

CTS-CITS Mapping List

Sl. No.	Name of the CITS Trade	Sector	Applicable CTS Trades	No of CTS trades mapped
(1)	(2)	(3)	(4)	(5)
1	Agro Processing	Food Industry	1. Agro Processing	1
2.	Bamboo Works	Construction	2. Bamboo Works	1
3.	Carpenter	Construction	3. Carpenter	1
4.	Catering & Hospitality	Tourism and Hospitality	4. Catering & Hospitality 5. Food Production (General) 6. Food Beverage & Service Assistant 7. Housekeeper 8. Front Office Assistant 9. Baker & Confectioner	6
5.	Computer Hardware & Network Maintenance	IT and ITeS	10. Computer Hardware & Network Maintenance 11. ICTSM	2
6.	Computer Software Applications	IT and ITeS	12. COPA 13. Database System Assistant	2
7.	Desktop Publishing Operator	IT and ITeS	14. Desktop Publishing Operator	1
8.	Architectural Draughtsman	Construction	15. Architectural Draughtsman	1
9.	Draughtsman Civil	Construction	16. Draughtsman Civil	1
10.	Draughtsman (Mechanical)	Capital Goods & Manufacturing	17. Draughtsman (Mechanical)	1
11.	Dress Making	Apparel	18. Dress Making	1
12.	Electrician	Power	19. Electrician 20. Wireman	2
13.	Electronics Mechanic	Electronics and Hardware	21. Electronics Mechanic 22. Technician Power Electronics System 23. Mechanic Consumer Electronic Appliances 24. Smartphone Technician Cum App Tester	4
14.	Fashion Design and Technology	Apparel	25. Fashion Design and Technology	1

15.	Fitter	Capital Goods & Manufacturing	26. Fitter	1
16.	Food Beverage	Food Industry	27. Food Beverage	1
17.	Fruits & Vegetables Processing	Food Industry	28. Fruits & Vegetables Processing	1
18.	Foundryman	Capital Goods & Manufacturing	29. Foundryman	1
19.	Cosmetology	Beauty and Wellness	30. Cosmetology	1
20.	Instrument Mechanic	Electronics and Hardware	31. Instrument Mechanic 32. Instrument Mechanic (Chemical Plant)	2
21.	Machinist & Operator Advance Machine Tool	Capital Goods & Manufacturing	33. Machinist 34. Operator Advance Machine Tool	2
22.	Machinist Grinder	Capital Goods & Manufacturing	35. Machinist Grinder	1
23.	Mechanic Agricultural Machinery	Automotive	36. Mechanic Agricultural Machinery	1
24.	Mechanic Diesel	Automotive	37. Mechanic Diesel	1
25.	Mechanic Machine Tool Maintenance	Capital Goods & Manufacturing	38. Mechanic Machine Tool Maintenance	1
26.	Mechanic Motor Vehicle	Automotive	39. Mechanic Motor Vehicle 40. Mechanic Auto Electrical & Electronics 41. Mechanic Two & Three-Wheeler 42. Driver cum Mechanic (LMV)	4
27.	Mechanic Refrigeration & Air-conditioning	Construction	43. Mechanic Refrigeration & Air-conditioning 44. Central Air condition Plant Mechanic	2
28.	Mechanic Tractor	Automotive	45. Mechanic Tractor	1
29.	Milk and Milk Product Technician	Food Industry	46. Milk and Milk Product Technician	1
30.	Office Management	Office Administration & Facility Management	47. Stenographer Secretarial Assistant (English) 48. Secretarial Practice (English)	2
31.	Secretarial Practice (Hindi)	Office Administration & Facility Management	49. Secretarial Practice (Hindi)	1

32.	Plumber	Plumbing	50. Plumber	1
33.	Sewing Technology	Apparel	51. Sewing Technology	1
34.	Sheet Metal Worker	Capital Goods & Manufacturing	52. Sheet Metal Worker	1
35.	Surface Ornamentation Techniques	Apparel	53. Surface Ornamentation Techniques	1
36.	Surveyor	Construction	54. Surveyor	1
37.	Tool and Die Maker	Capital Goods & Manufacturing	55. Tool & Die Maker (Dies & Moulds) 56. Tool and Die Maker (Press tools, Jigs & Fixtures)	2
38.	Turner	Capital Goods & Manufacturing	57. Turner	1
39.	Welder	Capital Goods & Manufacturing	58. Welder 59. Welder (GMAW & GTAW) 60. Welder (Pipe) 61. Welder (Structural) 62. Welder (Fabrication & Fitting) 63. Welder (Welding & Inspection)	6
40.	Interior Design & Decoration	Construction	64. Interior Design & Decoration	1
41.	Painting Technology	Construction	65. Domestic Painter 66. Industrial Painter 67. Painter (General)	3
42.	Chemical Plant Technology	Chemicals & Petrochemicals	68. Maintenance Mechanic (Chemical Plant) 69. Attendant Operator (Chemical Plant)	2
43.	Electrician - Power Distribution	Power	70. Electrician - Power Distribution	1
44.	Electroplater	Chemicals & Petrochemicals	71. Electroplater	1
45.	Information Technology	IT & ITeS	72. Information Technology	1
46.	Computer Aided Embroidery and Designing	Apparel	73. Computer Aided Embroidery and Designing	1
47.	Fire Technology & Industrial safety Management	Safety and Security	74. Fire Technology & Industrial safety Management 75. Fireman	2

48.	Multimedia Animation & Special effect	IT & ITeS	76. Multimedia Animation & Special effect	1
49.	Plastic Processing Operator	Chemicals & Petrochemicals	77. Plastic Processing Operator	1
50.	Pump Operator cum Mechanic	Automotive	78. Pump Operator cum Mechanic	1
51.	Spinning Technician	Textile & Handloom	79. Spinning Technician	1
52.	Laboratory Assistant (Chemical Plant)	Chemicals & Petrochemicals	80. Laboratory Assistant (Chemical Plant)	1
53.	Lift and Escalator Mechanic	Capital Goods & Manufacturing	81. Lift and Escalator Mechanic	1
54.	Aeronautical Structure And Equipment Fitter	Capital Goods and Manufacturing	82. Aeronautical Structure and Equipment Fitter	1
55.	Reading of drawing and Arithmetic	Education, Training & Research	83. All Engineering group of trades	0
Total CTS Trades Mapped with 55 CITS Trades				82

List of CTS Trades not mapped with CITS Trades

Sl. No.	CTS Trade	Sector
(1)	(2)	(3)
1	Remotely Piloted Aircraft (RPA/ Drone Pilot)	Aerospace and Aviation
2	Drone Technician	Aerospace and Aviation
3	Floriculture & Landscaping	Agriculture
4	Horticulture	Agriculture
5	Soil Testing and Crop Technician	Agriculture
6	Cutting and Sewing (for Visually Impaired)	Apparel
7	Mechanic Auto Body Painting	Automotive
8	Mechanic Auto Body Repair	Automotive
9	Mechanic Electric Vehicle	Automotive
10	Finance Executive	Banking, Financial Service and Insurance
11	Hair & Skin Care (for Visually Impaired)	Beauty and Wellness
12	Spa Therapy	Beauty and Wellness
13	Additive Manufacturing Technician (3D Printing)	Capital Goods & Manufacturing
14	Marine Engine Fitter	Capital Goods & Manufacturing
15	Marine fitter	Capital Goods & Manufacturing
16	Vessel Navigator	Capital Goods & Manufacturing
17	Mechanic Lens/ Prism Grinding	Capital Goods & Manufacturing
18	Mechanic Mining Machinery	Capital Goods & Manufacturing
19	Metal Cutting Attendant (for Visually Impaired)	Capital Goods & Manufacturing
20	Refractory Technician	Capital Goods & Manufacturing
21	Technician Mechatronics	Capital Goods & Manufacturing
22	Textile Mechatronics	Capital Goods & Manufacturing
23	Manufacturing Process Control & Automation	Capital Goods & Manufacturing
24	Artisan Using Advanced Tool	Capital Goods & Manufacturing
25	Industrial Robotics and Digital Manufacturing	Capital Goods & Manufacturing
26	Basic Designer & Virtual Verifier	Capital Goods & Manufacturing
27	Advanced CNC Machining Technician	Capital Goods & Manufacturing

28	Civil Engineer Assistant	Construction
29	Mason	Construction
30	Early Childhood Educator	Education, Training & Research
31	Technician Medical Electronics	Electronics & Hardware
32	Technician Electronics System Design & Repair	Electronics & Hardware
33	Solar Technician (Electrical)	Environmental Science
34	Dairying	Food Industry
35	Dental Laboratory Equipment Technician	Healthcare
36	Health, Safety & Environment	Healthcare
37	Health Sanitary Inspector	Healthcare
38	Physiotherapy Technician	Healthcare
39	Radiology Technician	Healthcare
40	Gariatic (Old Age) Care	Healthcare
41	Computer Operator and Programming Assistant (for Visually Impaired)	IT & ITeS
42	Desktop Publishing Operator (for Visually Impaired)	IT & ITeS
43	Geo - Informatics Assistant	IT & ITeS
44	Internet of Things (Smart Agriculture)	IT & ITeS
45	Internet of Things (Smart City)	IT & ITeS
46	Internet of Things (Smart Healthcare)	IT & ITeS
47	Software Testing Assistant	IT & ITeS
48	Data Entry Operator	IT & ITeS
49	Footwear Maker	Leather
50	Leather Goods Maker	Leather
51	Warehouse Technician	Logistics
52	In Plant Logistics Assistant	Logistics
53	Digital Photographer	Media & Entertainment
54	Photographer	Media & Entertainment
55	Video cameraman	Media & Entertainment
56	Stone Mining Machine Operator	Mining
57	Stone Processing Machine Operator	Mining
58	Human Resource Executive	Office Administration & Facility Management
59	Marketing Executive	Office Administration & Facility Management
60	Rubber Technician	Rubber Industry
61	Fiber to Home Technician	Telecom
62	Textile Wet Processing Technician	Textile & Handloom
63	Weaving Technician	Textile & Handloom

64	Weaving Technician for Silk & Woolen Fabrics	Textile & Handloom
65	Tourist Guide	Tourism & Hospitality
66	Travel & Tour Assistant	Tourism & Hospitality
67	Hospital Housekeeping	Tourism & Hospitality
68	Honey Processing Technician	Tourism & Hospitality
69	Smal Hydro Plant Technician	Power
70	Wind Plant Technician	Power

List of DGT orders issued on Mandating CITS for Instructors

Sl. No.	DGT order details	Description of the order
1	DGE & T 19(2)/2004-CD dated 19.07.2004	(a) Instructors of ITI (Govt & Pvt) (a)who have put in more than 05 years of service (b) Instructor of trade for which Instructor Training course not available allowed to take only PoT module of 3 months, after successful completion of the training deemed to be trained in their respective trade.
2	DGE & T 19(8)/2008-CD dated 23.12.2008	Minimum Qualification of Instructor where passed in POT is desirable.
3	DGE & T 19(2)/2010-CD dated 29.09.2010	Abolition of provision for POT training of 3 months for instructors of more than 5 years' experience.
4	DGE & T 19(12)/2010-CD dated 06.08.2010	One instructor out of two must be with Diploma/ Degree in relevant branch.
5	DGE & T 19/7(3)/ 2014-CD dated 27.05.2014	Norms for vocational Instructor, Degree/ Diploma holders will have to undergo only second semester in CITs. All instructors who joined it is must complete CITS course within three years of joining. This is mandatory condition for the purpose of affiliation and promotion.
6	MSDE-19/02/2018-CD dated 26.02.2019	For 2019 admission- 25% reduction in seats who do not have 40% CITS trained facility. For 2020 admission- 50% reduction in seats who do not have 40% CITS trained facility.
7	MSDE-19/02/2018-CD (03) dated 26.07.2019	CITS qualification as essential for the recruitment of Vocational Instructors.
8	DGT-CITS001/1/2019-o/oDD(CFI) dated 03.12.2019	Relaxation of CITS for Degree/Diploma with instructions to acquire CITS within probation period after undergoing 3 months physical training in Govt. ITOT.
9	MSDE(DGT)-19/01(01)/2019-CD dated 09.01.2020	Instructor Qualification: B. Voc/Degree in Engineering from AICTE/UGC recognized Engineering College/ university with one-year experience in the relevant field. OR 03 years Diploma in Engineering from AICTE recognized board of technical education or relevant Advanced Diploma

		<p>(Vocational) from DGT with two years' experience in the relevant field.</p> <p style="text-align: center;">OR</p> <p>NTC/NAC passed in the Trade With three years' experience in the relevant field.</p> <p><u>Essential Qualification:</u> Relevant Regular/RPL variants of National Craft Instructor Certificate (NCIC) under DGT.</p> <p><i>Note: Out of two Instructors required for the unit of 2(1+1), one must have Degree/Diploma and other must have NTC/NAC qualifications. However, both of them must possess NCIC in any of its variants.</i></p>
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