

Skill Training Eco-system of Ministry of MSME

1. Introduction

Ministry of Micro, Small & Medium Enterprises (MSME) in its endeavor to provide the right stimulus for the growth of the industry in the country – particularly with the objective of helping micro, small and medium enterprises, has developed a robust skilling eco-system to meet the demands of skilled workforce in the various emerging and traditional sectors in different segments of enterprises.

The Ministry has been organizing a number of skill development programmes/ courses for the existing & potential entrepreneurs, in order to build their capacity. These training courses are as per demands of industry, a pathway to fill up the gap of requirement of skilled workforce in the MSME sector in consonance with the changing landscape of the MSME Ecosystem and its present challenges in India.

Skill training programmes are conducted by a network of institutions under the Ministry i.e. Khadi & Village Industry Commission (KVIC), Coir Board, National Small Industries Corporation Ltd. (NSIC), National Institutes for MSME (ni-msme) and MSME - Technology Centres (TCs).

The intake eligibility for the training programmes ranges from school drop out to M.Tech. level. Various levels of courses, viz. certificates, diploma, advance diploma, post diploma, post graduate diploma and post graduate courses are offered by these institutions. Furthermore, training for skill up-gradation in traditional sector of Khadi & Village Industry and Coir sector are also provided to strengthen these sectors

The Ministry has taken initiatives to align a number of training courses conducted by Technology Centres (76 courses) with National Skill Qualification Framework (NSQF), Ministry of Skill Development & Entrepreneurship (MSDE).

2. Skill Development Programmes under Ministry of MSME

Organizations under the ministry are providing skill training to the youths for wage employment and self-employment. They also provide skill up-gradation trainings to existing entrepreneurs and working force to enhance their performances.

These training are provided under various schemes such as:

- (i) Prime Minister's Employment Generation Programme (PMEGP) through KVIC
- (ii) Assistance to Training Institutions (ATI) scheme
- (iii) National SC/ST Hub,
- (iv) Coir Vikas Yojna- Skill Upgradation & Mahila Coir Yojna, etc
- (v) ASPIRE.
- (vi) Khadi & Gramodyog Vikas Yojna (KGVY) Scheme

Furthermore, customized demand-driven training courses as per industry requirements are also conducted by organizations under the Ministry specially Technology Centres (Tool Room and Technology Development Centres).

3. Details of various organization of Ministry conducting Skill Development training are as follows:

(i) Training under Khadi Village & Industry Commission (KVIC)

KVIC started the skill development activities in the year 1956, by creating a separate Directorate, in tune with the main objectives of rules and regulations of KVIC Act and separate cadre created for the purpose of skill development. Initially to meet out the requirement of skilled personnel's in the Khadi Institutions, the thrust was given to Khadi skill development activities in Khadi sector (weaving & spinning etc). Countrywide Khadi Institutions benefited by these Khadi skill development programmes. Later, keeping in view the role of KVIC with the mandate of generating employment opportunities and to promote rural industrialization, KVIC also started providing skill development training for village industries activities. In order to cater the need of the Artisans as well as to develop/promote entrepreneurship, KVIC established the network of 18 Departmental Training Centres and 17 Non-Departmental Training Centres established with the assistance of KVIBs and institutions.

After the completion of skill development training, attention is also provided to follow-up with the successful candidates and to assist the trained personnel so that they are meaningfully engaged in self-employment/employment. The skill provided enabled many of the candidates to start their own venture or even linked up with the bank finance assistance under PMEGP to set up their Micro, Small & Medium units. The details of training centres working are given below :

Sr. No.	Category	Nos.
1.	Departmental Training Centres	18
2.	State Khadi and V. I. Boards Training Centres	05
3.	Non-Departmental Training Centres	12
	TOTAL	35

Types of Courses and Training Programme:

- Skill Development Programme (SDP) in KVI trades.
- Sponsored programme of various Government Departments and likeminded Non-governmental organization/ agencies.
- Entrepreneurship Development Programme (EDP) under Prime Minister Employment Generation Programme (PMEGP).
- Training in Marketing and Salesmanship.
- Management /Orientation training programme for officers & staff of KVIC/ KVIB.
- Short-term Tailor Made Courses/Hobby Courses.
- Entrepreneurship Awareness Programme (EAP): EAP are also conducted by the training Institutes in order to create awareness about self-employment, PMEGP and various

activities/schemes of KVIC. This helps in motivating unemployed youth to enrol in the training programmes for employment /self-employment purpose.

Nature of Courses:

Most of the courses have been designed with short duration ranging from one week to 2 months and also considering the potential in respective geographical area where the training centers are located. These courses are basically conducted in a practical mode rather than theoretical. In addition, few long term courses such as Khadi Weaving (Frame/Semi- automatic) course – 06 months, Khadi Technology Course - 09 months, Textile Chemistry courses-15 months are offered by the training centres, having more employment potential in Khadi sector. The trained instructors of KVIC's Training Centres or the experienced trainers are engaged for conducting these courses. Wherever needed stipendiary programmes are conducted to provide financial support to the needy trainees for their travelling/ food expenses.

The demand driven Skill Development Programmes (SDP):

Courses annexed at Annexure -I are having good demand and are being conducted by both departmental and non-departmental training centres.

A number of courses of varied duration and timing are arranged by the training centres keeping in view the local demand and the skill available. These courses except stipendiary courses are conducted on fees basis.

ii. Coir Board

Coir Board conducts training programmes through Coir Vikas Yojana - SKILL UPGRADATION & MAHILA COIR YOJANA

Salient features of the Scheme

- The main objective of the scheme is to provide skilled manpower to the coir industry and also to create more employment opportunities by setting up of new units in Coir Sector.
- To train personnel in the cadres of Supervisors/ Instructors/ Artisans and to meet the requirement of skilled man power for the development of coir industry.
- Help in transfer of technology to non-traditional areas through development of skill of coir workers.
- Assisting the trained candidates including women artisans for procuring spinning equipments/coir processing machineries for starting their own entrepreneurship by availing financial assistance through PMEGP.
- Provide self employment to rural women artisans in regions producing coir fibre and enabling them to get better returns through improvement of productivity and quality.
- Providing better work environment and elimination of drudgery involved in the traditional methods of spinning and product manufacturing.
- Encourage new entrepreneurs both in traditional and non-traditional areas under Entrepreneurship Development Programmes to venture into coir industry and trade and thereby accelerate the development of the industry in the existing and new areas.
- Aim at inculcating quality consciousness among the workers at grass root level and to educate them on proper methods of producing standard quality fibre, yarn and products.
- Create awareness among the coconut growers, entrepreneurs etc. to set up coir based units and to modernize the existing units for better productivity, quality and also enhance earnings.
- Providing awareness on various schemes and services of Coir Board/ Ministry of MSME

Under the scheme, the programmes listed at Annexure-II are being implemented through Board's field establishments viz. Regional /Sub Regional /Extension Service Offices etc. situated in various coir producing states of the Country, like Kerala, Tamil Nadu, Karnataka, Andhra Pradesh, Odisha Maharashtra, etc.

The NSQF aligned regular courses offered through Board's two Training Institutes viz. NCT&DC, Kalavoor (Kerala) & Regional Extension Centre, Thanjavur (Tamil Nadu) and training centres attached to Board's Regional Offices at Bhubaneswar (Odisha) and Rajahmundry (Andhra Pradesh).

The successful trainees are provided with certificate and monthly stipend of Rs. 3000/- and honorarium to the trainer @ Rs. 15,000/-per month. Now the stipend and honorarium are enhanced to Rs. 6000/- and Rs. 20,000/- per month respectively.

(iii) Skilling through Technology Centres

Training Programmes conducted through Technology Centres (Tool Rooms and Technology Development Centres (TDC))

The Ministry of MSME has set up 18 Tool Rooms & Technical Institutions, (Phase-I) from 1967 to 1999 to provide technological support to industries through design & manufacture of tools, precision components, moulds, dies etc. in sectors such as Forging & Foundry, Electronics, Electrical Measuring Instruments, Fragrance & Flavour, Glass, Footwear & Sport Goods, etc. Generally, these are called Technology Centres (TCs). Some TCs apart from extending design, development & manufacturing support for complex tools, parts and components to MSMEs have also supported strategic sectors such as defense, aerospace etc. toward their R&D requirements. TCs also serve the industry by providing consultancy services in tooling and related areas. These TCs have been set up as Autonomous Bodies (Government of India Societies) under the Ministry and work on self-sustainable basis for meeting their operating expenses.

(iii)2. These TCs are also conducting various training Programme including NSQF Compliance Courses, AICTE/NCVT/SCVT approved courses and variety of training courses as per needs of industry to provide them industry ready manpower & create Entrepreneurship. A total no. of 391 courses are being conducted by TCs which consisting 76 NSQF Compliance courses + 43 AICTE/SCVT/NCVT courses + 272 tailor made/short term courses which includes NSQF exempted 26 courses.

(iii)3. All courses are regularly updated to keep abreast with global technological advancements. The intake eligibility for the training programmes range from school dropout to M-Tech level. Various levels of courses, viz., certificate, diploma, advanced diploma in the areas of Certificate Course in Advance Machining, Machine Operations, 3D Animation & Special Effects, CNC Milling & Turning; Fitter, Welder, Turner, Diploma in Footwear Manufacturing & Design, Mechatronics; Production Engineering, Post Diploma in Tool Design & CAD/CAM, Structural Analysis and Project Management, Computer Aided Engineering; Post Graduate Diploma in Advanced Animation & Film Making, Mechanical Product Design Technology etc. offered by Technology Centres are well accepted by the industry in India and abroad for employment purposes. A number of passed out trainees have also established their own enterprises thereby contributing in the social and economic development of the country. The list of 391 courses is placed at **Annexure III (The list of 391 courses has 76 NSQF course + 43 AICTE/NCVT/SCVT courses + 272 Non-NSQF courses (include 26 NSQF exempted courses)**

Ministry is in the process of setting up of 15 new Technology Centres under Technology Centre Systems programme (TCSP). 5 of the Technology Centre which have been completed have also started conduction training programmes apart from assisting MSMEs through their technology support.

To enhance the outreach of network of Ministry's Technology Centres, a new Scheme, "Establishment of new Technology Centres/Extension Centres " is also being implemented. Under this 17 Extension Centres have also started conducting training programs.

(iv) Training Programme conducted by NiMSME

NiMSME, Hyderabad conducts various types of skill development programmes through funding from following scheme of the Ministry

i.ASPIRE

Training programmes are conducted on following LBIs

- a) BAKERY PLANT
- b) INJECTION MOULDING MACHINE
- c) AUTOMATIC BLOW MOLDING MACHINE
- d) PAPER NAPKIN MAKING PROJECT
- e) CARPENTRY PROJECT
- f) FASHION DESIGNING
- g) Triple Head Computerized Embroidery Machine
- h) AUTOMATIC WOOD SCREW MAKING PROJECT

ii. Assistance to training Institutions scheme: Training programme are also conducted through ATI scheme. List of ESDPs allotted under ATI scheme

iii. SC-ST Hub scheme The National SC/ST Hub has been set up to provide professional support to Scheduled Caste and Scheduled Tribe Entrepreneurs to fulfil the obligations under the Central Government Public Procurement Policy for Micro and Small Enterprises Order 2012, adopt applicable business practices and leverage the Stand-Up India initiative.

The Hub is being implemented by the Ministry of MSME, Govt. of India through National Small Industries Corporation (NSIC), a public-sector undertaking under the administrative control of this Ministry. The Hub supports existing SC/ST entrepreneurs and enterprises in technological upgradation and capacity building thereby enabling them to effectively participate in government. procurement process. This would involve active participation by CPSEs/Central Ministries, States, Industry Associations such as DICCI and others. Selected entrepreneurs would be provided with support and mentoring by industry experts, CPSEs, & incubators.

A list of various programmes conducted by NiMSME under various scheme is at Annexure –IV

(v) Training Programme conducted through NSIC

To help SC/ST entrepreneurs increase their capabilities, skill and enhance their participation in the public procurement, various skill and entrepreneurship development training programs are organized under National SC-ST Hub for existing and aspiring SC/ST entrepreneurs across the country through 40 different institutions. These include various Tool Rooms of Ministry of MSME, EDII-Ahmadabad, RSETIs, CIPET, Indian Institute of Packaging, IRMA, NTSCs etc. The primary objective of these training programs is to bridge the existing skill gap, increase the technical as well as managerial capabilities of the entrepreneurs and develop entrepreneurship among target beneficiaries. After successful completion of training programs, toolkits are also provided to the participants of these training programs.

The National SC ST Hub is set up to provide professional support to Scheduled Caste and Scheduled Tribe Entrepreneurs to fulfill the obligations under the Central Government Public Procurement Policy for Micro and Small Enterprises Order 2012, adopt applicable business practices and leverage the Stand-Up India initiatives.

The above scheme is being implemented by National Small Industries Corporation (NSIC), a CPSE under the Ministry of MSME.

NSIC also offers Incubation Training Programme through its Incubation Training Centres to create self-employment opportunity by imparting training in entrepreneurship building to the unemployed people who want to set up new small business enterprises in any of the manufacturing / services sectors or seek employment opportunities.

Further, NSIC Incubation centres provide an opportunity to first generation entrepreneurs to gain exposure in all the areas of business operation such as business skill development, identification of appropriate technology, project/product development, hands on experience on working projects, opportunity guidance including commercial aspect of business under the one roof.

The details of the training programmes conducted by NSIC are provided at annexure V.

(vi) Training Programme conducted through MGIRI:

MGIRI conducts Trainings (EDP & SDP) in the field of Food, Herbal, Panchgavya, Agri-input, Chemical based household products, various crafts such as Pottery, Bellmetal/Dhokra craft, Iron craft, lacquer ware craft, wood craft, bamboo craft, etc, Garments & Fashion design, natural dyeing and printing, charkha spinning, LED Light assembling, etc.

List of training programmes conducted by MGIRI is attached at Annexure-VI.

Details of trainees trained under Ministry of MSME during last 8 years and current year as below:

Schemes or Implementing Agency	FY 2014-15	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23 UP TO Oct, 2022
	Total Trained	Total Trained	Total Trained	Total Trained	Total Trained	Total Trained	Total Trained	Total Trained	Total Trained
Tool Rooms (+TCS P)	165353	180349	149537	147033	208174	275361	134853	146526	102799
NSIC	21860	27455	31958	37459	41201	54624	29022	44273	22242
KVIC	94522	79286	93041	78841	81906	74938	81221	111597	10420
Ni-MSME	47136	31874	4051	2608	990	1740	2310	1830	2220
Coir Board	20648	6819	4779	2481	4153	4325	7145	4755	1473
Total	349519	325783	283366	268422	336424	410988	254551	308981	139154

Important programmes conducted through KVIC

Sr.No	Name of courses	Duration
1.	Textile Wet Processing	15 months
2.	Khadi Technology	9 months
3.	Khadi Weaving (Frame/Semi-automatic) Course	Six months
4.	Silk Reeling & Spinning	Three months
5.	Khadi Design Development	Two months
6.	Refresher course in Spinning & Weaving	Two months
7.	Dyeing & Printing Course	Two months
8.	Khadi Spinning (NMC) Course	One month
9.	Tailoring & Embroidery	Three months
10.	Cane & Bamboo	Three months
11.	Bamboo Article Making	One month
12.	Fruit & Vegetable Processing Courses	Two months
13.	Bakery Course	Two months
14.	Toilet & Laundry Soap making	Two months
15.	Village Oil Technician Course	Two months
16.	Terra Cotta Art Ware course	Two months
17.	Mobile Cell Phone Repairing	One month
18.	Confectionery and Sweet Making	One month
19.	Liquid Soap/Detergent Powder/Detergent Cake Making	One month
20.	Beautician Course	One month
21.	Computer Hardware and Networking	One month
22.	Spices and Masala Making	One month
23.	Cooking & Catering Course	One month
24.	Paper Conversion Course	One month
25.	Bee-keeping Certificate course	One month

- (vii) **Two week Entrepreneurship development Programmes are also conducted through various organization under the Prime Minister Employment Generation Programme (PMEGP)**

List of Skill Development Programmes conducted through organizations under Coir Board

Skill Training Programmes :-

1. Diploma Course in Coir Technology - one year duration - NSQF aligned
2. Certificate Course of Coir Artisan in Coir Technology -six months duration –NSQF aligned
3. Value Added Products Manufacturing Training (VAP)-2 months duration
4. Mahila Coir Yojana training (MCY)- 2 months duration -Women oriented training
5. Orientation/Incubation Training
6. Trainers' Training Programme

Other Skill Promotional Programmes:-

1. Entrepreneurship Development Programme (EDP)-to equip knowledge /information to take over entrepreneurship
2. Awareness Programme-to promote the schemes/services
3. Workshop-to understand the problems and to resolve them
4. Seminar-to expose the latest technology/development in coir sector for upgrading industry
5. Exposure Tour-for practical field knowledge of industry

Training programmes conducted through Technology Centres

The list of 391 courses (76 NSQF course + 43 AICTE/NCVT/SCVT courses + 272 Non-NSQF courses (include 26 NSQF exempted courses))

S. No	Name of Training Programme	Duration Period	NSQF LEVEL/Degree/Diploma Course/Certificate Course	Unique code of Course	Sector
1	POST GRADUATE DIPLOMA IN TOOL DESIGN & CAD CAM	2340 HRS	LEVEL 8	NSQF-001	Mechanical
2	POST GRADUATE DIPLOMA IN MECHATRONICS	2340 HRS	LEVEL 8	NSQF-002	Mechanical
3	AROMA PROCESS ASSISTANT	1500 HRS	LEVEL 4	NSQF-003	Fragrance & Flavour
4	CERTIFICATE COURSE IN ADVANCE MACHINING	1920 HRS	LEVEL 5	NSQF-004	Mechanical
5	POST DIPLOMA IN TOOL DESIGN & CAD/CAM	1560 HRS	LEVEL 6	NSQF-005	Mechanical
6	POST DIPLOMA IN MECHATRONICS	1560 HRS	LEVEL 6	NSQF-006	Mechanical
7	POST DIPLOMA IN TOOL & DIE MANUFACTURING	1560 HRS	LEVEL 6	NSQF-007	Mechanical
8	POST GRADUATE DIPLOMA IN ELECTRONICS PRODUCT DESIGN	2340 HOURS	LEVEL 8	NSQF-008	ESDM
9	POST DIPLOMA IN FOOTWEAR TECHNOLOGY	1560 HRS	LEVEL 6	NSQF-009	Footwear
10	POST DIPLOMA IN CAD/CAM	1560 HRS	LEVEL 6	NSQF-010	Mechanical
11	POST GRADUATE DIPLOMA IN VLSI & EMBEDDED SYSTEMS (PGDVES)	2340 HRS	LEVEL 8	NSQF-011	ESDM

12	POST GRADUATE DIPLOMA IN ADVANCED ANIMATION & FILM MAKING	2340 HRS	LEVEL 8	NSQF-012	Media & Entertainment
13	POST GRADUATE DIPLOMA IN FOOTWEAR TECHNOLOGY	2340 HRS	LEVEL 7	NSQF-013	Footwear
14	ADVANCE CERTIFICATE COURSE IN FOUNDRY TECHNOLOGY	2340 HRS	LEVEL 5	NSQF-014	Foundary
15	CERTIFICTE COURSE IN MACHINE OPERATIONS	1560 HRS	LEVEL 3	NSQF-015	Mechanical
16	ADVANCE CERTIFICATE COURSE IN POLYMER TECHNOLOGY	1560HRS	LEVEL 5	NSQF-016	Plastic
17	POST GRADUATE DIPLOMA IN MECHANICAL PRODUCT DESIGN TECHNOLOGY	2340 HRS	LEVEL 8	NSQF-017	Mechanical
18	ADVANCE CERTIFICATE COURSE IN MACHINE MAINTENANCE	1560 HRS	LEVEL 5	NSQF-018	Mechanical
19	POST DIPLOMA IN CNC MACHINE MAINTANANCE	1560 HRS	LEVEL 6	NSQF-019	Mechanical
20	POST DIPLOMA IN AROMA PROCESS & ITS MANAGEMENT	1560 HRS	LEVEL 6	NSQF-020	Fragrance & Flavour
21	POST DIPLOMA IN COMPUTER AIDED ENGINEERING	1560 HRS	LEVEL 6	NSQF-021	IT Based
22	POST DIPLOMA IN INDUSTRIAL AUTOMATION & ROBOTICS	1560 HOURS	LEVEL 6	NSQF-022	Robotics
23	ADVANCE CERTIFICATE COURSE IN TOOL DESIGN & CAD CAM	1560 HRS	LEVEL 5	NSQF-023	Mechanical
24	ADVANCE CERTIFICATE COURSE IN TOOL & DIE MANUFACTURING	1560 HRS	LEVEL 5	NSQF-024	Mechanical

25	ADVANCE CERTIFICATE COURSE IN CNC MACHINING	1560 HRS	LEVEL 5	NSQF-025	Mechanical
26	CERTIFICATE COURSE IN MACHINIST TOOL ROOM	3120 HRS	LEVEL 5	NSQF-026	Mechanical
27	POST DIPLOMA IN ADVANCED ANIMATION & FILM MAKING	1560 HRS	LEVEL 6	NSQF-027	Media & Entertainment
28	ADVANCE CERTIFICATE COURSE IN WELDING TECHNOLOGY	1560 HRS	LEVEL 5	NSQF-028	Mechanical
29	CERTIFICATE COURSE IN HEAT TREATMENT	3120 Hours	LEVEL 4	NSQF-029	Mechanical
30	CERTIFICATE COURSE IN CNC TURNING & MILLING	1560 HRS	LEVEL 4	NSQF-030	Mechanical
31	CONDENSED COURSE IN TOOL & DIE MAKING	1560 HRS	LEVEL 4	NSQF-031	Mechanical
32	DIPLOMA IN TOOL ENGINEERING	6156 HRS	LEVEL 5	NSQF-032	Mechanical
33	POST GRADUATION IN AEROSPACE MANUFACTURING	1560 HRS	LEVEL 8	NSQF-033	Aerospace
34	POST DILOMA IN PRODUCT DESIGN	1560 Hrs	LEVEL 6	NSQF-034	Mechanical
35	POST DIPLOMA IN STRUCTURAL ANALYSIS AND PROJECT MANAGEMENT	1560 Hrs	LEVEL 6	NSQF-035	Civil
36	CERTIFICATE COURSE IN AUTOMOBILE ASSEMBLY	1560 Hrs	LEVEL 4	NSQF-036	Automobile
37	ADVANCE CERTIFICATE IN FOOTWEAR DESIGN AND PRODUCT DEVELOPMENT	1560 Hrs	LEVEL 5	NSQF-037	Footwear
38	POST GRADUATE HIGHER DIPLOMA IN FOOTWEAR TECHNOLOGY & MANAGEMENT STUDIES	1560 Hrs	LEVEL 7	NSQF-038	Footwear

39	ADVANCE CERTIFICATE IN FOOTWEAR MANUFACTURING TECHNOLOGY	1560 Hrs	LEVEL 5	NSQF-039	Footwear
40	DIPLOMA IN FOOTWEAR MANUFACTURING & DESIGN	3120 Hrs	LEVEL 6	NSQF-040	Footwear
41	ELECTRONICS EQUIPMENT TECHNICIAN	1560 Hrs	LEVEL 4	NSQF-041	ESDM
42	ANALOG & DIGITAL INSTRUMENTATION TECHNICIAN	1560 Hrs	LEVEL 4	NSQF-042	ESDM
43	ELECTRICAL APPLIANCES TECHNICIAN	1560 Hrs	LEVEL 4	NSQF-043	ESDM
44	PCB DESIGN & MANUFACTURING	1560 Hrs	LEVEL 4	NSQF-044	ESDM
45	CERTIFICATE COURSE IN CRICKET BALL MANUFACTURING	600 HRS	LEVEL 4	NSQF-045	Sport Goods
46	CERTIFICATE COURSE IN 3D ANIMATION & SPECIAL EFFECTS	500 HRS	LEVEL 4	NSQF-046	Media & Entertainment
47	ADVANCED DIPLOMA IN CNC PROGRAMMING TECHNIQUES AND PRACTICES.	900 HRS	LEVEL 6	NSQF-047	IT Based
48	MASTER CERTIFICTE COURSE IN COMPUTER AIDED TOOL ENGINEERING	780 HRS	LEVEL 6	NSQF-048	IT Based
49	MASTER CERTIFICTE COURSE IN CAD CAM	780 HRS	LEVEL 6	NSQF-049	Mechanical
50	MASTER CERTIFICATE COURSE IN MECHATRONICS	780 HRS	LEVEL 6	NSQF-050	Mechanical
51	MASTER CERTIFICATE COURSE IN PRODUCT DESIGN	780 HRS	LEVEL 6	NSQF-051	Mechanical
52	MASTER CERTIFICATE COURSE IN CNC TECHNOLOGY	780 HRS	LEVEL 6	NSQF-052	Mechanical

53	MASTER CERTIFICATE COURSE IN TOOL DESIGN	780 HRS	LEVEL 6	NSQF-053	Mechanical
54	ADVANCE DIPLOMA IN MACHINE MAINTENANCE & AUTOMATION	780 HRS	LEVEL 6	NSQF-054	Mechanical
55	CERTIFICATE COURSE IN ELECTRICAL EQUIPMENT REPAIRING AND MAINTENANCE	780 HRS	LEVEL 6	NSQF-055	Electrical
56	ADVANCED DIPLOMA IN STRUCTURAL DESIGN AND ANALYSIS	780 HRS	LEVEL 6	NSQF-056	Civil
57	MASTER CERTIFICATE COURSE IN AUTOMATION AND PROCESS CONTROL	780 HRS	LEVEL 7	NSQF-057	Mechanical
58	ADVANCED DIPLOMA IN COMPUTER HARDWARE AND NETWORK MANAGEMENT	780 HRS	LEVEL 6	NSQF-058	IT Based
59	CERTIFICATE COURSE IN MACHINING	780 HRS	LEVEL 5	NSQF-059	Mechanical
60	CERTIFICATE COURSE IN CNC MILLING	780 HRS	LEVEL 4	NSQF-060	Mechanical
61	CERTIFICATE COURSE IN CNC TURNING	780 HRS	LEVEL 4	NSQF-061	Mechanical
62	ADVANCE CERTIFICATE COURSE IN INSPECTION & QUALITY CONTROL	780 HRS	LEVEL 5	NSQF-062	Mechanical
63	CERTIFICATE COURSE IN FOUNDRY TECHNOLOGY	780 Hrs	LEVEL 3	NSQF-063	Foundary
64	3D Animation (MAYA)	780 HRS	LEVEL 5	NSQF-064	Media & Entertainment
65	ADVANCED EMBEDDED TECHNOLOGY	780 HRS	LEVEL 6	NSQF-065	ESDM
66	CERTIFICATE COURSE IN FITTER AND RIGGER	780 HRS	LEVEL 3	NSQF-066	Mechanical

67	ADVANCE WEB DESIGNER AND ANIMATOR	780 Hrs	LEVEL 6	NSQF-067	IT Based
68	ANIMATION AND MULTIMEDIA TECHNOLOGY	780 Hrs	LEVEL 5	NSQF-068	Media & Entertainment
69	FILM COMPOSITOR & EDITOR	390 Hrs	LEVEL 5	NSQF-069	Media & Entertainment
70	GRAPHICS & WEB DESIGNER	390Hrs	LEVEL 5	NSQF-070	Media & Entertainment
71	CERTIFICATE COURSE IN CRICKET BAT MANUFACTURING	300 Hrs	LEVEL 4	NSQF-071	Sport Goods
72	CERTIFICATE IN FOOTWEAR DESIGN AND PRODUCTION	780 Hrs	LEVEL 4	NSQF-072	Footwear
73	ARISE AUDIO VIDEO	460 Hrs	LEVEL 5	NSQF-073	ESDM
74	ARISE HAND HELD PRODUCTS	460 Hrs	LEVEL 5	NSQF-074	ESDM
75	ARISE ROOM AIR CONDITIONER & HOME APPLIANCES (RACHA)	610 Hrs	LEVEL 5	NSQF-075	ESDM
76	CISCO CERTIFIED NETWORK ASSOCIATE	520 Hrs	LEVEL 6	NSQF-076	IT Based
77	ME- Tool & Die Making	2340hrs	Degree Course	DGT-077	Mechanical
78	ME- CAD/CAM	2 Years	Degree Course	DGT-078	Mechanical
79	ME-Design for Manufacturing	2 Years	Degree Course	DGT-079	Mechanical
80	Mtech- Mechatronics	2 Years	Degree Course	DGT-080	Mechanical
81	M.E. Tool Design	2 Years	Degree Course	DGT-081	Mechanical
82	Post Diploma Tool & Die Making	2 Years	Diploma Course	DGT-082	Mechanical
83	Diploma in Production Engineering	3 Years	Diploma Course	DGT-083	Mechanical
84	Diploma in Tool & Die Making	4 Years	Diploma Course	DGT-084	Mechanical
85	Advance Diploma in Tool & Die Making	7480 hrs	Diploma Course	DGT-085	Mechanical
86	Diploma in Mechatronics	6912 hrs	Diploma Course	DGT-086	Mechanical
87	DOEAC- O Level	500 hrs	Diploma Course	DGT-087	IT Based
88	DOEAC- A Level	1500 hrs	Diploma Course	DGT-088	IT Based
89	Diploma in Vocation (Production Technology)	3 Years	Diploma Course	DGT-089	Mechanical
90	Diploma in 3D Animation & Graphics	3 Years	Diploma Course	DGT-090	Media & Entertainment

91	Diploma in Robotics & Mechatronics	3 Years	Diploma Course	DGT-091	Robotics
92	Diploma in Computer Science	3 Years	Diploma Course	DGT-092	IT Based
93	Diploma in Electronics & Communication Engineering	3 Years	Diploma Course	DGT-093	ESDM
94	Diploma in Automation & Robotics Engineering	3 Years	Diploma Course	DGT-094	Robotics
95	Post Diploma in Tool Design	1 Year	Diploma Course	DGT-095	Mechanical
96	Electrician	4160	Certificate Course	DGT-096	Electrical
97	Machinist	4160	Certificate Course	DGT-097	Mechanical
98	Turner	3920	Certificate Course	DGT-098	Mechanical
99	Welder	2600	Certificate Course	DGT-099	Mechanical
100	Compressed Machinist	4160	Certificate Course	DGT-100	Mechanical
101	ITI Tool & Die Making	3920	Certificate Course	DGT-101	Mechanical
102	ITI Computer Hardware & Networking	1960	Certificate Course	DGT-102	IT Based
103	COPA	2080	Certificate Course	DGT-103	IT Based
104	Fitter	4160	Certificate Course	DGT-104	Mechanical
105	Draftsman	4160	Certificate Course	DGT-105	Mechanical
106	Industrial Training (Mech/Elec)	780 hrs	Certificate Course	DGT-106	Mechanical
107	Certificate Course in Tool Room Machinest	3740 hrs	Certificate Course	DGT-107	Mechanical
108	Certificate Course in Machinist	3865 hrs	Certificate Course	DGT-108	Mechanical
109	Stitching Operator (Footwear)	120 hrs	Certificate Course	DGT-109	Footwear
110	Stitcher(Goods & Garments)	120 hrs	Certificate Course	DGT-110	Footwear
111	Cutter (Footwear)	120 hrs	Certificate Course	DGT-111	Footwear
112	Cutter (Goods & Garments)	120 hrs	Certificate Course	DGT-112	Footwear
113	Pre Assembly Operator (Footwear)	120 hrs	Certificate Course	DGT-113	Footwear
114	Skiving Operator (Footwear)	120 hrs	Certificate Course	DGT-114	Footwear
115	Lasting Operator	120 hrs	Certificate Course	DGT-115	Footwear
116	Helper Upper Making (Footwear)	120 hrs	Certificate Course	DGT-116	Footwear
117	Helper Finishing (Footwear)	120 hrs	Certificate Course	DGT-117	Footwear
118	Helper Finishing operations (Leather Goods & Garments)	120 hrs	Certificate Course	DGT-118	Footwear

119	Helper – Parts Making (Leather Goods & Garments)	120 hrs	Certificate Course	DGT-119	Footwear
120	Advance certificate course in Software application	780 hours	Certificate Course	OT-120	IT Based
121	SAP Business ONE	96 hours	Certificate Course	OT-121	IT Based
122	Internet Of Things	48 hours	Certificate Course	OT-122	IT Based
123	Electrical Machine Lab Practice	48 hours	Certificate Course	OT-123	Electrical
124	Electronics Machine Lab Practice	48 hours	Certificate Course	OT-124	ESDM
125	C, C++ Programming	96 hours	Certificate Course	OT-125	IT Based
126	Entrepreneurship Development Program (EDP)	01 weeks	Certificate Course	OT-126	EDP/MDP
127	Personality Development & Communication skill	30 hours	Certificate Course	OT-127	EDP/MDP
128	MATLAB	02 weeks	Certificate Course	OT-128	IT Based
129	3DS Max	02 weeks	Certificate Course	OT-129	IT Based
130	STAADPRO	02 weeks	Certificate Course	OT-130	IT Based
131	REVIT Architecture	02 weeks	Certificate	OT-131	IT Based
132	PLC Programming	02 weeks	Certificate	OT-132	IT Based
133	SCADA	2 weeks	Certificate Course	OT-133	IT Based
134	Electrical CAD	2 weeks	Certificate	OT-134	IT Based
135	3D Printing	2 weeks	Certificate	OT-135	IT Based
136	JAVA	2 weeks	Certificate	OT-136	IT Based
137	Computer Hardware & Networking	2 weeks	Certificate	OT-137	IT Based
138	Certificate Course on MS Office	90 hours	Certificate Course	OT-138	IT Based
139	CERTIFICATE COURSE ON ADVANCE WELDING	12 Months	Certificate	OT-139	Mechanical
140	Plant & CNC Machine Maintenance	780hrs	Certificate Course	OT-140	Mechanical
141	AutoCAD- Civil	56 hrs	Certificate Course	OT-141	Mechanical
142	Workshop Practice	48 hrs.	Certificate Course	OT-142	Mechanical
143	Improvement of Restaurant Service	12 hrs.	Certificate Course	OT-143	Tourism & Hospitality
144	Basic Computer Application	96 hrs.	Certificate Course	OT-144	IT Based
145	Occupational Health & Safety	8 hrs.	Certificate Course	OT-145	Occupational safety
146	Civil Surveying using Total Station	72 hrs	Certificate Course	OT-146	Civil

147	Advance Pneumatics	72 hrs	Certificate Course	OT-147	Mechanical
148	Automation with Pneumatics using PLC	96 hrs.	Certificate Course	OT-148	Mechanical
149	BASIC MECHATRONICS	96 hrs.	Certificate Course	OT-149	Mechanical
150	Basic Pneumatics	96 hrs.	Certificate Course	OT-150	Mechanical
151	Embedded In Robotics And Automation	96 hrs.	Certificate Course	OT-151	Robotics
152	CNC Machining (Wire-cut)	96 hrs.	Certificate Course	OT-152	Mechanical
153	Certificate Course In Tool Design	780 hrs	Certificate Course	OT-153	Mechanical
154	Certificate Course In Embeded System & VLSI Design	780 hrs	Certificate Course	OT-154	ESDM
155	Certificate Course In CAD/CAM	780 hrs	Certificate Course	OT-155	Mechanical
156	Entrepreneurship Development Program on Solar Energy	16 hrs	Certificate Course	OT-156	Solar
157	Certificate Course in Machine Maintenance & Welding Operations	1560 hrs	Certificate Course	OT-157	Mechanical
158	EPLAN	96 hrs.	Certificate Course	OT-158	IT Based
159	Basic Hydraulics	24 hrs	Certificate Course	OT-159	Mechanical
160	Electro Hydraulics	24 hrs	Certificate Course	OT-160	Mechanical
161	AutoCAD	02 weeks	Certificate Course	OT-161	iT Based
162	Solidworks	02 weeks	Certificate Course	OT-162	iT Based
163	Unigraphics	2 weeks	Certificate Course	OT-163	iT Based
164	CATIA	2 weeks	Certificate Course	OT-164	iT Based
165	CREO Parametric	2 weeks	Certificate Course	OT-165	iT Based
166	Ansys	2 weeks	Certificate Course	OT-166	iT Based
167	Hypermesh	2 weeks	Certificate Course	OT-167	iT Based
168	CNC Programming on Lathe	2 weeks	Certificate Course	OT-168	Mechanical
169	CNC Machining on Lathe	2 weeks	Certificate Course	OT-169	Mechanical
170	CNC Programming on Milling	2 weeks	Certificate Course	OT-170	Mechanical
171	CNC Machining on Milling	2 weeks	Certificate Course	OT-171	Mechanical
172	Delcam	2 weeks	Certificate Course	OT-172	IT Based
173	MasterCAM	2 weeks	Certificate Course	OT-173	IT Based
174	BASIC INDUSTRIAL ELECTRICAL MAINTENANCE	48 hrs.	Certificate Course	OT-174	Electrical

175	ADVANCE INDUSTRIAL ELECTRICAL MAINTENANCE	96 hrs.	Certificate Course	OT-175	Electrical
176	Heat Treatment	24 hrs.	Certificate Course	OT-176	Mechanical
177	ADVANCED CAD/CAM & CNC Machines	4 Months	Certificate Course	OT-177	Mechanical
178	Fundamentals of computer application	120hrs	Certificate Course	OT-178	IT Based
179	Basics of Computer Concepts & Internet	04 Months	Certificate Course	OT-179	IT Based
180	ADVANCED MECHANICAL CAD/CAM	4 Months	Certificate Course	OT-180	Mechanical
181	MECHANICAL CAD/CAM	4 Months	Certificate Course	OT-181	Mechanical
182	ADVANCED CAM	3 Months	Certificate Course	OT-182	Mechanical
183	ADVANCED CAD CAM	3 Months	Certificate Course	OT-183	Mechanical
184	COMPUTER AIDED ENGINEERING (CAE)	3 Months	Certificate Course	OT-184	Mechanical
185	MECHANICAL CADD	3 Months	Certificate Course	OT-185	Mechanical
186	ADVANCED CAE	3 Months	Certificate Course	OT-186	IT Based
187	INTEGRATED PRO-E	3 Months	Certificate Course	OT-187	IT Based
188	INTEGRATED CATIA	3 Months	Certificate Course	OT-188	IT Based
189	INTEGRATED ANSYS	3 Months	Certificate Course	OT-189	IT Based
190	INTEGRATED HYPERMESH	3 Months	Certificate Course	OT-190	IT Based
191	ADVANCED CNC PROGRAMMING WITH MASTERCAM SOFTWARE	3 Months	Certificate Course	OT-191	IT Based
192	A COURSE ON PIPE DESIGNING USING NX / UNIGRAPHICS	2 Months	Certificate Course	OT-192	IT Based
193	MSC NASTRAN & PATRAN	1 Month	Certificate Course	OT-193	IT Based
194	WELDING SIMULATOR FOR TIG MIG ARC WELDING	1 Month	Certificate Course	OT-194	Mechanical
195	ADVANCED DIGITAL DESIGN	3 Months	Certificate Course	OT-195	ESDM
196	VERILOG	1 Month	Certificate Course	OT-196	IT Based
197	VHDL	1 Month	Certificate Course	OT-197	IT Based
198	HDL SIMULATION	01 Month	Certificate Course	OT-198	IT Based
199	DIGITAL DESIGN IN VLSI	3 Months	Certificate Course	OT-199	ESDM

200	ANALOG INTEGRATED DESIGN	4 Months	Certificate Course	OT-200	ESDM
201	INDUSTRIAL ROBOTICS	2 Months	Certificate Course	OT-201	Robotics
202	PYTHON PROGRAMMING	2 Months	Certificate Course	OT-202	IT Based
203	IC PHYSICAL DESIGN	1 Month	Certificate Course	OT-203	ESDM
204	STD.CELL DESIGN	1 Month	Certificate Course	OT-204	ESDM
205	HDL SYNTHESIS	1 Month	Certificate Course	OT-205	IT Based
206	Advanced Diploma in Automation and Control	260 hrs	Certificate Course	OT-206	Mechanical
207	Graphic Designing	260 hrs	Certificate Course	OT-207	IT Based
208	2D Animation	260 hrs	Certificate Course	OT-208	Media & Entertainment
209	Dekstop Publishing	260 hrs	Certificate Course	OT-209	iT Based
210	Web Designing & Developing	260 hrs	Certificate Course	OT-210	iT Based
211	Corel Draw	130 hrs	Certificate Course	OT-211	iT Based
212	Photoshop	130 hrs	Certificate Course	OT-212	iT Based
213	Electrical Gadget Repair	260 hrs	Certificate Course	OT-213	Electrical
214	Automation in Electrical	130 hrs	Certificate Course	OT-214	ESDM
215	Automation in Electronics	130 hrs	Certificate Course	OT-215	ESDM
216	Advanced PLC	130 hrs	Certificate Course	OT-216	ESDM
217	Process Automation & Control	130 hrs	Certificate Course	OT-217	Mechanical
218	Electrical Wireman	260 hrs	Certificate Course	OT-218	Electrical
219	Video compositing & VFX	260 hrs	Certificate Course	OT-219	Media & Entertainment
220	Advanced Excel	130 hrs	Certificate Course	OT-220	IT Based
221	Embedded Systems	02 weeks	Certificate Course	OT-221	ESDM
222	VLSI	02 weeks	Certificate Course	OT-222	ESDM
223	Microcontroller Programming	02 weeks	Certificate Course	OT-223	IT Based
224	Repair & Maintenance of Telecom Equipment	96 Hours	Certificate Course	OT-224	ESDM
225	PCB Design & Manufacturing	96 Hours	Certificate Course	OT-225	ESDM
226	Small Transformer Manufacturing & Voltage Stabilizer Assembly	96 Hours	Certificate Course	OT-226	Electrical
227	Microprocessor Programming 8085	96 Hours	Certificate Course	OT-227	IT Based
228	Project Management	32 hrs	Certificate Course	OT-228	Mechanical
229	Six Sigma Green Belt	32 hrs	Certificate Course	OT-229	Mechanical
230	Six Sigma Yerllow Belt	8 hrs.	Certificate Course	OT-230	Mechanical
231	Six Sigma Black Belt	64 hrs	Certificate Course	OT-231	Mechanical

232	Digital Marketing	01 week	Certificate Course	OT-232	Marketing
233	Supply Chain Management	32 hrs	Certificate Course	OT-233	Marketing
234	Solar PV System	16 hrs	Certificate Course	OT-234	Solar
235	Gold Appraisal	16 hrs	Certificate Course	OT-235	Jewellery
236	Gold Jewellery Valuation	32 hrs	Certificate Course	OT-236	Jewellery
237	Internal Quality Auditor	32 hrs	Certificate Course	OT-237	Quality Systems
238	BIG Data	32 hrs	Certificate Course	OT-238	IT Based
239	HR Analytics	16 hrs	Certificate Course	OT-239	IT Based
240	Export Import	16 hrs	Certificate Course	OT-240	Marketing
241	CCTV Installation	32 hrs	Certificate Course	OT-241	ESDM
242	Android Developemt	32 hrs	Certificate Course	OT-242	ESDM
243	Tally Accounting	100 hrs	Certificate Course	OT-243	IT Based
244	Start Your Business	32 hrs	Certificate Course	OT-244	Marketing
245	Casting Simulation	48 hrs.	Certificate Course	OT-245	Mechanical
246	Draftsman	100 hrs	Certificate Course	OT-246	Mechanical
247	FIELD TECHNICIAN – COMPUTING AND PERIPHERALS(FTCP)	03 months	Certificate Course	OT-247	IT Based
248	Self Employed Tailor (PMKVY)	380 hrs	Certificate Course	OT-248	Apparel
249	BRIDAL MAKE - UP ARTIST	380 hrs	Certificate Course	OT-249	Beauty & Wellness
250	Furnace Operator	2.5 Months	Certificate Course	OT-250	Mechanical
251	Chemical and Physical Lab testing	06 weeks	Certificate Course	OT-251	Mechanical
252	Fireman	02 Months	Certificate Course	OT-252	Fire & Safety
253	Domestic Data Entry Operator	04 Months	Certificate Course	OT-253	IT Based
254	Glass Painter Decorater	02 months	Certificate Course	OT-254	Glass & Ceremic
255	Production of fragrant raw materials and it's value addition	1 weeks	Certificate Course	OT-255	Fragrance & Flavour
256	Quality assessment of essential oils / aroma chemicals using modern instrumental techniques Level 1	1 weeks	Certificate Course	OT-256	Fragrance & Flavour
257	QUALITY ASSESSMENT OF ESSENTIAL OILS/AROMA CHEMICALS LEVEL-2	1 weeks	Certificate Course	OT-257	Fragrance & Flavour

258	FRAGRANCE & FLAVOUR CREATION AND ITS APPLICATION LEVEL -1	1 weeks	Certificate Course	OT-258	Fragrance & Flavour
259	FRAGRANCE & FLAVOUR CREATION AND ITS APPLICATION LEVEL -2	1 weeks	Certificate Course	OT-259	Fragrance & Flavour
260	COMPREHENSIVE TRAINING PROGRAMME COVERING ALL ASPECTS OF ESSENTIAL OIL, FRAGRANCE & FLAVOUR INDUSTRY	2 weeks	Certificate Course	OT-260	Fragrance & Flavour
261	COMMERCIAL CULTIVATION OF AROMATIC CROPS ITS PROCESSING AND MARKETING LEVEL-1	1 weeks	Certificate Course	OT-261	Fragrance & Flavour
262	COMMERCIAL CULTIVATION OF AROMATIC CROPS ITS PROCESSING AND MARKETING LEVEL-2	1 weeks	Certificate Course	OT-262	Fragrance & Flavour
263	TRAINING CUM WORKSHOP ON ESSENTIAL OIL, PERFUMERY AND AROMA THERAPY	1 weeks	Certificate Course	OT-263	Fragrance & Flavour
264	AGARBATTI, DHOOPBATTI, HAVANSAMGARI & PERFUMERY	1 weeks	Certificate Course	OT-264	Fragrance & Flavour
265	SUMMER TRAINING PROGRAMME ON ESSENTIAL OIL, FRAGRANCE & FLAVOUR	4 weeks	Certificate Course	OT-265	Fragrance & Flavour
266	PRODUCTION OF FRAGRANT RAW MATERIALS AND FRAGRANCE AND FLAVOUR CREATION	2 weeks	Certificate Course	OT-266	Fragrance & Flavour

267	AROMA & HERBAL PRODUCTS	1 weeks	Certificate Course	OT-267	Fragrance & Flavour
268	HERBAL INSECT REPELLENT, FLOOR CLEANER & PERFUMERY	1 weeks	Certificate Course	OT-268	Fragrance & Flavour
269	ENTREPRENEURSHIP & SKILL DEVELOPMENT PROGRAMME ON HERBAL COSMETICS & PERFUMERY	2 weeks	Certificate Course	OT-269	Fragrance & Flavour
270	ONE DAY FARMER AWARENESS PROGRAMME	1 day	Certificate Course	OT-270	Fragrance & Flavour
271	ONE YEAR TECHNOLOGY DEVELOPMENT PROGRAMME IN AROMA & IT'S MANAGEMENT	1 year	Certificate Course	OT-271	Fragrance & Flavour
272	SIX MONTH DIPLOMA IN AROMA-TECHNOLOGY	6 months	Certificate Course	OT-272	Fragrance & Flavour
273	TRAINING CUM PROJECT WORK ON CHEMICAL TECHNOLOGY	1 month	Certificate Course	OT-273	Fragrance & Flavour
274	TRAINING CUM PROJECT WORK ON TISSUE CULTURE & BIOTECHNOLOGY.	1 month	Certificate Course	OT-274	Biotechnology
275	Shoe Finishing	0.5 weeks	Certificate Course	OT-275	Footwear
276	Sole Attachment (5 different types of materials- PVC, TPR, PU, EVA, MCR)	0.5 weeks	Certificate Course	OT-276	Footwear
277	Cement lasting	0.5 weeks	Certificate Course	OT-277	Footwear
278	Moccasin Stitching	0.5 weeks	Certificate Course	OT-278	Footwear
279	Design and pattern cutting	03 weeks	Certificate Course	OT-279	Footwear
280	Sample Making	03 weeks	Certificate Course	OT-280	Footwear
281	Shoe Upper Stitching	03 weeks	Certificate Course	OT-281	Footwear
282	Shoe Construction (Lasting and Making)	03 weeks	Certificate Course	OT-282	Footwear
283	Leather Goods Making	03 weeks	Certificate Course	OT-283	Footwear
284	Chappal and Sandal making	03 weeks	Certificate Course	OT-284	Footwear

285	Skill Up gradation Training “footwear Designing and manufacturing Technology”	03 months	Certificate Course	OT-285	Footwear
286	Skill and Entrepreneurship Training on Footwear Manufacturing (Residential/staipand)	04 months	Certificate Course	OT-286	Footwear
287	Certificate in Shoe CAD	05 weeks	Certificate Course	OT-287	Footwear
288	Costing	24 hours	Certificate Course	OT-288	Footwear
289	Footwear Retailing & Merchandising	24 hours	Certificate Course	OT-289	Footwear
290	Advance Excel	0.5 weeks	Certificate Course	OT-290	IT Based
291	Advance Statistics	0.8 weeks	Certificate Course	OT-291	IT Based
292	Artificial Intelligence	0.8 weeks	Certificate Course	OT-292	IT Based
293	Auto Electrician	0.5 weeks	Certificate Course	OT-293	Electrical
294	AWS Cloud Computing	0.8 weeks	Certificate Course	OT-294	IT Based
295	Beautician	1 week	Certificate Course	OT-295	Beauty & Welness
296	Big Data Analytics using Hadoop	0.8 weeks	Certificate Course	OT-296	IT Based
297	Cell phone services	0.5 weeks	Certificate Course	OT-297	ESDM
298	Cyber Security	01 weeks	Certificate Course	OT-298	IT Based
299	Data Analytics	0.8 weeks	Certificate Course	OT-299	IT Based
300	Data Science	0.8 weeks	Certificate Course	OT-300	IT Based
301	DevOps Certification	0.8 weeks	Certificate Course	OT-301	IT Based
302	Ethical Hacking	0.8 weeks	Certificate Course	OT-302	IT Based
303	Export & Import	0.8 weeks	Certificate Course	OT-303	Marketing
304	Footwear Designing Using 3D	1 week	Certificate Course	OT-304	Footwear
305	Gold Appraiser	1 week	Certificate Course	OT-305	Jewellery
306	GST Practitioner	0.5 weeks	Certificate Course	OT-306	IT Based
307	HR -Statutory Compliances	0.5 weeks	Certificate Course	OT-307	IT Based
308	HR-Analytics	0.8 week	Certificate Course	OT-308	IT Based
309	Income Tax-TDS	0.5 weeks	Certificate Course	OT-309	IT Based
310	Industrial & Fire Safety	0.8 week	Certificate Course	OT-310	Fire & Safety
311	IoT (Internet of Things)	0.8 week	Certificate Course	OT-311	IT Based
312	Laptop Services	01 weeks	Certificate Course	OT-312	IT Based
313	Lean Six Sigma	0.8 week	Certificate Course	OT-313	Mechanical
314	LED & LCD TV Services	01 weeks	Certificate Course	OT-314	ESDM
315	Mobile Application Development	0.8 week	Certificate Course	OT-315	IT Based
316	Robotic Automation Process	0.8 week	Certificate Course	OT-316	Robotics
317	Safety Audit Training	0.5 week	Certificate Course	OT-317	Fire & Safety

318	Solar Power Installation	01 weeks	Certificate Course	OT-318	Solar
319	Supervisory Skill Training	01 weeks	Certificate Course	OT-319	EDP/MDP
320	Under Ground Construction	1 week	Certificate Course	OT-320	Civil
321	Tally ERP with GST	1 week	Certificate Course	OT-321	IT Based
322	ONLINE COURSE ON NEW PRODUCT DEVELOPMENT	3 weeks	Certificate Course	OT-322	Mechanical
323	ONLINE COURSE ON ANGULAR FRAMEWORK	2 weeks	Certificate Course	OT-323	Mechanical
324	ONLINE COURSE ON FIXTURE DESIGN	4 weeks	Certificate Course	OT-324	Mechanical
325	COMPUTATIONAL FLUID DYNAMICS	2 weeks	Certificate Course	OT-325	Mechanical
326	TRAINING OF TRAINERS	2 weeks	Certificate Course	OT-326	IT Based
327	SURVEY & MATERIAL TESTING LAB	2 weeks	Certificate Course	OT-327	Mechanical
328	DTH SET TOP BOX INSTALLATION SERVICE TECHNICIAN	2 weeks	Level 4	NSQF-328	ESDM
329	MOBILE PHONE HARDWARE REPAIR TECHNICIAN	2 weeks	Level 4	NSQF-329	ESDM
330	AGRICULTURE MACHINERY REPAIR AND MAINTENANCE SERVICE PROVIDER	2 weeks	Level 5	NSQF-330	Agriculture
331	SERVICE AND MAINTENANCE TECHNICIAN (FARM MACHINERY)	2 weeks	Level 4	NSQF-331	Agriculture
332	SOLAR PUMP TECHNICIAN	2 weeks	Level 4	NSQF-332	Solar
333	SOLAR PV PROJECT HELPER	2 weeks	Level 4	NSQF-333	Solar
334	SOLAR LIGHTING TECHNICIAN	2 weeks	Level 4	NSQF-334	Solar
335	IRON & STEEL – UTILITY HAND-PLANT OPERATIONS	1 Month	Level 1	NSQF-335	Mechanical
336	FITTER : HYDRAULIC & PNEUMATIC SYSTEM	2 Months	Level 4	NSQF-336	Mechanical

337	FITTER : LEVELLING, ALIGNMENT, BALANCING	2 Months	Level 3	NSQF-337	Mechanical
338	BEARING MAINTENANCE	2 Months	Level 3	NSQF-338	Mechanical
339	RIGGER: RIGGING OF HEAVY MATERIAL	1 Month	Level 3	NSQF-339	Mechanical
340	IRON & STEEL – MACHINIST	2 Months	Level 3	NSQF-340	Mechanical
341	IRON & STEEL – PLASMA CUTTER – MANUAL	1.5 Months	Level 4	NSQF-341	Mechanical
342	IRON & STEEL – TUNGSTEN INERT GAS WELDER (GTAW)	2 Months	Level 4	NSQF-342	Mechanical
343	IRON & STEEL – FITTER ELECTRICAL ASSEMBLY	1.5 Months	Level 3	NSQF-343	Mechanical
344	CNC PROGRAMMER	3.5 Months	Level 4	NSQF-344	IT Based
345	SOLAR PV INSTALLER	3.5 Months	Level 4	NSQF-345	solar
346	TOOL AND DIE MAKER	6.5 Months	Level 5	NSQF-346	Mechanical
347	ARCHITECTURE & CIVIL 2D DRAFTING	5.5 Months	Level 3	NSQF-347	Civil
348	TURNING & MILLING	8.5 Months	Level 3	NSQF-348	Mechanical
349	CNC OPERATOR / MACHINING TECHNICIAN	5 Months	Level 3	NSQF-349	Mechanical
350	FIELD ENGINEER (RACW)	9 weeks	Level 5	NSQF-350	Mechanical
351	CNC OPERATOR (TURNING)	10 weeks	Level 3	NSQF-351	Mechanical
352	Aerospace Precision Mechanical Assembly Fitter	160 Hrs	NSQF Level-3	NSQF-352	Aerospace
353	Aerospace Sheet Metal Technician	200 Hrs	NSQF Level-3	NSQF-353	Aerospace
354	Aerospace Jigs and Fixture Technician	200 Hrs	NSQF Level-4	NSQF-354	Aerospace
355	Aerospace Plastics Forming Technician	240 Hrs	NSQF Level-4	NSQF-355	Aerospace
356	<i>Domestic Cum Industrial Electrician</i>	1-Year	NSQF Level-4	NSQF-356	Electrical
357	<i>Optical Fiber Splicer (DDU GKY)</i>	5 Months	NSQF Level-4	NSQF-357	ESDM
358	Basic Welding	30 Days	Certificate Course	OT-358	Mechanical
359	Carpentry	35 Days	Certificate Course	OT-359	Carpentry

360	Electric Motor Rewinding & Repair Services	30 Days	Certificate Course	OT-360	Electrical
361	Industry 4.0	96 Hrs	Certificate Course	OT-361	Robotics
362	Sensors & Transducers	96 Hrs	Certificate Course	OT-362	ESDM
363	Electric Vehicle	3 months	Certificate Course	OT-363	Electrical
364	Plastic Processing Technique & Mould Making	1 Month	Certificate Course	OT-364	Plastic
365	Arc Welding & Gas Welding Techniques	1 Month	Certificate Course	OT-365	Mechanical
366	Fire & Safety Engg.	01 Year	Certificate Course	OT-366	Fire & Safety
367	Occupational Safety Health & Environment Management System	01 Year	Certificate Course	OT-367	Occupational safety
368	PRODUCT DESIGN AND ANALYSIS	3 MONTHS	CERTIFICATE COURSE	OT-368	Mechanical
369	PRODUCT DESIGN AND MANUFACTURING	3 MONTHS	CERTIFICATE COURSE	OT-369	Mechanical
370	DESIGN AND MANUFACTURING OF MOULDS	3 MONTHS	CERTIFICATE COURSE	OT-370	Mechanical
371	DESIGN AND ANALYSIS OF SHEET METAL FORMING TOOLS	3 MONTHS	CERTIFICATE COURSE	OT-371	Mechanical
372	DESIGN AND ANALYSIS OF JIGS AND FIXTURES	3 MONTHS	CERTIFICATE COURSE	OT-372	Mechanical
373	GD&T (Geometrical Dimensioning & Tolerancing)	1 MONTH	CERTIFICATE COURSE	OT-373	Mechanical
374	DESIGN OF PRESS TOOLS	1 MONTH	CERTIFICATE COURSE	OT-374	Mechanical
375	RTL DESIGN USING VERILOG HDL	1 MONTH	CERTIFICATE COURSE	OT-375	ESDM
376	RTL VERIFICATION USING VERILOG	1 MONTH	CERTIFICATE COURSE	OT-376	ESDM
377	Fragrance creation and its application Level - 3	One Week (5 Days)	Certificate Course	OT-377	Fragrance & Flavour
378	Start and Improve Your Business (SIYB)	One Month (30 Days)	Certificate Course	OT-378	Marketing
379	Optimizing Footwear Manufacturing Cost by Improving Productivity & Quality	8 days	Certificate Course	OT-379	Footwear
380	Chemical products making	6 days	Certificate Course	OT-380	Chemical

381	Certified Assessment Center Analyst	16 days	Certificate Course	OT-381	IT Based
382	Sustaining Competitive and Responsible Entreprises (SCORE) Programme	5 weeks	Certificate Course	OT-382	EDP/MDP
383	<i>Electro Pneumatics</i>	1-Week	Certificate Course	OT-383	Mechanical
384	<i>Drone Technology & Application</i>	4-Week	Certificate Course	OT-384	ESDM
385	DCAP (Diploma in Computer Application & Programming)	One year	Certificate Course	OT-385	IT Based
386	Workshop /Webinar	1 day	Certificate Course	OT-386	EDP/MDP
387	Entrepreneuship Skill Development Program (ESDP)	30 Days	Certificate Course	OT-387	EDP/MDP
388	Entrepreneuship Awareness Program (EAP)	10 Days	Certificate Course	OT-388	EDP/MDP
389	Industrial Motivational Campaign (IMC)	1 Day	Certificate Course	OT-389	EDP/MDP
390	Management Development Program (MDP)	5 Days	Certificate Course	OT-390	EDP/MDP
391	Short Term Courses in Software/ Hardware/ Networking/ Programming/ HR/ Finance/ Trading/ Real Estate/ Food Industry/ Leather/Fragrance /Any other relvant field	upto 3 Month	Certificate Course	OT-391	EDP/MDP

Training Programmes conducted by NiMSME under ATI scheme

Details of ESDPs sanctioned FY 2020-21

S.No.	Trade	No. of hours	Name of programme (Module Name)	No. of Programmes
(A) Online Mode				
1	IT-ITeS Sector Skill Council	400	Junior Software Developer, (SSC/Q0508)	7
2	IT-ITeS Sector Skill Council	400	Cloud Engineer, (SSC/Q13031)	5
3	IT-ITeS Sector Skill Council	400	Engineer-Technical Support (Level - 1) (Linux Administrator), (SSC/Q0101)	5
4	IT-ITeS Sector Skill Council	400	Web Developer, (SSC/Q0503)	5
5	IT-ITeS Sector Skill Council	400	Domestic Data Entry Operator, (SSC/Q2212)	7
6	Banking & Financial Sector Skill Council	120	Accounts Executive (Payroll) (BSC/Q1201)	25
7	Management & Entrepreneurship and Professional Skills Council	250	Multifunctional Administrative Executive, (MEP/Q0205)	10
Sub- Total (A)				64
(B) Offline Mode				
8	Media & Entertainment Skill Council	280	Animator, (MES/Q0701)	5
9	Media & Entertainment Skill Council	280	VFX Editor, (MES/Q3501)	2
10	Food Industry Capacity & Skill Initiative	240	Baking Technician, (FIC/Q5005)	4
11	Apperal Made-ups & Home Furnishing	500	Assistant Fashion Designer, (AMH /Q1210)	2
				13
				77

Details of ESDPs sanctioned FY 2021-22 under ATI scheme

S.No.	Trade	No. of hours	Name of programme (Module Name)	No. of Programmes
(A) Online Mode				
1	IT-ITeS Sector Skill Council	400	Junior Software Developer, (SSC/Q0508)	4
2	IT-ITeS Sector Skill Council	400	Cloud Engineer,(SSC/Q13031	4
3	IT-ITeS Sector Skill Council	400	Engineer - Technical Support (Level - 1) (Linux Administrator), (SSC/Q0101)	4
4	IT-ITeS Sector Skill Council	400	Web Developer,(SSC/Q0503)	4
5	IT-ITeS Sector Skill Council	400	Domestic Data Entry Operator,(SSC/Q2212)	5
6	Banking & Financial Sector Skill Council	120	Accounts Executive(Payroll) (BSC/Q1201)	5
6	Banking & Financial Sector Skill Council	150	Goods & Services Tax (GST) Accounts Assistant	5
7	Management & Entrepreneurship and Professional Skills Council	250	Multifunctional Administrative Executive, (MEP/Q0205)	5
8	Management & Entrepreneurship and Professional Skills Council	340	Search Engine Marketing Executive(MES/Q0705)	8
Sub- Total (A):				44
(B) Offline Mode				
9	Media & Entertainment Skill Council	280	Animator, (MES/Q0701)	5
10	Media & Entertainment Skill Council	280	VFX Editor, (MES/Q3501)	5
11	Media & Entertainment Skill Council	470	Graphic Designer (MES/Q0601)	4
12	Media & Entertainment Skill Council	280	Editor (MES/Q1401)	5
13	Food Industry Capacity & Skill Initiative	240	Baking Technician, (FIC/Q5005)	4
14	Apparel Made-ups & Home Furnishing	500	Assistant Fashion Designer, (AMH /Q1210)	3
15	Beauty & Wellness Sector	400	Beauty Therapist(BWS/ Q0102)	4
Sub- Total (B):				30
Total No of Programmes:				74

Training Details under SC ST hub scheme conducted by NiMSME2019-20

Training Programmes	No. of trainings approved	No. of trainings completed	No. of candidates trained	No. of SC candidates	No. of ST candidates
Capacity Building Programmes	20	20	400	283	117
ESDP Programmes	6	6	180	148	32
EDPs on Domestic and International Trade	8	8	120	97	23
Total	34	34	700	528	172

**Training details under sc/st Hub scheme conducted by NiMSME Training
Details of 2018 - 19**

Training programmes	No. of Trainings Approved	No. of Trainings Completed	No. of Candidates Trained	No. of SC Candidates	No. of ST Candidates
Capacity Building Programmes	7	7	140	98	42
ESDP Programmes	8	8	240	184	56
Total	15	15	380	282	98

Sl.No.	Location	Discipline
1.	NTSC Okhla (Delhi)	Electrical & Electronics, Design IT & Computer Science, Design for Civil & Mechanical, Mechanical & Mechatronics, Precision Measurement, Fashion Designing, Health, NCVT courses in Draughtsman (Mech), Machinist, Turner, Fitter, LBI, etc. Testing : Material , PPE Kits
2.	NTSC Neemka (Faridabad)	Robotics & Industrial Automation, CAD/ CAM, CNC, AICTE Diploma Engg. Courses in Civil, Electrical, E&CE, CS, Mechanical and Fashion Designing, LBI, etc. Testing: Material- ferrous, non ferrous, plastic, etc.
3.	NTSC Rajpura (Punjab)	Electrical, Electronics, Computer Science, Mechanical etc. Tool Room; CNC, wire cut EDM, CAD/CAM, etc. Testing: Domestic Electrical Appliances, PPE Kits
4.	NTSC Aligarh (U.P.)	Tool design and die making. CNC programming & operation etc.
5.	NTSC Rajkot (Gujarat)	Robotics & Industrial Automation, CNC M/cs, Tool room, Computer & IT, LBI, etc. Testing: Engine, Motor, Pump, Plastic Material, Solar pump testing, etc.
6.	NTSC Hyderabad (Telangana)	Computer & I.T., Electronics, Solar, Electric vehicle charging station etc.
7.	NTSC Chennai (Tamil Nadu)	Electrical & Electronics, Computer & IT, Mechanical, CNC M/cs, Rapid prototyping, Reverse Engineering, etc. Primary & Secondary Calibration, Pump & BEE Star rating testing, Advanced PLC lab, CAD/ CAM, I.T. etc.
8.	NTSC Howrah (West Bengal)	Electrician, Welding, Refrigeration & air conditioning, Fire & safety, Quality control & inspection, SAP & NCVT courses in Fitter, Electrician, Machinist, etc. Testing: Electrical items like Cables, Conductors, Insulators etc.

In addition to above technical centres there are eight livelihood business incubators (LBIs) situated at Chennai, Deoria, Nawada, Naini, Kashipur, Neemka, Rajkot and Rourkela besides two training centres located in Guwahati and Mandi (H.P.) to promote first generation entrepreneurship among the unemployed youth and prospective budding entrepreneurs.

Consolidated statement of indicative courses and programmes conducted by NSIC Technical Centres

Sl.No.	NSQF Aligned	NSQF Exempted	NSQF Non-Aligned	National Occupation Standard (NOS)-NCVT and AICTE courses	Total
1	58	1	70	14	143

Training Programme Conducted by MGIRI Annexure VI

Details of Technical Entrepreneurship Development Training Programmes (TEDTPs) Bio-processing & Herbal Division

S. No	Name of Entrepreneurship Development Training Program	Duration
1.	Amla / Tamarind / Ambadi / Palash based food products	3 days
2	Flavored Soybean milk, tofu and other related products.	3 days
3	Various types of Masalas such as , Pav Bhaji, Garam Masala, Chat Masala, Pani puri etc.	3 days
4	Panchgavya based Transparent Soap, Shampoo, Hand-wash	3 days
5	Panchgavya based products like Floor-cleaner, Hair conditioner, Hair oil, Face-pack, Red Tooth Powder, Black-tooth powder, Dhoop-stick, Agarbatti, Dhoopbatti and Mosquito repellent coil	3 days
6	Alovera based various products like juice, gel, transparent soap, shampoo and hand wash	3 days
7	Herbal Gulal of various colors .	3 days
8	Various types of Herbal syrups	3 days
9	Potential herbal products like herbal hair oil, hair tonic Vatnashk oil, herbal tea, Mehandi	3 days
10	Bio-fertilizer, Bio Pesticides, and Neem oil based pest repellent	5 days
11	Plant booster based on waste human hair (Amino acids)	5 days

Details of Technical Entrepreneurship Development Training Programmes (TEDTPs) Khadi and Textile Division

S. No	Name of Entrepreneurship Development Training Program	Duration
1	Charkha spinning & maintenance	2 weeks
2	Ginning and Pre-spinning	2 weeks
3	Advanced weaving and other fabric based programme	4 weeks
4	Garment manufacturing and stitching	2 weeks
5	Silk Reeling	1 week
6	Soft and Stiff finish / wrinkle free finish on khadi textures	2 weeks
7	Natural dyeing technology applicable to khadi and preparatory processes	2 weeks
8	Printing of khadi with natural dyes using blocks	2 weeks
9	Dyeing of Khadi yarn / Fabric with Synthetic Dyes	2 weeks
10	Dyeing of wool, silk, & man made fibre	2 weeks
11	Printing of wool, silk, & man made fabric	2 weeks
12	Pattern Making and Drafting system through REACH CAD software	2 Weeks

**Details of Technical Entrepreneurship Development
Training Programmes (TEDTPs)
Khadi and Textile Division**

S. No	Name of Entrepreneurship Development Training Program	Duration
13	Garment sketching and drawing with accessories	2 weeks
14	Western garment draping .	2 weeks
15	computer aided Fashion design	2 weeks
16	Computer aided woven textile designing through NED GRAPHICS software	2 weeks
17	Embroidery design through Wilcem software (Basic course)	2 weeks
18	Chemical or Physical testing of fibre, yarn and fabrics (cotton, wool and silk)	2 weeks for each of Chemical or Physical testing

S.No	Name of Entrepreneurship Development Training Program	Duration
1	Glass cleaner	2 days
2	Floor cleaner	2 days
3	Mosquito repellent Liquid	2 days
4	Soap (Transparent soap, toilet soap)	2 days
5	Liquid soap	2 days
6	Sanitizers	2 days
7	Hand wash	2 days
8	Shampoo (Transparent)	2 days
9	Dish wash liquid	2 days
10	White Phenyl (Floor Cleaner)	2 days
11	Black Phenyl (Floor Cleaner)	2 days

12	Dustless chalk	2 days
S.No	Name of Entrepreneurship Development Training Program	Duration
13	Scented Candles	2 days
14	Detergent powder	2 days
15	Injection Molding machine	2 days

**Details of Technical Entrepreneurship Development
Training Programmes (TEDTPs)
Rural Craft & Engineering Division**

S. No	Name of Entrepreneurship Development Training Program		Duration
1	Terracotta craft	Pottery & Interior products	45 days
2	Fashion Jewellery	Terracotta/ Ceramic	20 days
3	Lacquer Ware Craft	a) Turn wood craft Interior products & Jewellery	45 days
4		a) Lacquer Bangle craft	30 days
5	Khadi fashion bags (with Zardozi surface ornamentation)	Training on Fashion & utility Bags	45 days
6	Bamboo & Cane craft	Training on Interior & Exterior products and Cane Fashion Jewellery	45 days
7	Paper bags	Different types/sizes of newspaper shopping bags, brown paper envelopes, bags, handmade paper bags	15 days
8	Cotton Bags	Training on making/ stitching of the cotton carry/ shopping bags which are an alternative to plastic bags.	15 days
9	Paper/Leaf plate and bowl	Training on making of leaf plate /paper pattrawali and paper/ leaf bowls.	10 days
10	Training program on CAD Software	(Pro-E WF5/Creo Parametric.	45 Days
11	Shop floor training program	General Workshop Machine training	30 days