MSDE(DGT)-19/02/2023-CD (E58176)
Government of India
Directorate General of Training (DGT)
Ministry of Skill Development & Entrepreneurship (MSDE)

Kaushal Bhawan,New Moti Bagh
Chanakyapuri, New Delhi-110023
Dated: 07th February, 2024

To,

The Commissioners/Directors (Dealing with Craftsmen Training Scheme)
The Regional Directors, RDSDE

Sub: - Introduction of new age / futuristic courses under CTS from the Session 2023-24
and onwards –reg.

Madam/Sir,

Craftsmen Training Scheme (CTS) for training of skilled craftsmen is implemented through a network of about 15000 ITIs across the nation. Industrial Training Institutes (ITIs) are under the administrative and financial control of state/UT administration. DGT being the overall policy making body of CTS scheme is mandated with accreditation/affiliation of ITIs, examination, curriculum development, laying down broad policies & norms etc.

In response to the futuristic demands and advancements in technology, the Directorate General of Training (DGT) has introduced many new-age / future skill courses. Additionally, recognizing the escalating demand for renewable energy, DGT has also developed new courses in the Green sector starting from academic session 2023.All the states/UTs were also requested to start training in green sector by adopting these courses in green sector. (copy attached).

Sl. No.	Sector	Name of Course	Entry Qualification	Duration	NSQF level	Year of introduction
a.	Capital Goods & Manufacturing	Computer Aided Manufacturing (Cam) Programmer	Passed 10th class examination	One year (1200 hours + 150 hours OJT/ Group Project)	3.5	2024
b.	IT &ITES	Data Annotation Assistant	Passed 10th class examination	One year (1200 hours + 150 hours OJT/Group Project)	3.5	2024
c.	Telecom	5G Network	Passed 12th	One year		2024

		Technician	class examination with Science and Mathematics or with vocational subject in same sector or its equivalent.	(1200 hours + 150 hours OJT/Group Project)	4.5	
d.	Power	Small Hydro Power Plant Technician	Passed 10th class examination with Science and Mathematics or its equivalent	2 years (2400 Hours)	4	2023
e.	Power	Wind Plant Technician	Passed 10th class examination with Science and Mathematics or its equivalent	2 years (2400 Hours)	4	2023

3. Furthermore, it is also informed that tool and equipment list of the course "Remotely Piloted Aircraft (RPA)/Drone Pilot" has been updated. In addition, the course has been renamed as "Drone Pilot (Junior)". These updates in the Drone Pilot (Junior) trade under CTS will be applicable from the session 2023-2024.

4. The list of the CTS trades along with detailed syllabus is available on https://dgt.gov.in/CTS . The list of all the New Age / Future Skill courses is also annexed for ready reference.

5. All the developed relevant study materials, mock tests, e-learning content and question banks for CTS trades are available on the Bharat Skills Portal (https://bharatskills.gov.in/), with new course material being continuously developed and uploaded in the portal.

5. States/UTs are requested to adopt these new age/future skills/ green sector courses in ITIs and speared awareness among trainees and ITIs. Regional Directors and

RDSDEs are encouraged to collaborate with their respective States/UT Directorates to facilitate the implementation process.

Yours faithfully;

Enclosure: As above

(Trishaljit Sethi)
Additional Secretary / Director General (Training)

Copy to (for information):

1. Sr. PPS to Secretary, MSDE
2. DDG (South Zone)
3. DDG (East Zone)
4. DDG, HQ, New Delhi
5. Director TC, DGT (HQ), New Delhi to include the above trades in affiliation portal.
6. Director IT & TT Cell DGT (HQ), New Delhi – to add above trades in NCVT/SID portal and development of question bank and supportive assessment tools.
7. Director CFI, DGT (HQ), New Delhi – For adoption of above trades by NSTIs.
8. Director NIMI, Chennai – For development of content
9. Director CSTARI, Kolkata – For information and records
10. Joint Director, Apprenticeship Section, MSDE – for information and records.

List of New Age / Future Skills Courses Under CTS

Sr.No.	Name of Trade	Duration	NSQF Level
1.	5G Network Technician	One year	4.5
2.	Additive Manufacturing Technician (3D Printing)	Two Year	3
3.	Advanced CNC Machining Technician	Two Year	4
4.	Aeronautical Structure and Equipment Fitter	Two Year	4
5.	Artisan Using Advanced Tool	One year	3
6.	Basic Designer & Virtual Verifier	Two Year	4
7.	Computer Aided Manufacturing (Cam) Programmer	One year	3.5
8.	Data Annotation Assistant	One year	3.5
9.	Drone Pilot (Junior)	Six Month	3
10.	Drone Technician	Six Months	3
11.	Fiber to Home Technician	Six months	3
12.	Geo Informatics Assistant	One year	3
13.	Industrial Robotics and Digital Manufacturing	One year	3
14.	Information Technology	Two Year	4

15.	Internet of Things Technician (Smart Agriculture)	One year	3
16.	Internet of Things Technician (Smart City)	One year	3
17.	Internet of Things Technician (Smart Healthcare)	One year	3
18.	Manufacturing Process Control & Automation	One year	3
19.	Mechanic Electric Vehicle	Two Year	4
20.	Multimedia, Animation & Special Effects	One year	3
21.	Small Hydro Power Plant Technician	Two Year	4
22.	Smartphone Technician Cum App Tester	6 Months	3
23.	Software Testing Assistant	One year	4
24.	Solar Technician (Electrical)	One year	3
25.	Technician Mechatronics	Two Year	4
26.	Wind Plant Technician	Two Year	4

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