

MSDE-19/03/2015-CD
Government of India
Ministry of Skill Development & Entrepreneurship
Directorate General of Training (DGT)

Shram Shakti Bhawan, New Delhi
Dated: 04th August, 2015

To,


1. The Directors dealing with Vocational/Craftsmen Training of all States/ UT Administrations
2. All Sub-committee members dealing with Norms & Courses

Subject: Minutes of the first meeting of reconstituted Sub-Committee of National Council for Vocational Training (NCVT) on 'Norms and Courses'.

Sir,

Please find the enclosed minutes of the first meeting of Sub-committee of NCVT dealing with 'Norms & Courses' held on 17th July, 2015 at 11:00 a.m. under the Chairmanship of Shri Rajesh Agrawal, Joint Secretary, MSDE, in Main Committee room 'C' Wing, first floor, Shram Shakti Bhawan, Rafi Marg, New Delhi.

Yours faithfully



(Deepankar Mallick)

Dy. Director General of Training

Encls: As state above

Copy to:

1. All Directors at DGT (HQ),MSDE
2. PS to JS(RA),MSDE for information, please.

Approved

Minutes of meeting of Sub-Committee of National Council for Vocational Training (NCVT) on "Training norms and courses" held on 17th July, 2015

A meeting of the Sub-committee of NCVT on Training Norms and Courses was held on 17th July, 2015 in Committee Room, C-Wing, Shram Shakti Bhavan, Rafi Marg, New Delhi under the Chairmanship of Shri Rajesh Agrawal, Joint Secretary, Ministry of Skill Development and Entrepreneurship. List of participants is at **Annex -I**.

Chairman after welcoming the members requested Shri D. Mallick, Dy. Director General of Training to take up agenda items for decision. Initiating the discussion, DDG(T) informed the members that with transfer of Training Directorate of erstwhile DGE&T to Skill Development and Entrepreneurship (MSDE), NCVT has been reconstituted under the Chairmanship of Hon'ble Minister of State (IC), Skill Development and Entrepreneurship and Secretary Skill Development and Entrepreneurship as vice- Chairman. The two Sub-committees of NCVT, namely "Sub-Committee of NCVT dealing with affiliation" to deal the issue of affiliation of ITIs and "Sub-Committee of NCVT dealing with training norms and courses" to deal with issues on standards has been reconstituted under the Chairmanship of Director General Training/ Joint Secretary. Thereafter point wise agenda items were taken up for discussion.

Agenda Item no. 1: Approval of five NSQF aligned courses under CTS for implementation w.e.f. session starting in August, 2015

DDG(T) informed that as per National Skills Qualifications Framework (NSQF) notification dated 27th December, 2013 for implementation of the NSQF, all the NCVT courses has to be aligned to NSQF levels within three years.

The following NSQF aligned courses under CTS which has already been approved by National Skills Qualifications Committee(NSQC), are proposed to be implemented w.e.f. session starting in August, 2015

- a) Fitter (Level 4)
- b) Electrician (Level 4)
- c) Electronics Mechanic (Level 4)
- d) Welder (Level 3)
- e) Turner (Level 4)

It was explained to the members that in above curricula, there is a change in implementation process. Guideline for implementation of NSQF compliance CTS courses would be released and steps taken for capacity building of principals and instructors.

JS requested Shri R.L. Singh, former DDG(T) and Consultant, to prepare target and time line for aligning all NCVT courses to appropriate NSQF levels by December, 2015.

The need for early alignment of Mechanic Motor Vehicle trade to NSQF level was discussed. It was decided that in next two month, list of other NSQF aligned CTS trades including MMV trade would be released.

Sub-Committee approved implementation of above NSQF compliance CTS courses w.e.f. session starting in August, 2015.

Agenda Item no. 2: Approval of High Employment potential courses according to needs of industries to be conducted as per Flexi - MoUs

Sub-committee was informed briefly about the Flexi-MoU policy of MSDE. Sub-committee examined each courses separately proposed by various industry partners. Course-wise recommendations of sub-committee are as under:

(i) **Centurion University:** Sub-committee examined the four trades namely Fitter, Turner, Welder and Electrician proposed by them under Craftsmen Training Scheme. It was informed that the MoU between DGT and Centurion University is yet to be signed. Approval was granted to run above four trades through Flexi-MoU under CTS in work integrated model, on semester pattern, subject to approval of competent authority and signing of MOU by two parties. It was also agreed that the National Trade Certificate would be issued to pass out trainees of above four trade under flexi MOU. However, a separate certificate, under flexi MoU, would be designed to distinguish between trainees of CTS in conventional ITI system and CTS under flexi MoU. JS(RA) also desired that **a new format be designed for all NTS with a QR code for easy validation of NTC and elimination of fake certificates** . He also desired that Director (TTC) to take up this work immediately.

Chairman, while appreciating the Credit based system adopted by Centurion University, desired that such system should also be introduced for courses under CTS. It was informed that AICTE and UGC has issued some guide line for award of credit to hours of learning. However conversion of on the job training into credit is not well defined anywhere. Shri R. L. Singh , former DDG(T)/Consultant informed that "hours of learning" is an international currency in credit system. However, keeping in view that repeated practical work is required for skill training courses, the credit awarded cannot be limited to outcome which is further linked to input and market employability.

JS(RA) requested Shri R. L. Singh , former DDG(T)/Consultant to initiate the task in consultation with Centurion University, **to bring in system for awarding credit, which could be accumulated for vertical mobility and also to make NCVT courses flexible**. He asked him to visit university as and when required and submit proposal at the earliest.

He also suggested that issue may be taken with National Institute of Open Learning , to offer a bridge course for 8th Class pass student to grant them equivalency with 10th Class Pass, so as to enable 8th class pass to enter into ITIs for most of the courses.

(ii) **Tata Motors Limited:** One course on Automobile Service/Sales Assistant cum Technician was proposed by Tata Motors Limited. They have informed that a Tripartite agreement with ITIs adopted by Tata Group and their dealers was done to run this course. The course was approved with following observation.

- Qualification file of NSQF be filled up for aligning the course at appropriate NSQF level .
- Employability Skills of 110 Hrs be added in the course.

JS(RA) enquired about the monitoring system under flexi –MoU. He stressed upon for putting in place a system for proper monitoring of the trainees undergoing training programme under Flexi-MoU. He suggested that **a module could be added in SDI portal for MES courses/MIS portal for CTS courses, and all MoU partners would be requested to update**

their information on appropriate portal so that proper monitoring could be done. He directed Director (SDI)/Director(projects) to take up the task immediately.

(iii) **Labour Net Managed Service** : Four courses were suggested by them . Sub-committee was informed that so far six courses have been approved for implementation by M/s Labour Net, however only one is in operation. Sub-committee took a strong view on it and directed that M/s Labour net should bring only those courses which could be implemented as per MoU guideline.

JS(RA) desired that all courses proposed , should be examined by Experts from CSTARI and suggestion/observation be incorporated appropriately. The courses were approved with following observation.

- Qualification file of NSQF be filled up for aligning the courses at appropriate NSQF level.
- Entry Qualification for Certificate Course in Welding Technology and Certificate Course in Press Operations be made 8th class pass.

(iv) **India Yamaha Motors Pvt Limited.**: Certificate Course in Two Wheeler Technician proposed by M/s Yamaha was found satisfactory and was approved for conducting training programme under CTS through Flexi MOU.

(v) **Yashasavi Academy of Skills**: Die Casting Maker Certificate Course by Yashasavi Academy of Skills was found satisfactory and was approved for conducting training programme under CTS through Flexi MOU.

(vi) **Indo-German Tool Room**: In all 12 courses in Manufacturing sector were approved for conducting training programme under CTS through Flexi MOU.

(vii) **Raymond Limited**: Two year course under CTS on "Textile Fabric Manufacturing" was examined by Experts from CSTARI and suggestion/observation were incorporated appropriately. The course was approved for conducting training programme under CTS through Flexi MOU.

(viii) **Maruti Suzuki India Limited**: The two courses i.e. "Automotive Body repair" & "Automotive Paint repair" were examined by Experts from CSTARI and suggestion/observation made were incorporated appropriately. The course approved for conducting training programme under CTS through Flexi MOU.

(ix) **Apparel Training & Design Center** : Fashion Design Technology Apparel Manufacturing Technology-Woven were examined by Experts from CSTARI and suggestion/observation made were incorporated appropriately. The course were approved for conducting training programme under MES through Flexi MOU.

The complete list of courses approved by subcommittee is placed at **Annex-I**

Chairman/Joint Secretary, in general, informed the Sub-committee on 'Norms & Courses' the following:

(i). For the approved syllabi, qualification file for NSQF must be filled up, which will enable to place them before NSQC. For this following information is required:

- a) What are the NoS /QPs.
- b) What are the assessable outcomes.
- c) whether or not the course is leading to employability. What is the evidence of industry acceptance.

(ii) The courses approved of flexi MoU's must be made available online for wider use. Director (Training) to ensure its implementation.

(iii) For courses approved in any scheme, components of that scheme must be covered fully.

(iv) Certifications of NCVT provides the trainees 'Pan India' recognition. The relevant certificates issued for Flexi MoU trainees after passing out must be different from NCVT run regular courses to avoid any confusion.

(v). For a course approved by the Sub-Committee of NCVT on Norms & Courses, if not taken up for training within a year should be treated withdrawn. The signatories of Flexi MoU must re-approach NCVT Sub Committee for Norms & Courses for re-activating such courses.

The Sub Committee of NCVT on 'Norms & Courses' agreed on above for implementation.

Agenda item No. 3: Continuation of six months courses under Craftsmen Training Scheme having high market demand

Sub-committee was informed that NCVT during its 41st meeting decided to discontinue **six months courses under Craftsmen Training Scheme and transfer all these courses under MES. However, some of the courses which have high market demand at All India level are proposed to be continued under CTS.**

Issue was discussed at length. It was decided that only those courses which have more than 2000 students/affiliated seats at All India level would be continued for another one year. Rest would be transferred under MES. The ITIs could be registered as VTP, infrastructure created could be utilized accordingly.

The only trade " Driver cum Mechanic" had more than 2000 affiliated seats, was allowed to be continued for another one year.

One course namely "Mechanic Repair & Maintenance of Light Vehicle" of one year duration having all India seats of 600 was approved to be continued for another one year.

DGT further desired that mapping of all trades offered in ITIs with demand in local area should be done in a time bound manner. He further directed that all mentors should be entrusted with this task and within 15 days they should furnish the report. He also desired that mapping of 20 obsolete trades which were deleted earlier should be done with 21 new trades so that desirous ITIs can convert the courses to new one as per local demand.

He further suggested that trade committee meetings should be done in clusters and the course should be validated by large no. of industries by sending them directly or through their Federations/Associations, to keep the syllabi in line with the industry demand. On the Job training should also be included in curricula.

Agenda Item no. 4: Approval of syllabus of Workshop Calculation & Science and Engineering Drawing for the Engineering trades under Craftsmen Training Scheme with entry qualification as 8th pass.

The syllabus of Workshop Calculation & Science and Engineering Drawing for the Engineering trades under Craftsmen Training Scheme with entry qualification as 8th pass was approved for implementation.

Agenda Item no. 5: Approval of syllabus of Workshop Calculation & Science and Engineering Drawing for 3rd & 4th semesters for the Engineering trades under Craftsmen Training Scheme with entry qualification as 10th

The curricula of Workshop Calculation & Science and Engineering Drawing for 3rd and 4th semesters. was approved for implementation

Agenda Item no.6 : Approval of the modification in Instructor/ Trainer Qualification for the trade "Fire Technology and Industrial Safety Management" under CTS.

Sub-committee approved the following modified qualification for the Instructor/ Trainer for the trade "Fire Technology and Industrial Safety Management" under CTS

"Defence Officer JCOs/ NCOs/ Para Military Officers with 10 years of experience in the relevant field"

Agenda Item no. 7: Approval of newly designed curriculum of 'Tea Plantation Assistant' module for Agriculture Sector under Skill Development Initiative (SDI) scheme based on Modular Employable Skills (MES) format.

Sub-committee approved the course curriculum on "Tea Plantation Assistant" for Agriculture sector under SDI Scheme based on Modular Employable Skills (MES). It also directed to develop new course on "Tea manufacturing".

Agenda Item no. 8: Approval of the proposal of "Rationalisation and Standardisation of ITI Infrastructure" as proposed by CSTARI, Kolkata based on the recommendation of State Government of Maharashtra.

Rationalisation and standardisation of tools and equipment and machinery for 18 CTS trades, Standardization of Common CNC Lab , Class room/ Drawing hall and Common Computer Lab in ITIs was discussed in-length. The Sub-committee appreciated the proposal however it was of the view that some more systematic and scientific analysis need to be done so that a clear guide lines could be framed in this regard. Utilization of costly equipment should be high and appropriate systematic thinking should be made for their best utilization. One of the suggestion was to run MES courses in spare capacity of these equipment. Work plan should be

arranged in such a way that every batch could get fair time to utilize the machineries. Every ITI should have only one IT Lab to cater all IT related need of concerned trades.

DGT requested Shri R.L. Singh former DDG(T)/Consultant to remain associated with the task and have consultation with other State and put up proposal before subcommittee hereafter.

Agenda Item no. 9 : Approval of revised syllabus of trade "Architectural Draughtsmanship" under CTS.

Sub-committee authorized Chairman to take decision after consultation with Mentor for changing the duration of trade "Architectural Draughtsmanship" from 1 year to 2 years under CTS.

Agenda Item no. 10: Approval of revamped syllabi of six designated trades under Apprenticeship Training Scheme (ATS)

The sub-committee approved syllabi of six trades namely Fitter, Electrician, Turner, Mechanic Motor Vehicle, Electronics Mechanic Food Production (General), rationalized by Expert Group, for designation under Apprentices Act, 1961.

Agenda Item no. 11: Relaxation to affiliated BBT modules converted to CTS

Sub-committee approved the proposal that if affiliated BBT modules converted to CTS trades, only list of critical equipment (prepared by CSTARI, Kolkata) essential for skill set in respective trade would be verified by State Directorate and Departmental Inspection Report (DIR) in this regard will be submitted by the State Directorate to Directorate General of Training. The affiliation for CTS trades will be granted on submission of DIR by the State Directorate.

The States/ ITIs would have to apply afresh to Quality Council of India (QCI) for accreditation, if they intend to start CTS courses against BBT modules which are not yet affiliated.

Sub-committee also approved that State Govt. should be informed five days in advance during the affiliation inspection of ITIs by QCI and they may depute their official during such affiliation inspection. However, if State Govt. official is not present even after intimation, QCI team could go ahead with their inspection plan.

Agenda Item no. 12: Approval of Craftsmen Training Scheme (CTS) courses for Plastic Processing and Chemical Sectors converted from Centre of Excellence (CoE) courses.

Sub-committee was informed that a trade under CTS namely "Plastic Processing and Chemical Sectors" have been prepared by utilizing tool and equipment of CoE Chemical Sector. These courses have been prepared after conducting trade committee meeting in Maharashtra and Gujarat after consulting industries in Chemical sector.

Sub-Committee approved the course and suggested that evidence of requirement of course for NSQF compliance should be incorporated in syllabus. Also, MES courses be developed for unutilized equipment.

Agenda Item no. 13: Consideration of grant of Affiliation to ITIs, applied before 15.01.2015 i.e. before issuing the formal order of Sub-Committee of NCVT dealing with affiliation held on 02.01.2015 related to limitation of trade/units in the trade Electrician and the interim order dated 13.07.2015 issued by Hon'ble High Court of Delhi in respect of W.P. no. 4363 of 2015.

In order to rationalize the imbalance among various trades, the Directorate of Technical Education, Rajasthan had forwarded a proposal for limiting of Electrician trades/units in new ITIs as well as in existing one. Following suggestion were forwarded by DTE, Rajasthan:-

For new ITIs: Institute should apply for seeking affiliation for minimum four different trades with the condition of maximum two units in case of Electrician trade.

For existing/old ITIs: No additional Units in respect of Electrician Trade to be granted affiliation. In case Institute applies for Electrician Trade for first time, maximum two units should be restricted for Electrician trade.

Aforesaid points were submitted in the meeting of Sub-Committee of NCVT dealing with affiliation held on 02.01.2015 wherein it was decided to accept the proposal and No Objection Certificate (NoC) be sought from the State of Rajasthan for those cases in pipeline i.e. under process. The formal order for affiliation was issued by DGET on 20.01.2015.

Hon'ble High Court of Delhi has given its interim order dated 13.07.2015 that respondent no. 1 i.e. NCVT must take decision before the next date of hearing i.e. 22.07.2015 as the last date of admission of trainees is 31.07.2015. Hon'ble High Court has also stated that no further extension of date will be granted after 22.07.2015.

Considering the sensitivity of the matter and in the light of the interim order dated 13.07.2015 of the Hon'ble High Court of Delhi, the matter is put up before the Sub-Committee of NCVT on norms and courses for its decision.

It was also observed by the Sub Committee that matter does not pertain to NCVT's Sub Committee on Norms & Courses and should be taken up before NCVT's Sub -Committee on 'Affiliation'

Agenda Item No. 14 : Equivalency for COE-Bridge Course pass out candidates with National Trade Certificate .

Sub-committee approved that candidates who have Completed training programme under COE and also completed bridge course of that sector in ATI, could be awarded National Trade Certificate in corresponding trade . The new format of such NTC be finalized by TTC.

Annex-1

List of Participants who attended the meeting of sub-committee of NCVT 'Norms & Courses' on 17.07.2015 in S.S.Bhawan, New Delhi

S. No	Name of the Participants & organization	Contact no.	E-mail
1.	Shri Rajesh Agrawal, Joint Secretary, Ministry of Skill Development & Entrepreneurship, New Delhi		
2.	Dr. T.C.Saravanabava, DDG(AT), MSDE, Shram Shakti Bhawan, Rafi Marg, New Delhi		
3.	Shri Deepankar Mallick, Dy. Director General (Training), MSDE, Shram Shakti Bhawan, Rafi Marg, New Delhi		Deepankar.mallick60@nic.in
4.	Shri R. Senthil Kumar Director of Training , MSDE, New Delhi	9599751575	r.senthil62@nic.in
5.	Shri Dinesh Nijhawan, Director (SDI) MSDE, Shram Shakti Bhawan, Rafi Marg, New Delhi	9650440008	Dinesh_nij@hotmail.com
6.	Shri R.P. Dhingra, Dir (P), MSDE, Shram Shakti Bhawan, Rafi Marg, New Delhi	9811715769	rpdhingra@gmail.com
7.	Shri R.L.Singh, Former DDG(T), MSDE, Shram Shakti Bhawan, Rafi Marg, New Delhi		
8.	Shri. R.K. Rai, Director, MSME, New Delhi	23062561	Rk.raai@nic.in
9.	Shri S.C. Sharma JDT, MSDE, Shram Shakti Bhawan, Rafi Marg, New Delhi	09868529848	Scsharma_9@yahoo.co.in
10.	Shri Sanjay Kumar JDT, CSTARI, Kolkata	9433878323	Sanjay.dget@gmail.com
11.	Smt. Anita Srivastava, Dy. Director of Training, MSDE, Shram Shakti Bhawan, Rafi Marg, New Delhi		
12.	Shri Amrit Pal Singh, Dy. Director of Training , MSDE, Shram Shakti Bhawan, Rafi Marg, New Delhi		
13.	Shri Sushil Kumar Agarwal, DDT, MSDE, Shram Shakti Bhawan, Rafi Marg, New Delhi	9818680829	S_gmail@yahoo.com
14.	Shri L.K Mukherjee DDT, CSTARI, Kolkata	9433026788	
15.	Shri Avinash Kishore, Assistant Director of Training, MSDE, Shram Shakti Bhawan, Rafi Marg, New Delhi		
16.	Shri Shiv Kumar, JTA, MSDE, Shram Shakti Bhawan, Rafi Marg, New Delhi		
17.	Shri Sohan Lal Gubla, BMS, Member NCVT	9416292072	sohanlalbms@gmail.com

18.	Shri B,Venkatarao, INTUC, member NCVT	09866177774	
19.	Shri S.G..Kirshnan, Member, Tata Motors	9619004117	
20.	Shri Satish Bhutodn, Raymond Ltd	9822943071	Satish.bhutada@raymond.in
21.	Shri Manoj Arora, Raymond Ltd.	7738999075	Manoj.arora@raymond.in
22.	Shri Vishvas Kulkarni, President, Yashasvi Skills	9422001571	Viwesh.yasuasvi@gmail.com
23.	Shri Atul Badkar. Endurance Technologies Pvt. Ltd,	8380025399	
24.	Shri Shripad Joshi , Director, Qualikon Services Pune,		
25.	Dr. B.S. Tomar, Chairman, Federation of Pvt. ITI Association.	9818538356	
26.	Prof. M. Rangarao, Federation of all India Private ITI Association	944445916	
27.	Shri B. Sudhakar, General Secretary, Federation of all India Private ITI Association	9440215494	Ssviyi.sudhakar@gmail.com
28.	Ms. Nidhi Rawat, Jt. Registrar, Appral Training Design Centre(ATDC).	9810822137	Nidhi_rawat@atdcindia.co.in
29.	Shri. Sekhar Gupta. Head HR & Trng. (North) Flipkart Internal Pvt. Ltd., Flipkart Internal Pvt.Ltd.	9582014555	Shekhar.gupta@flipkart.com
30.	Dr. Mukti Mishra, President, Centurion University		
31.	Shri Abhinav Madan, MD, Gram Tarang	9437179990	Abhinav.madan@grantavang.in
32.	Shri E.P. Sreekumar, Head of Deptt, India Yamaha Motors Pvt. Ltd.	9711260605	epsreekumar@yamche-motor-india.com
33.	Shri. J.D. Bagul Manager (Trg). Ingo German Tool Room (IGTR), Aurangabad.	9372055003	
34.	Dr.Ajit R.Thete, Ingo German Tool Room (IGTR), Aurangabad.	960-4321-005	
35.	Shri B.S. Verma, Joint Director Tech Education Jaipur Raj , Director of Tech.Education, Jodhpur Raj	9462243792	Bsverma271958@gmail.com
36.	Shri Yogesh S.Patil, Dy.Director , Directorate of Employment & Training Mumbai, DVET	9422790519	Dydir3@dvetmaharashtra.gov.in
37.	Shri Shashi Bhushan, Director(Ent), Directorate of Employment & Training, Bihar	8873997104	
38.	Shri D.K. Singh, Joint Director of Training Directorate Training & Emploment Lucknow (U.P)	9451096100	
39.	Shri Mukesh Arya, Asstt. Manger, Graman Tarang	9999652929	
40.	Ms. Prabha Raman, Manager-Labournet,	9844260801	Prabha.r@labournet.in
*41.	Shri Harsh Pahwa, Asstt. General Manager, Yamaha.	9711808330	hpahwa@yamaha-motor-india.com
42.	Shri Jayanta Das, Managing Director Primeno Skills	9811052200	

Annex-II

Sl. No.	Name of the Trade	Duration	Entry Qualification	MoU Partner	Modification made by Sub-com
1	2	3	4		6
1.	Fitter	4 semesters	Passed 10th class examination under 10+2 system of education with Science and Mathematics or its equivalent.	Centurion University	To run four trades under CTS in work integrated model, on semester pattern, subjected to approval and signing of MOU by two parties
2.	Turner	4 semesters	Passed 10th class examination under 10+2 system of education with Science and Mathematics or its equivalent.	Centurion University	
3.	Welder	2 semesters	Pass 8 th Class Examination	Centurion University	
4.	Electrician	4 semesters	Passed 10th class examination under 10+2 system of education with Science and Mathematics or its equivalent.	Centurion University	
5.	Automotive Body repair	2000 hrs (1 Year)	Minimum 10th Std Pass., 18 years of Age	Maruti Suzuki India Limited	Approved under CTS
6.	Automotive Paint repair	2000 hrs (1 Year)	Minimum 10th Std Pass., 18 years of Age	Maruti Suzuki India Limited	
7.	Automobile Service/Sales Assistant cum Technician	12 months (Spread over 30% at ITI & 70% in Plant/ Dealers)	Completed 10th class examination under 10+2 system of Education	Tata Motors Limited	Approved under CTS
8.	Certificate Course in Beauty Services	1 Year (2 Semesters)	10th Pass	Labour net Managed Service	Approved under CTS
9.	Plastic Moulding	1 Year (2 Semesters)	10th std Age - Above 18 Yrs.	Labour net Managed	Approved after incorporating

	Operator			Service	suggestion/observation made by experts from CSTARI
10.	Certificate Course in CNC Operations	One Year(Two semesters)	10th Pass	Labour net Managed Service	Approved after incorporating suggestion/observation made by experts from CSTARI
11.	Certificate Course in Press Operations	One Year(Two semesters)	10th Pass	Labour net Managed Service	Approved as entry qualification as 8th class pass
12.	Certificate Course in Welding Technology	One Year(Two semesters)	10th Pass	Labour net Managed Service	Approved as entry qualification as 8th class pass
13.	Certificate Course in Two Wheeler Technician	1 Year (2 Semesters)	08th std Age - Above 17 Yrs.	India Yamaha Motors Pvt Limited.	approved
14.	Die Casting Maker	-	-	Yashasavi Academy of Skills	approved
15.	Certificate Course IN Machinist Tool Room	Two year (Four semesters each of six month)	Passed 10th Class with Science and Mathematics under 10+2 system of Education or its equivalent	Indo-German Tool Room	Approved after incorporating suggestion/observation made by experts from CSTARI
16.	Advance Certificate Course in Machine Maintenance	12 Months(48 Weeks) (Full time Course: 8 Hrs. / Day & 6 Days Week)	ITI: Electrician, Electronics	Indo-German Tool Room	
17.	Advance Certificate Course in Welding Operations	12 Months(48 Weeks) (Full time Course: 8 Hrs. / Day & 5 Days Week)	ITI: Welder, Machinist, Turner, Fitter, Sheet metal	Indo-German Tool Room	
18.	Advance Certificate Course in Tool Design & CAD/CAM	One year (Two semesters each of six	Diploma in Engg. (Mech. /Prod.) or I.T.I.(Machinist/Turner/Bench Fitter/Tool	Indo-German Tool Room	

		Months duration)	&Diemaker/Draftsman Mech.)		
19.	Advance Certificate Course IN Tool & Die Manufacturing	One year (Two semesters each of six Months duration	Diploma in Engg. (Mech. /Prod.) or I.T.I.(Machinist/Turner/Bench Fitter/Tool &Die maker	Indo-German Tool Room	Approved after incorporating suggestion/observation made by experts from CSTARI
20.	Certificate Course in CNC Turning & Milling (CCCTM)	One year (Four semesters each of six months duration	Passed 10th Class with Science and Mathematics under 10+2 system of Education or its equivalent	Indo-German Tool Room	
21.	Certificate Course in Tool and Die Making (CCTDM)	One year (Two semesters each of six months	Passed 10th Class with Science and Mathematics under 10+2 system of Education or its equivalent	Indo-German Tool Room	
22.	Certificate Course in Machine Tool and Welding Operation (CCMT&WO)	One year (Two semesters each of six months duration	Passed 10th Class with Science and Mathematics under 10+2 system of Education or its equivalent	Indo-German Tool Room	Approved after incorporating suggestion/observation made by experts from CSTARI
23.	Certificate Course in Machine Tool Operation (CCMTO)	One year (Two semesters each of six months duration	Passed 10th Class with Science and Mathematics under 10+2 system of Education or its equivalent	Indo-German Tool Room	
24.	Certificate Course in Machine Maintenance & Welding Operations	One year (Two semesters each of six Months duration)	Passed 10th	Indo-German Tool Room	Approved after incorporating suggestion/observation made by experts from CSTARI
25.	Certificate Course in Machine Maintenance	One year (Two semesters each of six Months duration	Passed 10th	Indo-German Tool Room	
26.	Advance Certificate	One year	Passed ITI	Indo-German Tool Room	

	Course in CNC Machining	(Two semesters each of six Months duration)	(Machinist, Turner, Fitter, Tool & Die Maker or its equivalent)		
27.	Textile Fabric Manufacturing	Two years (Four semesters each of six months duration)	For First Semester 12th Std (Science) OR 12th Std + Any Technical Vocational Training OR ITI Pass in any trade Age 23 Years	Raymond Limited	Approved after incorporating suggestion/observation made by experts from CSTARI
28	Fashion Design Technology	1040 hrs	12 th pass or equivalent	ATDC	Approved after incorporating suggestion/observation made by experts from CSTARI pyramid
	Apparel Manufacturing Technology- Woven	1040 hrs	12 th pass or Equivalent	ATDC	