Updated List of ESDM Courses approved on 17th June 2015

Course Code: **AB/C/DE/FGH I** where

AB: EL/NL/TL (ESSCI/NIELIT/TSSC), **C**: S or M (S-Service, M-Manufacturing), **DE**: Level (e.g. L1/L2/L3...), **FGHI**: Course Number (C001, course no.1...)

S. No	Course Code	Agency	Course	Industry Vertical	Level	Duration (in hour)	Eligibility	Sector
1	EL/S/L2/C001	ESSCI	DTH Set-top-box Installer and Service Technician	Communications Electronics	L2	200	8th Pass	Service
2	EL/S/L2/C002	ESSCI	DAS Set-top-box Installer and Service Technician	Communications Electronics	L2	200	8th Pass	Service
3	EL/S/L3/C003	ESSCI	Field Technician- Air conditioner	Consumer Electronics	L3	350	10th Pass	Service
4	EL/S/L3/C004	ESSCI	Installation Technician - Computing and Peripherals	IT Hardware	L3	350	10th Pass	Service
5	EL/S/L4/C005	ESSCI	Field Engineer - RACW (Refrigerator, AC & Washing Machine)	Consumer Electronics	L4	350	8th Pass	Service
6	EL/S/L4/C006	ESSCI	Field Technician – Computing and Peripherals	IT Hardware	L4	350	12th Pass	Service
7	EL/S/L4/C007	ESSCI	Solar Panel Installation Technician	Solar Electronics	L4	350	12th Pass	Service
8	EL/S/L4/C008	ESSCI	Pick and Place Assembly Operator	PCB Assembly	L4	350	12th Pass	Service
9	EL/S/L5/C009	ESSCI	Field Technician – Networking and Storage	IT Hardware	L5	400	Diploma	Service
10	EL/S/L1/C010	ESSCI	Testing of Emergency Light & Solar Lantern	Photovoltaic Segment (Solar Panel)	L1	200	8th Pass having Knowledge of Basic Science	Service
11	EL/S/L2/C011	ESSCI	Wireman-Control Panel	Industrial Electronics	L2	200	8th Pass	Service
12	EL/M/L3/C012	ESSCI	Through Hole Assembly Operator	PCB Assembly	L3	350	10th + ITI or 12th pass	Manufacturing
13	EL/M/L3/C013	ESSCI	Circuit Imaging Operator	PCB Assembly	L3	350	10th pass	Manufacturing
14	EL/ S/L3/C014	ESSCI	CCTV Installation technician	IT Hardware	L3	350	10th pass	Service
15	EL/S/L3/C015	ESSCI	Access Controls Installation Technician	IT hardware	L3	350	10th pass	Service
16	EL/M/L4/C016	ESSCI	LED Mechanical Assembly Operator	LED Lighting	L4	350	10th + ITI, 12th Pass, Other non-Science graduates	Manufacturing
17	EL/M/L4/C017	ESSCI	Assembly Operator-RAC	Consumer Electronics	L4	350	10th + ITI or 12th pass	Manufacturing
18	EL/M/L4/C018	ESSCI	Certificate Course in LED Light Mechanical Assembly	LED & Photovoltaic	L4	250	12th Pass	Manufacturing
19	EL/S/L4/C019	ESSCI	Security System Installer	Electronic Security	L4	350	ITI/ Diploma	Service
20	EL/S/L4/C020	ESSCI	Tech Support	Solar Electronics	L4	350	ITI/ Diploma /Graduates	Service
21	NL/S/L1/C001	NIELIT	Installation & Maintenance of Photocopiers and Printers	Office Automation	L1	200	8th Pass/ITI	Service
22	NL/S/L3/C002	NIELIT	Certificate Course in Electronic Product Testing	Electronic Product Design	L3	360	10th / 12th Pass with Science background	Service
23	NL/S/L3/C003	NIELIT	Repair & Maintenance of Power Supply, Inverter & UPS	Industrial Electronics	L3	350	10th Pass/ITI	Service
24	NL/S/L3/C004	NIELIT	Repair & Maintenance of Dental equipment	Medical Electronics	L3	350	10th Pass	Service
25	NL/S/L3/C005	NIELIT	Repair & Maintenance of Imaging Equipment (X-Ray & Ultrasound machine)	Medical Electronics	L3	350	10th Pass	Service
26	NL/S/L3/C006	NIELIT	Repair & Maintenance of ECG and ICCU Equipment	Medical Electronics	L3	350	10th Pass	Service

27	NL/S/L4/C007	NIELIT	Diploma in Installation & Repair of Consumer Electronics Products	Consumer Electronics	L4	350	ITI or 12th Pass	Service
28	NL/S/L5/C008	NIELIT	Post Diploma in Repair & Maintenance of Hospital Equipment	Medical Electronics	L5	400	Diploma Holder / B.Sc	Service
29	NL/S/L5/C009	NIELIT	Diploma in Repair & Maintenance of Industrial Instrumentation &Automation System	Industrial Automation	L5	400	ITI / Diploma / BSc	Service
30	NL/S/L2/C010	NIELIT	Assembly & Maintenance of PCs	Computer Hardware	L2	240	Polytechnic Diploma/Graduation/ ITI/12th/10th	Service
31	NL/S/L2/C011	NIELIT	Installation Repair & Maintenance. of EPABX System	Telecom Segment	L2	200	9th Pass	Service
32	NL/M/L4/C012	NIELIT	Automation Technology-Basic Level	Industrial Automation	L4	For Technical Students : 180 Hrs	Diploma in /Electronics/Instrumentation/ Mechanical/ Electrical – for Technical students. Non Technical Students: 12th pass with science background and affinity towards technical studies	Manufacturing
						Non Technical Students : 240 Hrs		
33	NL/M/L4/C013	NIELIT	Certificate in Robotic Programming & Maintenance	Industrial Automation	L4	325	10th with aptitude in the subject/12th pass	Manufacturing
34	NL/S/L4/C014	NIELIT	Telecom Technician-PC Hardware and Networking	Office Automation, IT & networking	L4	170	10th with strong aptitude in Science / 12th Pass	Service
35	NL/M/L4/C015	NIELIT	Computer Aided Product Design	Electronic Product Design	L4	360	Polytechnic Diploma/ Graduation/ ITI/12th/ 10th	Manufacturing
36	NL/M/ L5/C016	NIELIT	Embedded System Design using 8-Bit Microcontroller	Embedded System & VLSI	L5	400	Diploma or above	Manufacturing
37	NL/M /L5/C017	NIELIT	Post Diploma in VLSI Design, Tools & Technology	Embedded System & VLSI	L5	400	Diploma Holder or BSc. Graduate	Manufacturing
38	NL/M/L5/C018	NIELIT	Automation Technology-Intermediate Level	Industrial Automation	L5	Technical Students – 350 Hrs	Diploma in /Electronics/Instrumentation/ Mechanical/Electrical – for Technical students.	Manufacturing
						Non-Technical Students – 450 Hrs	Non Technical Students: Students with 12+ with science background and affinity towards technical studies	
39	NL/M/L5/C019	NIELIT	Automation Technology-Advanced Level	Industrial Automation	L5	520	Diploma in Electronics/Instrumentation/ Mechanical/Electrical / Graduates, with science background and affinity towards technical studies	Manufacturing
40	NL/S/L4/C020	NIELIT	CHM-'O' Level	Office Automation, IT & Networking	L4	400 hrs	12th Pass/ITI/Diploma, graduation or more	Service

41	NL/S/L4/C021	NIELIT	Installation, Repair and Maintenance of Home Appliances	Consumer Electronics (Home Appliances)	L4	350 Hours	10th + ITI, 12th pass, non-science graduates	Service
42	NL/M/L4/C022	NIELIT	Solar-LED Lighting Products (Design and Manufacturing)	Solar Electronics	L4	350 hrs	10th + ITI, 12th pass	Manufacturing
43	NL/S/L5/C023	NIELIT	CHM-'A' Level	Office Automation, IT & Networking	L5	470 hrs	12th Pass/ITI/Diploma, graduation or more with CHM-O level	Service
44	TL/S/L3/C001	TSSC	Optical Fiber Splicer	Telecom	L3	250	8th Pass	Service
45	TL/S/L4/C002	TSSC	Tower Technician	Telecom	L4	350	10+2 and/or ITI Diploma in Electrical/ Mechanical including final year candidates	Service
46	TL/S/L4/C003	TSSC	Handset repair Engineer (Level II)	Telecom	L4	350	10+2 / ITI(including final year candidates)	Service
47	TL/S/L4/C004	TSSC	Broadband Technician	Telecom	L4	350	10+2	Service
48	TL/S/L4/C005	TSSC	Optical Fiber Technician	Telecom	L4	350	10+2	Service
49	TL/S/L5/C006	TSSC	Installation Engineer SDH & DWDM	Telecom	L5	400	Diploma(including final year candidate)	Service
50	TL/S/L5/C007	TSSC	Installation Engineer Networking Layer2 & Layer3	Telecom	L5	400	Diploma(including final year candidate)	Service
51	TL/M/L2/C008	TSSC	Telecom Test Technician	Telecom Electronics	L2	200	a) ITI - Electronics, Electrical, Instrumentation, b) Diploma – Electronics, Electrical, Instrumentation c) Vocational Education Training (Final year candidate pursuing in ITI/Diploma)	Manufacturing
52	TL/M/L3/C009	TSSC	Board Bring Up Engineer	Telecom Electronics	L3	350	10th,Undergoing ITI, Electronic/ Electrical/ Mechanical(including final year candidates)	Manufacturing
53	TL/M/L5/C010	TSSC	Telecom Embedded Hardware Developer	Telecom Electronics	L4	350	Diploma (including final year candidate)	Manufacturing
54	TL/S/L2/C011	TSSC	Telecom Installation and repair worker	Passive Infra	L2	200	8th	Service
55	TL/S/L3/C012	TSSC	Telecom Industry Network Security Technician	Telecom Industry Engineer	L3	350	ITI/ Diploma	Service
56	TL/M/L4/C013	TSSC	Electrical testing of telecom assemblies	Telecom Manufacturing	L4	350	ITI / Diploma (electronics) or Bsc.(Electronics)	Manufacturing
57	TL/S/L4/C014	TSSC	Grass Root telecom Provider	Network Management	L4	350	10th + ITI, 12th pass	Service
58	TL/M/L4/C015	TSSC	IPC acceptability criteria of Telecom PCB assemblies	Telecom Manufacturing	L4	350	ITI / Diploma (electronics) or Bsc.(Electronics)	Manufacturing
59	TL/M/L4/C016	TSSC	SMT process for telecom boards	Telecom Manufacturing	L4	350	ITI / Diploma (electronics) or Bsc.(Electronics)	Manufacturing

60	TL/M/L4/C017	TSSC	Soldering of telecom board assemblies	Telecom Manufacturing	L4	350	ITI / Diploma (electronics) or Bsc.(Electronics)	Manufacturing
61	TL/S/L4/C018	TSSC	Telecom tower equipment installer and integrator	Passive Infra	L4	350	10+2/ITI	Service
62	TL/S/L4/C019	TSSC	Telecom industry network specialist	Network Operation & Maint.	L4	370	ITI/ Diploma	Service
63	TL/S/L4/C020	TSSC	Tele-health Technician	Medical Electronics	L4	350	10th +ITI /Diploma (Electronics, Instrumentation, Biomedical	Service
64	TL/M/L4/C021	TSSC	Telecom Quality Technician	Telecom Manufacturing	L4	350	ITI / Diploma (Electrical, electronics, Instrumentation)	Manufacturing