ministry of Health & Family Welfare
2. Dr. Dinesh Arora, Deputy CEO NHA
3. Shri Deepankar Malik, DDG, DGT, MSDE
4. Ms. Vandana Bhatnagar, CPO, NSDC
5. Shri B.V.S Sessa Chari, Director, CSTARI, DGT, MSDE
6. Shri Nirmalya Nath, Asst. Director, CSTARI, DGT, MSDE
7. Shri Deepak Kumar, Assistant Director, DGT, MSDE
8. Shri Chandra Shekhar, SPMU, West Bengal, PBSSD
9. Ms. Deepti Saxena, Head-Standard , NSDC
10. Shri Shikhar Saxena , Manager , MEPSC
11. Mr Venkatesh Sharma, CEO & Director, Meritrian Education services
12. Ms Sangeeta Srinivas, Delivery Head- Long Skills, Meritrian Education Services

13. Mr Parvesh Malhotra, Head-Standard & Research, Furniture & Fittings Skill Council
14. Mr Tanmay Bishnoi, Head-Standards & Research, Skill Council for Green Jobs
15. Ms Shabana Parween, Senior Manager, Furniture & Fittings Skill Council
16. Dr. Amrinder Singh Bahel, NIOS
17. Ms Anita, NIOS
18. Dr Parveen NIOS
19. Mr Vishal Vishy, Consultant with LSC
20. Capt Ramanjam, Logistics SSC
21. Mr Dhanasekar, Head-HR, Logistics SSC
22. Prof. Mukti Mishra, President, CUTM
23. Prof. Mukti Mishra, President, CUTM
24. Mr Aditya Saika, Director, CUTM
25. Mr Abhinav Madan, Director Skills, CUTM
26. Mr S. B. Rath, Assignment Head, CUTM
27. Mr Ajet Pasayat, Sr. Adviser Research, CUTM
28. Mr D Peter Immaruel, CEO, AASSC
29. Mr Shreekanth . V. Mahen,
30. Dr. Sanjeev Chaturvedi, Ni-MSME, Yousufganda Hyderabad
31. Mr Ankit Bhatnagar, Ni-msme, Hyderabad
32. Mr B. Ramarao, Ni-msme, Hyderabad
33. Ms Priyanka Prahash, ASCI, Gurgaon
34. Maj gen Manik Salhorewal, CEO, DWSSC
35. Mr Tahsin Zahid, COO, Sports SSC
36. Mr Jitendra Kumar, Director, MoFPI
37. Dr. Biswajit Saha, Director, CBSE
38. Ms Urmila, Joint Director, MoEF & CC
39. Mr Yashvir Singh, ASCI
40. Dr. S. S. Arya, ASCI
41. Mr Gisrpal Singh, CEO, FFSC
42. Mr Yogesh Kr. Sharma, KVIC MoMSME
43. Dr. Yarmeen Besede, Pr. Sci, ICAR
44. Dr. Keshava, ICAR
45. Ms Afreen Kittur, Leather Sector Skill Council
46. Mr Shiker Saxena, MEPSC
47. Mr S. K. Bandhan, IASC
48. Mr Ajoy Bhusan, IASC
49. Ms Jassi Dimple, Progilence
50. Ms Sohini Guha, B & WSSC
51. Ms Pratibha Dudai, B & WSSC
52. Ms Gouri Chugh, BWSSC
53. Dr. P. Saxena, SCGJ
54. Ms Nika Gupta, Head- Training & Operations, RASCI
55. Mr James Raphael, Executive Head, RASCI
56. Mr Sameer Narasapur, Head – Assessments, Standards & QA, RASCI

57. Ms AnuPriya, Manager (Project), HCSSC
58. Mr Ravindra Singh, SCMS
59. Ms. A. Balu, M/o Mines
60. Sreejita, WB Skill Development Mission
61. Mr Chandrashekhar, West Bengal Skill Development Mission
62. Mr Jayante, Govt. of West Bengal
63. Mr Surojit Mondal , Deputy Director, Govt. of West Bengal
64. Mr S E P Pandey, Textiles Committee, M/o Textiles
65. Mr Faraz Faridi, Food Processing Sector Skill Council (FICSI)
66. Ms Riya Dhar, FICSI
67. Mr Sanjay Pandey, M/o Agri& FW, D/o AHDF
68. Ms. Gauri Kalra, Senior Consultant, Department of School Education& Literacy
69. Mr Sanjiv Kumar Gupta, Under Secretary, D/o Heavy Industry
70. Mr S. M. Khalikar, Joint Director (Extension), M/o agriculture (Extn Div.)
71. Ms Deepti Saxena, Head-Standards, NSDC
72. Ms Preeti Arora, Head : Learning Resources & Technology
73. Mr Ashish Jain, CEO, HSSC
74. Dr. R. Kumar ,DGMS, Ministry of Labour & Employment
75. Mr M.K. Gupta, Director (Skill Development & Training), NITI AAYOG

NSDA Consultants

76. Shri R K Chugh, Chief Consultant
77. Ms. Nidhi Gautam, Principal Consultant
78. Ms. Pangkhuri Borgohain, Principal Consultant
79. Ms. Neha Gupta, Principal Consultant
80. Ms. Gagan Preet Kaur, Consultant
81. Ms. Deepali, Consultant
82. Ms. Vasundhara Bhargava, Consultant
83. Ms. Ankita Verma, Consultant
84. Ms. Tanavi Singh, Consultant
85. Shri Ramesh Kumar Yadav, Consultant
86. Shri Manoj Kumawat, Consultant
87. Shri Shourya Sangam, Consultant

Annexure II

**43001/01/03/2014/NSDA
National Skill Development Agency
Ministry of Skill Development & Entrepreneurship
Government of India**

Kaushal Bhawan
B-2 Pusha Road,
Karol Bagh
New Delhi-110005
Date: 22nd June, 2018

Subject: - National Skill Development Corporation (NSDC) agenda for National Skill Qualification Committee (NSQC).

The Minutes of the meeting of National Skill Development Corporation (NSDC) agenda for National Skill Qualification Committee (NSQC) held under the Chairpersonship of DG, NSDA/Senior Advisor, MSDE on 8th June, 2018 are enclosed.

2. Necessary action may be taken as necessary.


(D.K. Goel)

Consultant (Admin & Finance)

Copy To:

1. Ms. Sunita Sanghi, DG-NSDA – In Chair
2. Sri Ajay Mishra, DDG-NSDA
3. Sri R K. Chugh, Chief Consultant
4. Sri Abhishek Bhardwaj, Research Analyst
5. Sri Manish Kumar Tiwari, Research Analyst
6. Ms. Nidhi Gautam, Principal Consultant
7. Ms. Neha Gupta, Principal Consultant
8. Ms. Pangkhuri Borgohain, Principal Consultant
9. Sri Shourya Sangam, Principal Consultant
10. Sri D. K. Goel, Consultant (Admin & finance)
11. Ms. Tanavi Singh, Consultant
12. Ms. Gagan Preet Kaur, Consultant
13. Sri Ramesh Kumar Yadav, Consultant
14. Ms. Deepali, Consultant
15. Ms. Ankita Verma, Consultant
16. Ms. Vasundhara Bhargava, Consultant
17. Sri Manoj Kumawat, Consultant
18. Sri Madhvendra Shukla, Consultant

4300/1/03/2014 /NSDA

National Skill Development Agency

**Minutes of the meeting on National Skill Development Corporation (NSDC)
agenda for National Skill Qualification Committee (NSQC)**

A meeting was held on 8th June 2018 at Ministry of Skill Development and Entrepreneurship (MSDE) under the chairmanship of DG, NSDA/ Senior Advisor, MSDE to deliberate on the specific agenda submitted by National Skill Development Corporation (NSDC) to NSDA before consideration of NSQC. The list of the participants is placed at **Annexure A**.

After a brief round of introduction, the agenda items were taken for discussion:-

Agenda Item 1:

Approval to extend the “Next Review Date” of QP- NOS to 30th June 2019 or 3 years from the date of NSQC approval, whichever is later

DDG (NSDA) informed that 1480 Qualifications have already expired by December 2017 and another 135 would expire by December 2018. The information sought by NSDA from all Sector Skills Councils (SSCs) in compliance to decision taken in the 19th meeting of NSQC has been received from 05 SSCs only which is under examination for placing before NSQC. To ensure smooth conduct of ongoing training, all such Qualifications which are currently being used under various Government schemes were agreed for a period up to completion of current batch. However, the SSCs will continue to provide information in prescribed format to NSDA for review of Qualifications as decided in the 19th meeting of NSQC.

Agenda Item 2: Approval of Notional Hours for PMKVY 18-19 STT job roles

As per the information submitted by NSDC, out of the total 139 Qualifications Files, 57 files have more than 25% variation in terms of notional hours w.r.t already approved Qualifications by NSQC, 15 Qualifications have less than 25% variation and 67 Qualifications have either similar or less variation in the notional hours.

Since increase in notional hours has direct financial implications, it was decided that for such Qualifications where the variation in notional hours is less than 25% they

may be placed before the NSQC for approval. . For remaining 57 Qualifications, NSDA may hold sectoral meetings to review them before placing in NSQC.

Agenda Item 3: Post-facto Approval/provisional approval of job roles executed under PMKVY and PMKK

As Government funding was to be made for NSQF compliant courses only post Dec 26th 2016, the PMKVY Steering Committee may be informed about such Qualifications which are not NSQF compliant but implemented under PMKVY. However, there are 22 Qualifications as on date which are running under PMKVY (as informed by NSDC) without NSQF compliance, it was decided that:

- a) if the tenure of the existing training courses is getting over than these may not be included under PMKVY until they are approved by the NSQC.
- b) if there are any Qualification for which allocation and target has already been given and trainings are undergoing, NSQC may consider post facto approval for such Qualifications.
- c) Qualifications which do not meet the statutory requirements should not be implemented under PMKVY.

Agenda 4: NSDA to provide list of SSCs mapped to acceptable Line Ministries and their approving authorities

It was decided that NSDA would map with the line ministries with SSCs to extent possible and share the same with NSDC and SSCs.

Agenda 5: Guidelines and process for NSQF alignment of NOS and NOS based certification by awarding bodies.

The 20th meeting of NSQC has already instructed NSDA to hold wider consultation with all stakeholders for NOS-based approval and submit report to NSQC. The process is going on in NSDA.

It was decided that NOS should not be used for assessment and certification in isolation but only as the combination of NOS in form of Qualification Pack (QP) for a job role. **It was agreed that** NOS based assessment may not possible for entry

Qualification/ fresh skilling but NSDA /NSDC to explore the option of NOS based assessment and certification for upskilling.

Agenda 6: Provision of resolving issues and discrepancies in the NQR data.

NSDA informed that during the meeting with all Central Ministries held on 22nd March, 2018, it was decided that all qualifications entered in the NQR will only be used for training so as to avoid any inconsistency in qualifications being reflected on the portal of SSC/NSDC.

It was also informed that NSDA has already constituted domain team with Nodal officer for NQR and NSDC may align their portal to NQR .

Agenda 7: Approval is sought for incorporating “Percent Weightages” in the QP-NOS assessment criteria

The proposal was agreed in -principle.

Agenda 8: Approval for simplified template of QP-NOS which will be system generated

NSDA informed that NIC is working for digitalisation of NSQF alignment process. It was decided that IT team of NSDC and NIC may coordinate with NSDA to have simpler and common format (to the extent possible) of the template. It was also suggested that NSDA may explore with NIC for “QP Builder” platform.

The meeting ended with vote of thanks to the Chair.

Annexure-A

List of Participants

1. Ms.Sunita Sanghi, DG,NSDA/ Senior Advisor, MSDE
2. Mr.Rajesh Aggrawal, Joint Secretary, MSDE
3. Mr.Ajay Mishra, DDG, NSDA
4. Ms Reetu Jain, Director, MSDE
5. Ms. Vandana Bhatnagar, Chief Program Officer, NSDC
6. Mr.Pratap Singh, Asst. Director (T), DGT
7. Ms.Deepti Saxena Head-Standards, NSDC
8. Ms.Preeti Arora, Head- Learning Resources & Technology, NSDC
9. Col Ail Chondel, Head-SSCG, NSDC
- 10.Mr. R. K. Chugh , Chief Consultant, NSDA
- 11.Mr Awjan Banerjee, Consultant-IT, NSDC
- 12.Mr.Deepak Kumar, DGT
- 13.Ms. Gaganpreet Kaur, Consultant, NSDA
- 14.Ms. Deepali, Consultant, NSDA

Annexure III

List of courses offered by CBSE

LIST OF VOCATIONAL COURSES TO BE OFFERED FROM THE SESSION 2018-19
(CLASS IX/XI)

Subject Code Marks distribution <u>Theory 50</u> <u>Practical 50</u>	Name of the Vocational course under NSQF (Secondary level)		Job Roles
	CLASS (IX) (2018-19)	CLASS (X) (2019-20)	
401	Retail		Store Operations Assistant
402	Information Technology		Domestic Data Entry Operator
403	Security		Unarmed Security Guard
404	Automotive		Automotive Service Technician
405	Introduction To Financial Markets		Business Correspondent
406	Introduction To Tourism		Assistant Tour Guide
407	Beauty & Wellness		Asstt. Beauty Therapist
408	Agriculture		Solanaceous crop Cultivator
409	Food Production		Assistant cook (reg.)
410	Front Office Operations		Front Office Executive
411	Banking & Insurance		Field executive
412	Marketing & Sales		Marketing assistant
413	Health Care		General Duty Assistant
414	Apparel		Hand Embroider
415	Media		Texture Artist

Annexure IV

Odisha Government Gazette

The Odisha G a z e t t e

EXTRAORDINARY
PUBLISHED BY AUTHORITY

No. 1183, CUTTACK, WEDNESDAY, AUGUST 30, 2017/BHADRA 5, 1939

SKILL DEVELOPMENT & TECHNICAL EDUCATION DEPARTMENT
NOTIFICATION
The 30th August 2017

No.4307-SD-MIS-48/2017/SDTE.— Whereas, the Government had issued a set of guidelines for recognition of a University as Skill University in the State, vide SD&TE Department Notification No.3653/SDTE.. dated the 26th July, 2017.

Whereas, in response to the same only one university, i.e., Centurion University of Technology and Management(CUTM) had submitted an application for its recognition as Skill University.

Whereas, the said application had been duly evaluated by an Expert Committee constituted for the purpose of evaluation of such applications, and

Whereas, the said Expert Committee after due evaluation of the application against the parameters prescribed in the guideline has unanimously recommended vide its proceeding dated the 16th August,2017 for recognition of CUTM as a Skill University.

Hence, Government of Odisha, after careful consideration, have been pleased to accord recognition to the Centurion University of Technology and Management as Skill University.

ORDER

Ordered that the Notification be published in the next Extraordinary issue of the Odisha Gazette and copies of the same be supplied to all Departments of Government/Assembly Secretariat/Accountant General, Odisha, Bhubaneswar.

By Order of the Governor
SANJAY KUMAR SINGH
Commissioner cum-Secretary to Government

2018-8-3 17:08

2

9. It should have well equipped laboratories and workshops for imparting state of the art skill training to the trainees.
10. It should be imparting multi disciplinary course curricula in the field of technology and skill.
11. It should have well trained faculties with industry exposure.
12. Adequate accommodation/hostel space for the trainees should be available with the University.
13. It should have proven track record of social and community engagement.
14. Obtaining 12(B) status from UGC would be an added advantage.
15. Ongoing partnership with NSDC shall also be an added advantage since NSDC monitors the training quality and numbers.
16. Providing skill training to differently able and other such special categories of youth as part of inclusiveness is desirable.

Any University fulfilling the above said criteria can apply for recognition as Skill University.

The applications received shall be evaluated by an Expert Committee and based upon its recommendation, Government shall accord due recognition to the concerned University as a Skill University through appropriate notification.

The said Expert Committee shall comprise of the following members:—

1. Vice Chancellor, BPUT, Odisha, Rourkela	- Chairman
2. Vice Chancellor, VSSUT, Burla	- Member
3. Director, Employment & Member Secretary, OSDA	- Member
4. Representative of Panchayati Raj & DWS Deptt.	- Member
5. Two Experts to be nominated by the Govt.	- Member
6. Director, Technical Education & Training, Cuttack	- Member Convener


For any clarification in the matter, if so necessary, decision of the Government in SD &TE Department shall be final and binding.

ORDER

Ordered that, the Notification be published in the next Extraordinary issue of the Odisha Gazette and copies of the same be supplied to all Departments of Government/Assembly Secretariat/Accountant General, Odisha, Bhubaneswar.

By Order of the Governor
SANJAY KUMAR SINGH
Commissioner cum-Secretary to Government

2018-8-3 17:05

The Odisha  Gazette

EXTRAORDINARY
PUBLISHED BY AUTHORITY

No. 1265. CUTTACK, SATURDAY, AUGUST 5, 2017 / SRAVAN 14, 1939

SKILL DEVELOPMENT & TECHNICAL EDUCATION DEPARTMENT
NOTIFICATION
The 26th July, 2017

Sub: guidelines for recognition of a University as Skill University in the State.

No. 3853-SD-MIS-48/2017/SDTE — The proposal for recognition of any existing Government / Private University of the State as Skill University by according the status of the Skill University to it was under active consideration of the Government. Hence, in order to facilitate the same, Government have been pleased to prescribe the following guidelines / eligibility criteria for recognition of the existing Government / Private Universities of the State as the Skill University —

1. The concerned University should have been in existence for minimum five years with approval of UGC and without any break.
2. It should have minimum five years of experience in imparting short term and long term skill training.
3. The University should have obtained National Assessment and Accreditation Council (NAAC) certification with at least 'A' Grade.
4. The University should have the experience of skilling 25,000 youth in last five years under Government programmes or Government agency sponsored schemes/ certification with a proven capacity to train at least 5,000 youth per annum.
5. It should have earned a national reputation on skill development.
6. It should have the experience of working with State Govt. Departments and Govt. of India Ministries / agencies in the field of skill development.
7. It should have established partnership with various agencies such as NCVT/ SSC of the Ministry of Skill Development in the field of skill training and assessment.
8. It should have tie up arrangements with leading industries in the field of skill training.

2018-8-3 17:04

Annexure V

List of CUTM University Courses

Sl. No.	Trades	MES Course Code	Sector / Course
1	AUTOMOTIVE REPAIR	AUR 701	Basic Automotive Servicing 2 wheeler 3 wheeler
2		AUR702	Basic Automotive Servicing 4 wheeler
3		AUR703	Driver cum Mechanic
4		AUR704	Bicycle and Tricycle repair
5	BANKING & ACCOUNTING	BAN101	Accounting
6		BAN202	Banking Associate
7		BAN103	Banking Sales Representative
8		BAN104	Mutual Fund Associate
9	BEAUTY CULTURE & HAIR DRESSING	BEA701	Beauty Therapy and Hair Styling level-1
10		BEA702	Beauty Therapy and Hair Styling level-2
11		BEA703	Integrated Course in Hair, Skin and Make-Up
12		BEA704	Nail Technology
13		BEA705	Bridal Make-up Artist
14	CHEMICAL	CHE101	Safety & General Awareness in Chemical Industry
15		CHE202	Process Attendant Chemical Plant
16		CHE205	Instrument Attendant Chemical Plant
17	ELECTRICAL	ELE701	Electrician Domestic
18		ELE702	Electrician Transmission Line
19		ELE703	Electrical Winder
20	INDUSTRIAL ELECTRICAL	IEL 701	Electrician Industrial
21	RENEWABLE ENERGY	RNE 701	Solar electric System Installer & Service Provider
22		RNE 702	Solar Hot Water syatem installer (Domestic system upto 2000L)- including servicing
23		RNE 703	Manufacturing Assistant - Solar Hot Water system
24		RNE 704	Assistant Solar PV Technician
25		RNE 805	Solar PV Technician
26	ELECTRONICS	ELC701	Repair & Maintenance of Domestic Electronic Appliances
27		ELC702	Repair & Maintenance of Office Electronic Equipment
28		ELC703	Repair & maintenance of Personal electronic devices
29	FABRICATION	FAB701	Arc and Gas Welder

30		FAB702	TIG Welder
31		FAB703	CO2 Welder
32		FAB706	Welder (Repair & Maintenance)
33		FAB708	Pipe Welder (TIG & MMAW)
34	GARMENT MAKING	GAR501	Hand Embroider
35		GAR502	Zig-Zag Machine Embroidery
36		GAR505	Garment Packer/ Ironer/ Fusing Technician
37		GAR504	Industrial Sewing Machine Technician
38		GAR503	Apparel Finisher and Checker
39		GAR 516	Tailor (Basic Sewing Operator)
40	HOSPITALITY	HOS701	Cook (General)
41		HOS 702	Cook (Continental)
42		HOS703	Cook (Indian Cuisine)
43		HOS704	Housekeeper
44		HOS705	Hospitality Assistant
45		HOS 706	Household Services (General)
46		HOS 707	Baker
47		HOS 708	Bartender
48		HOS 709	Food & beverages Service
49		HOS 610	Front office cum receptionist
50	INFORMATION AND COMMUNICATION TECHNOLOGY	ICT701	Accounts Assistant using Tally
51		ICT702	DTP and Print Publishing Assistant
52		ICT703	Computer Hardware Assistant
53		ICT 704	Computer Network Assistant
54		ICT705	BPO- Non Voice
55		ICT 706	BPO Voice
56		ICT 707	Web Designing and Publishing Assistant
57		ICT 709	Media Developer Assistant
58	MEDICAL AND NURSING	MED101	Bedside Assistant
59		MED207	Midwifery Assistant
60		MED208	Operation Theatre Technician
61		MED122	Optician
62		MED123	Optometrist
63		MED239	Radiology Technician
64		MED241	Operation Theatre (OT) Technician
65		MED242	Laboratory Technician
66	PRODUCTION AND MANUFACTURING	MAN 701	Turning
67		MAN 702	CNC Turning
68		MAN 703	Milling
69		MAN 704	CNC Milling
70		MAN 705	Drafting (Mechanical)
71		MAN 706	Grinding
72		MAN 708	Quality Inspector
73		MAN 710	CNC Insatallation and Commissioning
74		MAN 711	CNC Machine Tool Maintenance
75	REFRIGERATION &	REF701	Repair and Maintenance of Central Air

	AIR CONDITIONING		Conditioning Plant
76		REF 702	Refrigeration/ Air Conditioning/ ventilation Mechanic (electrical Control)
77		REF 703	Repair and Maintenance of Refrigerator
78		REF 705	Repair & maintenance of Coolers
79		REF 706	Repair and maintenance of Window and Split A.C
80		RET101	Sales Person (Retail)
81		RET202	Senior Sales Person (Retail)
82	RETAIL	RET103	Retail Operations
83		RET104	Sales Person (Door to Door)
84		PAI101	Painter Assistant/helper
85		PAI202	Wall Painter
86	PAINT	PAI203	Wood Painter
87		PAI204	Metal Surface Painter
88		PAI205	Spray Painter
89		CON 702	Assistant Shuttering Carpenter & Scaffolder
90		CON 703	Assistant Bar Bender & Steel Fixer
91		CON 704	Assistant Highway Works Supervisor
92		CON 705	Assistant Plumber
93		CON 707	Assistant Works Supervisor
94		CON 708	Bar- Bender
95	CONSTRUCTION	CON 709	Building Carpenter
96		CON 710	Conventional shuttering carpenter
97		CON 711	Highway Works Supervisor
98		CON 714	Mason
99		CON 715	Plumber
100		CON 716	Scaffolder
101		CON 719	System Shuttering carpenter
102		SEC101	Personal Security Guard
103	SECURITY	SEC102	Industrial Security Guard
104		MDA101	Digital Camera Photography
105	MEDIA	MDA102	Videography
106		MDA104	Digital Audio Recording
107		AGR102	Basic Cultivation of cereal crops
108	AGRICULTURE	AGR104	Repair, Maintenance & field operation of tillage equipment
109		AGR111	Repair& Maintenance of Spraying & Dusting
110		SS101	Soft Skills for Base Line Staff in Service sector
111	SOFT SKILLS	SS102	Spoken English and Communication Skill
112		SS203	Soft Skills for Front Line Assistant
113		INS101	Insurance Sales Advisor
114	INSURANCE	INS202	Senior Sales Person (Non life Insurance)

115		INS203	Senior Sales Person (life Insurance)
116	MATERIAL MANAGEMENT	MAM 101	Store Attendant
117		MAM 102	Material handling
118		MAM 103	Finish Goods Keeper
119		MAM 104	Assistant Store Keeper
120		MAM 205	Storekeeper
121	TEXTILE –COTTON SPINNING	SPG701	Draw Frame Tenter
122		SPG 702	Sliver Lap & ribbon Tenter
123		SPG 703	Speed Frame Doffer & Cleaner
124	TEXTILES – WINDING	WDG 701	Winder – Automatic Winding machine
125		WDG 702	Yarn Packer – Carton packing
126	TEXTILES – WEAVING PREPARATION	WPN 705	Warper- Sectional Warping
127		WPN 706	Warper- Beam Warping- Super High Speed
128		WPN 707	Front Attendant- Multi Cylinder Sizing
129	TEXTILES – WEAVING	WVG 708	Warp Dresser for Typing Machine
130		WVG 709	Weaver – 4 looms- Plain Power loom
131		WVG 710	Weaver – Auto loom
132	TEXTILES – KNITTING	KNT 701	Hand knitter – Flat Knitting
133		KNT 702	Knitter – Flat Knitting Machine
134	TELECOM	TLC101	Telecom DTH Installation Technician
135	FAST MOVING CONSUMER GOODS (FMCG)	FMG101	FMCG Sales Representative
136	MATERIAL HANDLING	MHE101	Overhead Crane Operator
137		MHE102	Pick & Carry Crane operator

Annexure VI

Qualifications approved in 21st NSQC meeting held on 3rd August, 2018**I. Sector Skill Council****1. Aviation and Aerospace**

Sl no	Qualifications	Code	NSQF level
MRO sub sector			
1	Aircraft Powerplant Technician	AAS/Q2001	4
2	Aircraft Instrument Technician	AAS/Q2002	4
3	Composite Repair Technician	AAS/Q2003	4
4	Helicopter Transmission Technician	AAS/Q2004	4
5	Propeller Technician	AAS/Q2006	4
6	FOL storage and control Technician	AAS/Q2007	4
7	Seat and Safety equipment technician	AAS/Q2008	4
8	Technical Services Engineer	AAS/Q2101	5
Airlines and Airport sub sector			
9	Airport Crash Fire Tenders and Rescue Crew	AAS/Q4101	4
10	Airport Fire Prevention Crew	AAS/Q4102	4
11	Airport Wildlife Management Crew	AAS/Q4104	4
12	Airport Safety Crew	AAS/Q4201	5
13	Airfield Ground Lighting Technician	AAS/Q4401	4
14	Airport Terminal Electrician	AAS/Q4402	3
15	Airport Unit Load Device (ULD) Staff	AAS/Q4301	3
16	Airport Cargo Operations Assistant	AAS/Q4302	3
17	Airport Warehouse Coordinator	AAS/Q4303	4
18	Airline Cabin Crew	AAS/Q0605	4
19	Airline Revenue Management Analyst	AAS/Q0608	4
20	Airline Network Planning Analyst	AAS/Q0609	4
21	Airline Senior Unit Load Device (ULD) staff	AAS/Q0610	3
22	Airline Pushback Operator	AAS/Q0702	4
23	Airline Ground Support Equipment Operator	AAS/Q0703	4
24	Airline Forklift Operator	AAS/Q0704	4
25	Airline Technical Publication Executive	AAS/Q0801	4
26	Airlines Ground Support Equipment Mechanic	AAS/Q0802	4

2. Logistics (accorded in-principle approval)

Sl. No.	Name of the QF	QF Code	Level
1	Cold Chain Engineering Specialist	LSC/Q9201	6
2	Cold Chain Lead	LSC/Q8702	7
3	Cold Chain Process Management Specialist	LSC/Q8601	5
4	Perishable Product Handling Specialist	LSC/Q8701	5
5	Reefer Vehicle Operator	LSC/Q8901	4
6	Refrigeration Equipment Maintenance Specialist	LSC/Q9101	5
7	Warehouse Manager	LSC/Q0103	6
8	Inventory and Materials Manager	LSC/Q0104	6
9	Transport Manager	LSC/Q1004	6
10	Warehouse, Transport and Inventory Manager	LSC/Q0105	6
11	MHE Operator and Technician	LSC/N0401	4
12	Land Transportation Associate	LSC/N1001	3
13	Land Transportation Executive	LSC/N1002	4
14	EXIM Executive	LSC/N2101	4
15	EXIM/CC/FF Supervisor	LSC/N2104	5
16	EXIM Manager	LSC/N2103	6
17	Ecommerce Operations – Team Lead	LSC/N2601	5
18	Ecommerce Operations – Manager	LSC/N2602	6
19	Warehouse Associate	LSC/Q0101	3
20	Warehouse Executive	LSC/Q0301	4
21	Courier Associate	LSC/Q1901	3
22	Courier Executive	LSC/Q1902	5
23	Courier Supervisor	LSC/Q1903	5
24	Courier Manager	LSC/Q1004	6

3. Handicrafts and Carpet SSC

S.No	Job Role	Code	NSQF Level
1.	Casting Operator – Ceramics	HCS/Q0601	4
2.	Finisher (Carpets)	HCS/Q5407	4
3.	Inlay Artisan (Metalware)	HCS/Q2903	4

4.	Jute Product Stitching Operator	HCS/Q7403	3
5.	Decorative Painter — Glassware	HCS/Q2502	4
6.	Furnace Operator	HCS/Q2101	4
7.	Jute Product Maker	HCS/Q7405	4

4. Food Processing SSC (accorded in-principle approval)

S.No	Job Role	Code	NSQF Level
1.	Plant Baker	FIC/Q5001	5
2.	Craft Baker	FIC/Q5002	4
3.	Quality Assurance Manager	FIC Q7007	6
4.	Food Regulatory Affairs Manager	FIC/Q9002	6
5.	Processed Food Entrepreneur	FIC/Q9001	5
6.	Packing Machine Worker-Food Processing	FIC/Q7002	3
7.	Industrial Production Worker- Food Processing	FIC/Q9005	2

5. Green Jobs SSC

S.No	Job Role	Code	NSQF Level
1.	Solar PV Business Development Executive	SGJ/Q0107	5
2.	Solar PV Structural Design Engineer	SGJ/Q0109	5
3.	Solar PV Designer	SGJ/Q0110	7
4.	Solar PV Project Helper	SGJ/Q0111	2
5.	Solar PV Engineer (Option: Water Pumping System)	SGJ/ Q0112	5
6.	Solar PV Project Manager (E&C)	SGJ/Q0114	7
7.	Solar PV Maintenance Technician – Electrical (Ground Mount)	SGJ/Q0115	4
8.	Solar PV Maintenance Technician – Civil (Ground Mount)	SGJ/Q0116	4
9.	Solar lighting technician (Options: Home lighting system / Street light)	SGJ/Q0201	4
10.	Solar PV Manufacturing Technician	SGJ/Q0119	4

6. Mining

Sl no	Qualifications	Code	NSQF level
1	Surface Miner Operator	MIN/Q0210	4
2	Assistant Support – Open Cast Mines	MIN/Q0211	2
3	Jack Hammer Operator	MIN/Q0212	4
4	Mine Driller Exploration	MIN/Q 0101	4
5	Assistant Support – Underground Mines	MIN/Q0213	2

7. Leather

1	Footwear and Allied Goods Repairer	LSS/Q4201	2
2	Shoe Maker	LSS/Q4101	3

8. Furniture & Fittings

Sl. No.	Qualifications	Code	NSQF Level
1	Assistant Carpenter-Wooden Furniture	FFS/Q0103	3
2	Assembler–Modular Furniture	FFS/Q5101	3
3	Lead Assembler-Modular Furniture	FFS/Q5103	4
4	Cabinet Maker–Modular - Kitchen	FFS/Q5102	3
5	Assistant Furniture Designer	FFS/Q0106	4
6	Assembler- Doors/Windows-Glass	FFS/Q6101	3
7	Sales Executive- Furniture & Fittings	FFS/Q8101	4

9. Beauty & Wellness

1	Senior Stylist		5
2	Senior Beauty Therapist		5
3	Bridal Fashion and Photographic Makeup Artist		5
4	Nail Technician		4
5	Assistant Tattoo Artist		3
6	Wellness Neurotherapist		4
7	Senior Wellness Neurotherapist		5
8	Master Wellness Neurotherapist		6
9	Spa Therapist		4
10	Gym Assistant		3
11	Personal Trainer		4

10. Domestic Workers (accorded in-principle approval)

S.No	Qualification	Code	NSQF Level
1	Child Caretaker (Non Clinical)	QP DWC/ Q 0201	3
2	Elderly Caretaker (Non-Clinical)	QP DWC/ Q 0801	3
3	General Housekeeper	QP DWC/ Q 0102	3
4	Housekeeper cum Cook	QP DWC/ Q 0101	3

11. Sports Sector

S.No	Qualification	Code	NSQF Level
1	Fitness Trainer	SPF/Q1102	4
2	Sports Masseur (accorded in-principle approval)	SPF/Q1103	4

12. Management

S.No	Qualification	Code	NSQF Level
1	Secretary	MEP/Q0201	4
2	Office Assistant	MEP/Q0202	3

13. BFSI

S.No	Qualification	Code	NSQF Level
1	Insolvency and Bankruptcy Associate	BSC/Q8202	5

14. Instrumentation

S.No	Qualification	Code	NSQF Level
1	Building Automation Specialist		5
2	Calibration Technician (Thermal)		4
3	Industrial Automation Specialist		5
4	Instrumentation Technician(Control Valve)		4
5	Junior Instrumentation		3

	Technician (Process Control)		
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15. Retail

S.No	Qualification	Code	NSQF Level
1	Self-employed e-tailer		4

16. Agriculture

S. No.	Qualification	Code	NSQF level
1	Aquaculture Technician	AGR/Q4903	5
2	Fishing Equipment Technician (Electronics)	AGR/Q5106	4
3	Freshwater Aquaculture Farmer	AGR/Q4905	4
4	Hatchery Manager	AGR/Q4912	6
5	Inland Capture Fisherman cum Primary Processor	AGR/Q5003	4
6	Ornamental Fish Technician	AGR/Q4910	4
7	Aquarium Technician	AGR/Q5108	4
8	Aquatic Animal Health Lab Assistant	AGR/Q4911	4
9	Crab farmer	AGR/Q4907	4
10	Fisheries extension associate	AGR/Q5107	3
11	Fishing Gear Technician	AGR/Q5105	4
12	Pearl culture technician	AGR/N4913	4
13	Feed technician	AGR/Q5109	4
14	Mariculture operator	AGR/Q4909	4
15	Aquaculture Fabricator	AGR/Q5110	4
16	Brackishwater Aquaculture Farmer	AGR/Q4906	4
17	Fish Seed Grower	AGR/Q4908	5
18	Fishing Boat Deckhand	AGR/Q5101	4
19	Fishing Boat Driver	AGR/Q5002	4
20	Fishing Boat Mechanic	AGR/Q5103	4
21	Fish Retailer	AGR/Q5104	3
22	Fishing Boat Maintenance Worker	AGR/Q5102	3
23	Makahna Grower cum Processor	AGR/Q0306	4

17. Healthcare

S. No.	Qualification	Code	NSQF level
1	Ayushman Mitra	HSS/Q6105	4

II. Central Ministries

1. Ministry of Environment, Forest and Climate Change

S.No	Job Role	Code	NSQF Level
1	Certificate Course in Bird Identification and Basic Ornithology	-	5
2.	Certificate Course in Bird migration and migration study techniques	-	5
3.	Certificate course in on Valuation of ecosystem of goods and services	-	5
4.	Certificate course in Value Addition & Marketing of Non-timber forest products (NTFPs)- (Plant Origin)	-	5
5	Certificate Course on Propagation and Management of Bamboo	-	5
6	Certificate Course on Plant Tissue Culture Techniques and its Applications	-	6
7	Certificate Course in Forest Fire Management	-	5
8	Certificate Course in Water Budgeting and Auditing	-	6

2. Qualifications of Coir Board

S.No	Qualification	Code	NSQF Level
1	Coir Technologist		4
2	Coir Artisan		3

III. States

West Bengal

S.No	Job Role	Code	NSQF Level
1	Bio Gas Plant and Bio Slurry Technician	-	4

IV. DGT Qualifications approved

(a) List of DGT (ATS) qualifications

Sl. No.	Qualifications	Code	NSQF Level
Aerospace & Aviation			
1	Mechanic Radio and Radar Aircraft		5
Agriculture			

2	Gardener (Mali)		4
3	Horticulture Assistant		5
4	Mechanic Agriculture Machinery		5
Apparel			
5	Designer and Master Cutter		3
6	Shirt and Trouser Maker		4
7	Tailor (General)		3
8	Tailor (Women)		3
Automotive			
9	Driver Cum Auto Mechanic (LMV)		4
10	Mechanic Motor Vehicle		5
11	Mechanic Diesel		5
Beauty & Wellness			
12	Hair Cutter/Dresser		3
13	Beautician		4
14	Assistant Beautician		3
15	Hair and Skin Carer		4
Capital Goods			
16	Pump Operator Cum Mechanic		5
17	Mechanic Earth Moving Machinery		5
18	Fitter Structural		5
19	Mechanic (Domestic, Commercial Refrigeration and Air Conditioning Machines)		5
20	Electrical Winder		5
21	Electroplater		5
22	Mechanic Electrical Domestic Appliances		5
23	Mechanic-cum-Operator Electronics Communication System		5
24	Draughtsman Mechanical		5
25	Forger & Heat Treater		5
26	Injection Moulding Machine Operator		5
27	Marine Engine Fitter		5

28	Operator Advanced Machine Tool		5
29	Pattern Maker		3
30	Utility Operator		4
31	Mechanic (Cold storage, Ice plant and Ice candy plant)		5
32	Refrigeration and Air Conditioning Mechanic		5
Chemicals & Petrochemicals			
33	Attendant Operator (Chemical Plant)		5
34	Chemical Laboratory Assistant		5
35	Laboratory Assistant (Chemical Plant)		5
36	Mechanic Maintenance (Chemical Plant)		5
37	Plastic Processing Operator		5
38	Advanced Attendant Operator (Process)		5
39	Boiler Attendant		5
40	Plastic Mould Maker		5
Construction			
41	Architectural Assistant		5
42	Building Maintenance Technician		4
43	Interior Designer and Decorator		5
44	Mason (Building Constructor)		4
45	Ceramic Caster		3
46	Ceramic Decorator		3
47	Ceramic Moulder		3
48	Moulder (Refractory)	Construction	3
Electronics			
49	Mechanic Auto Electrical and Electronics		5
50	Battery Repairer		4
51	Mechanic (Electrical Power Drives)		5
52	Switch Board Attendant		5
53	Mechanic Communication Equipment Maintenance		5

54	Mechanic Industrial Electronics		5
55	Mechanic Repair and Maintenance of Electronics Test Equipment		5
56	Technician Television Audio System		5
57	Computer and Peripherals Hardware Repair and Maintenance Mechanic		4
58	Mechanic Consumer Electronics		5
59	Mechanic (Central Air conditioning Plant, Industrial cooling and Package Air conditioning)		5
Food Processing			
60	Apperentice Food and Beverage Service (Stewardship)		4
61	Baker and Confectioner		5
62	Food Production (Vegetarian)		5
Handicrafts			
63	Book Binder		3
Infrastructure			
64	Structural Welder	Infrastructure	3
65	Shipwright (Steel)	Infrastructure	5
Iron & Steel			
66	Instrument Mechanic (Steel Plant)		5
67	Operator Blast Furnace Iron Making Equipments		4
68	Operator Coke Ovens Battery Equipments		4
69	Operator Locomotive and Rail Cranes in Steel Plant		4
70	Operator Material Handling Equipments at Raw Material Handling Plant		3
71	Operator Rolling Mills Equipment (Long Products)		4
72	Operator Sinter Plant Equipments		4

73	Operator Steel Melting Equipments		4
74	Sirdar (Colliery)		5
IT & ITes			
75	Computer Networking Technician		4
76	Computer Operator and Programming Assistant		4
77	Information Technology & Electronic System Maintenance		5
78	Programming And Systems Administration Assistant		5
Leather			
79	Finished Leather Maker	Leather	4
Logistics			
80	Crane Operator (Overhead Steel Industry) Logistics		4
Management			
81	Secretarial Assistant	Management	5
82	Stenographer (Hindi)	Management	4
Media			
83	Multimedia and Web Page Designer	Media	4
Mining			
84	Offset Machine Minder	Mining	5
85	Operator Coal Handling Equipments	Mining	4
86	Mate (Mines)	Mining	5
87	Shot Firer/ Blaster (Mines)	Mining	5
Paints & Coatings			
88	Painter General	Paints & Coatings	4
Plumbing			
89	Plumber	Plumbing	5
90	Welder (Pipe and Pressure Vessels)	Plumbing	4
Power			
91	Cable Jointer	Power	4
92	Electrician (Steel Plant)	Power	5
93	Lineman	Power	4

94	Mechanic (HT, LT Equipments and Cable Jointing)	Power	5
95	Power Electrician	Power	5
96	Steam Turbine Cum Auxiliary Plant Operator	Power	5
Retail			
97	Sales Person (Retail)	Retail	4
Textile			
98	Mechanic Maintenance (Textile Machinery)	Textile	5
99	Tenter (Drawing Speed/ Fly Frames)	Textile	3
100	Weaver	Textile	3
101	Winder (Textile)	Textile	3
Following are the qualification in which sector is not defined			
102	Attendant Operator (Dairy)		5
103	Mechanic Dairy Maintenance		5
104	Creel Boy-Cum-Warper		3
105	Doffer-cum-Piecer		3
106	Computer Aided Embroidery and Needle Worker		4
107	Fashion Designing Assistant		5
108	Footwear Maker		3
109	Knitter (Hosiery)		4
110	Leather Goods Maker		5
111	Printing Textile		3
112	Upholsterer		4
113	Mechanic (Denting, Painting and Welding)		5
114	Mechanic (Marine Diesel)		5
115	Mechanic (Repair and Maintenance of Heavy Vehicles)		5
116	Mechanic (Repair and Maintenance of Light Vehicles)		5
117	Mechanic (Repair and Maintenance of Two Wheeler)		4
118	Mechanic Automobile (Advanced Diesel Engine)		5

119	Mechanic Automobile (Advanced Petrol Engine)		5
120	Mechanic Motor Cycle		4
121	Technician Automotive Manufacturing		5
122	Tyre Repairer		3
123	Insurance Agent		4
124	Furniture & Cabinet Maker		5
125	Electrician (Mines)		5
126	Electronics Mechanic (Steel Plant)		5
127	Mechanic Radio, Audio, Video System and Appliances		5
128	Advance Welder		4
129	Apprentice Food Production (Cookery)		5
130	Mechanic Medical Electronics		5
131	Advance Mechanic (Instruments)		5
132	Ceramic Kiln Operator		3
133	Ceramic Press Operator		3
134	Optical Worker		5
135	Plate Maker (Lithographic)		4
136	Process Plant Operator		5
137	Shipwright (Wood)		5
138	Digital Photographer		4
139	Process Cameraman		4
140	Mechanic Mining Machinery		5
141	Senior Sales Person (Retail)		4
142	Assistant Front Office Manager		5
143	Cabin/Room Attendant		4
144	House Keeper (Domestic)		4
145	House Keeper (Hospital)		4
146	House Keeper (Institution)		4

(b) List of DGT (CTS) qualifications

Sl. No.	Qualifications	Code	NSQF Level
Agriculture			
1	Floriculture & Landscaping		4
2	Horticulture		4
Apparel			
3	Computer Aided Embroidery and Designing		4
Beauty & Wellness			
4	Spa Therapy		4
BFSI			
5	Finance Executive		4
Capital Goods			
6	Architectural Draughtsman		5
7	Metal Cutting Attendant (for Visually Impaired)		3
Construction			
8	Civil Engineer Assistant		5
9	Mason (Building Constructor)		3
Electronics			
10	Internet of Things (Agriculture)		4
11	Internet of Things (Healthcare)		4
12	Internet of Things (Smart City)		4
13	Smartphone Technician Cum App Tester		3
Food Processing			
14	Food and Beverages Service Assistant		4
IT &ITeS			
15	Computer Operator and Programming Assistant (for Visually Impaired)		3
16	Database System Assistant		5
17	Information and Communication Technology System Maintenance		5
18	Information Technology		5
19	Software Testing Assistant		5
Leather			
20	Footwear Maker		3
21	Leather Goods Maker		3
Logistics			
22	Lift and Escalator Mechanic		5

Management			
23	Human Resource Executive		4
24	Marketing Executive		4
Security			
25	Fire Technology & Industrial safety Management		4
26	Fireman		3
27	Health, Safety and Environment		4
Textile			
28	Spinning Technician		5
29	Textile Mechatronics		5
30	Textile Wet Processing Technician		5
31	Weaving Technician		5
32	Weaving Technician for Silk & Woolen Fabrics		3
Tourism & Hospitality			
33	Catering & Hospitality Assistant		4
34	Hospital Housekeeping		4
35	Housekeeper		4
36	Tourist Guide		4
37	Travel & Tour Assistant		4
Following are the qualification in which sector is not defined			
38	Bamboo Works		3
39	Central Air condition Plant Mechanic		5
40	Cutting and Sewwing (for Visually Impaired)		3
41	Desktop Publishing Operator (for Visually Impaired)		3
42	Early Childhood Educator		4
43	Hair & Skin Care (for Visually Impaired)		3
44	Mechanic Lens/ Prism Grinding		4
45	Mechanic Mining Machinery		5
46	Plumber/Sanitary Hardware Fitter		4
47	Refractory Technician		5
48	Rubber Technician		4
49	Stenographer Secterial Assistant (Hindi)		4
50	Stone Mining Machine Operator		4
51	Stone Processing Machine Operator		4

(c) List of DGT (MES) qualifications

Sl. No.	Qualifications	Code	NSQF Level
Apparel			
1	Textile Design Technology		3
2	Industrial Sewing Machine Operator		3
3	Apparel Pattern Making-CAD		4
4	Jacket, Jodhpuri&Sherwani Making (with drafting & cutting)	GAR620	4
5	Drafting in Fabric & Cutting- Shirt, Safari and Kurta	GAR621	4
6	Drafting & Cutting- Trouser &Pyjama	GAR622	4
7	Pattern Making & Cutting (Jacket, Jodhpuri&Sherwani)	GAR623	4
8	Basic Apparel Pattern Making	GAR701	3
BFSI			
9	Marketing Associate		4
10	Small Office/ Home Office Coordinator		3
11	Mutual Fund Associate		3
12	Banking Associate		4
13	Junior Finance Associate		3
14	Insurance Sales Associate		4
Capital Goods			
15	Arc & MIG Welder		3
Chemicals & Petrochemicals			
16	Advance Plastic Mould Manufacturing (APMM)	PLA702	4
17	Aroma Chemical Assistant	FFP 107	3
18	Basic Fitting & Measurement	PLA101	2
19	Distillation Unit Operator	FFP 104	3
20	Film Extrusion Machine Operator	PLA602	3
21	Fractional Distillation Operator	FFP 105	3
22	Plastic Product &Mould Design	PLA705	3
23	Maintenance of Plastic Processing Machinery (MPPM)	PLA611	3
24	Perfume Blender	FFP 101	3
25	Perfume Tester	FFP 103	3
26	Pipe & Profile Extrusion Machine Operations (PPEMO)	PLA603	3
27	Plastic Mould Manufacturing	PLA701	3

	(PMM)		
28	Plastic Recycling Machine Operator (PRMO)	PLA605	3
29	PVC Pipe Threading Machine Operations (PPTMO)	PLA609	3
30	Solvent Extraction Operator	FFP 106	3
31	Testing & Quality Inspection for Plastic Material & Products	PLA610	3
32	Instrument Attendant Chemical Plant- Basic	CHE205	3
Construction			
33	3D advance Designer using Pro E		3
34	Senior Land Surveyor		3
35	3D Visualisation in architecture		3
36	Assistant Architectural Drafting and Basic 3D Design with Autodesk Revit		4
37	Assistant Shuttering Carpenter & scaffolder		3
38	Assistant Highway Works Supervisor		3
39	Maintenance & Repair of Backhoe Loader & Front End Loader		3
40	Wheel Tractor Backhoe Loader Machine Operator		Level 3
41	Wall Painter		3
42	Assistant 3D Designer Using PROE	CON 701	3
43	Assistant Work Supervisor	CON 707	3
44	Building Carpenter	CON 709	4
Education			
45	Career and Guidance Counselor	CSK 205	3
46	Assistant Counselor	CSK 101	3
Gems & Jewellery			
47	Foundation course for Jewellery		2
48	Manual Jewellery Design		3
Handicrafts			
49	Bamboo Handicraft		3
50	Jute Drawing Operator		3
51	Designer cum Maker of Fabric Bags		3
52	Stuffer & Willower (Soft Toy)		2
53	Finisher & Painter (Soft Toy)		2

54	Packer (soft Toy)		2
55	Pattern & Mould Maker (Soft Toy)	TOY101	3
Leather			
56	Leather & Sports Goods Maker		3
57	Leather Footwear & Sports Shoes Maker		3
58	Leather Goods Salesman		3
59	Leather & Rexene Goods Maker		3
60	Leather Footwear Machine Operator (closing)		3
Logistics			
61	Driver cum Courier Boy		2
62	Warehouse Operator		3
63	Despatch Operator		3
64	Operation Supervisor/ executive		4
65	Forklift Operator		3
66	Loader		2
Management			
67	Assistant Storekeeper	MAM 104	2
68	Store Attendant	MAM 101	2
69	Finished Goods Keeper	MAM 103	2
70	Storekeeper	MAM 205	3
71	CNC Machine Tool Maintenance	MAN711	4
72	Automotive Manufacturing (Basic)	MAN713	3
73	Logistic Management Associate	MAM 507	3
Media			
74	Assistant Video Editor		3
75	Assistant -Mass Communication		2
76	Printing Operator		3
Retail			
77	Senior Sales Person		4
78	Sales Person (Door to Door)		2
79	FMCG Sales Representative	FMCG 101	3
Security			
80	Security Supervisor	SEC701	5
Textile			
81	Hand Knitter-Flat Knitting		2
82	Heavy Duty Tailor		2
83	Warp Dressing for Tying Machine		3

84	Pre-sinking Machine Operator		3
85	Inspector- visual Fabric Inspection		3
Tourism & Hospitality			
86	Housekeeper		3
87	Food & Beverage Service		3
88	Bartender		3
89	Front Office cum Receptionist		3
90	Ticket Reservation Assistant		3
91	Tourism & Travel Executive		3
92	Tour Assistant		3
93	Household Services(General)		3
94	Cook (General)		4
95	Cook (Continental)		4
96	Cook (Indian Cuisine)		4
Following are the qualification in which sector is not defined			
97	Drafting (Mechanical)	MAN705	3
98	Grinding	MAN706	3
99	Quality Inspector	MAN708	3
100	Telecom DTH Installation Technician	TLC 101	3

Annexure VII

National Institute of Open Schooling (NIOS)
(Vocational Education Department)List of Vocational Courses aligned with NOSLot 1

Name of Vocational Courses		NIOS Course Code	Entry qualification	NOS/Level	Corresponding Qualification pack
1.	Certificate in Bee Keeping	650	Literate	level 4	Beekeeper
2.	Poultry Farming	653	5 th pass	level 4	Small Poultry Farmer
3.	Paddy Farming	652	Literate	Level 4	Paddy farmer
4.	Beauty Therapy	640	8 th pass	Level 3	Assistant Beauty Therapist
5.	Hand and Foot Care	641	8 th pass	Level 3	Pedicurist and Manicurist
6.	Hair Care and Styling	642	8 th pass	Level 3	Assistant Hair Stylist
7.	Web development	660	10 th pass	Level 3	Web Developer
8.	CRM Domestic Voice	661	10 th pass	Level 4	CRM Domestic Voice
9.	Computer Hardware Assembly & Maintenance	663	10 th pass	Level 4	Field Technician Computing Peripherals
10.	Diploma in Medical Laboratory Technology	474 475 476 477	12 th pass with 40%	Level 4	Medical laboratory Technician
11.	Diploma in Medical Imaging Technology	471, 472, 473	12 th pass with 40%	Level 4	Radiology Technician
12.	Embroider	628	5 th pass	Level 4	Hand Embroiderer