Handbook of Accreditation

For the Government of India Schemes of Skill Development in ESDM Sector



* Last date for submission of hardcopy of application form (as per Annexure-I) along with requisite documents to NIELIT Jammu / Srinagar is 16th of Dec. 2022 and may be submitted by hand or by post to:
1. NIELIT J&K, SIDCO Electronics Complex, Old Airport Road, Rangreth Srinagar-191132
2. Executive Director, NIELIT, New University Campus Dr. B.R. Ambedkar Road, Jammu-180006.
* Please note that incomplete EOI will be out rightly rejected without assigning any reason thereof.

# National Institute of Electronics and Information Technology

## J&K

**SIDCO Electronics Complex, Old Airport Road, Rangreth Srinagar-191132**

**Tel. 0194-2300501, 2300502, 2300805 Fax: 0194-2300949**

**NIELIT, New University Campus Dr. B.R. Ambedkar Road, Jammu-180006.**

**Tel. 0191-2455515, 2455514, 2451849 Fax: 0191-2433845**

## Email: dir-srinagar@nielit.gov.in

**Web Site:** https://nielit.gov.in/srinagar/index.php

CONTENTS

|  |  |  |
| --- | --- | --- |
| **S.NO.** | **TITLE** | **PAGE NO.** |
| 1 | INTRODUCTION | 3 |
| 2 | OBJECTIVES OF THE ESDM SCHEMES | 3 |
| 3 | WHO CAN APPLY FOR ACCREDITATION | 4 |
| 4 | TYPE OF ACCREDIATION | 4 |
| 5 | REQUIREMENTS AND ELIGIBILITY OF THE INSTITUTIONS | 4 |
| 6 | PROCEDURE FOR ESDM ACCREDITATION : CLASS A & CLASS B | 6 |
| 7 | KEY RESPONSIBILITIES OF AN ACCREDITATED INSTITUTE | 8 |
| 8 | GRIEVANCES AND REPRESENTATION, IF ANY | 8 |
| 9 | ANNEXURE I – FORMAT FOR APPLYING FOR ESDM COURSEACCREDITATION | 9 |
| 10 | ANNEXURE-II- ASSESSMENT TABLE | 11 |
| 11 | NIELIT COURSES UNDER ESDM | 12 |

## INTRODUCTION

The purpose of the handbook is to provide guidelines that may be helpful to the Institute applying for accreditation of under ESDM Scheme.

## OBJECTIVES OF THE ESDM SCHEMES

The Government of India launched the 'Scheme for financial assistance to select states for skill development in ESDM sector' in November 2013. The scheme was aimed at enhancing the skilling capacities in ESDM Sector through public and private sector for students/unemployed youth belonging to other disciplines. The objectives of the scheme was to provide financial assistance to select 8 states for facilitating skill development for 90,000 persons in ESDM sector for improving their employability.

Subsequently in December 2014 the Government of India enhanced the scope of the scheme (with minor variations in fund flow) to the rest of the country. The new scheme envisaged as 'Scheme for skill development in ESDM for Digital India' aims to skill 3,28,000 candidates. Both the schemes will run concurrently and gives a cumulative target of training 4,18,000 candidates in the next 04 years for gainful employment in ESDM Sector.

## Level-wise Eligibility, Targets & Fees

****

* Online invoices can only be generated after uploading the valid documents to employability in respect of at least 50% of total candidates enrolled / registered per batch.
* The batch size can be between 20-30 candidates.
* 75% of course fee will be released in case of General category candidates to participating agency (TP).
* 100% for of course fee will be released in case of SC/ST/EWS category candidates to participating agency (TP).
* In EWS category the annual family income from all sources should not be exceed 2 Lacs rupees. A certificate in this regard issued by authorized revenue authority is to be produced.

## WHO CAN APPLY FOR ACCREDITATION

Education plays a vital role in the development of any nation. Therefore, there is a premium on both quantity (increased access) and quality (relevance and excellence of academics programs offered) of higher education. Like in any other domain, the method to improve quality remains the same that is, finding and recognizing new needs and satisfying them with products and services of HIGH standards.

NIELIT ESDM accreditation is a quality assurance scheme for technical education. It is open to all AICTE/NCVT approved Institutions and those centers which are already empanelled/accredited by NIELIT and all others which provide technical education to students.

Taking into consideration the large network of technical education in the country, NIELIT will offer accreditation at two levels at par with each other. Under **Class A accreditation** existing NIELIT Hardware (CHM-O/A Level) recognized Institutions will be approved for ESDM courses. Under **Class B accreditation** the existing AICTE/Central/State Govt./ Technical Board/Polytechnic/ITIs / NCVT approved Institutions will be approved for the ESDM courses on a self-accreditation model. Besides, under **Class B accreditation**, NON - NIELIT Hardware accredited Private Training Institutions or the already approved NIELIT Centers (Software – O/A/B/C Level) will be accredited for the ESDM courses they wish to take on for training the students.

## TYPE OF ACCREDITATION

1. **Class A:** Existing NIELIT Hardware (CHM-O/A Level) recognized Institutions independently operating in Vocational Space are eligible to conduct the ESDM courses. The Institute must ensure availability of infrastructure commensurate with the courses they wish to apply for. Self-certification to this effect with detailed list of infrastructure available should be submitted along with the application. Accreditation will be subject to a physical verification of premises as well as related infrastructure.
2. **Class B:** Existing AICTE/Central/State Government/Technical Board/Polytechnic/ITIs / NCVT and other private Institutions can take up the Class B accreditation. The Institutions falling under this category will be required to submit Self-Certification documents and Statements. A sudden and uninformed visit may take place for the purpose of verification.

## REQUIREMENTS AND ELIGIBILITY OF THE INSTITUTIONS

1. Institutions should fall under any of these categories:
	1. NIELIT Hardware (CHM-O/A Level) accredited
	2. Institutions approved by Councils under Central Government like AICTE
	3. College/Institutes/ITIs/Polytechnics affiliated to a University set by Central or State/ UT Government or recognized by UGC
	4. Schools/Institutes/ ITIs/Polytechnics approved by Central or State Boards of Secondary Education (or equivalent) or Boards of Technical Education or NCVT.
	5. Any other institute set up by Central or State/ UT government.
	6. Other training Institutions operating in the field of Electronics.
	7. Training institutions set up by private companies to meet the skilled manpower requirement for in-house needs or for the Electronics sector.
2. Institutions should be in operation for at least last two years.
3. Institute shall be set up under one of the following :
	1. A Society registered under the Registration of Societies Act 1860 through the Chairman or Secretary of society or
	2. A Trust registered under the Charitable Trusts Act 1950 or any other relevant Acts through the Chairman or Secretary of the trust or
	3. A company established under Section 25 of Companies Act 1956.
	4. Central or State Government / UT Administration or by a Society or a Trust registered by them.
	5. The above bodies as mentioned in a, b, c may be a body formed under Public Private Partnership (PPP) or under Board of Trustees mode through an officer authorized by Central or State Government / UT Administration.
4. The applicants shall not use name of the technical Institution in such a way that the abbreviated form of the name of the technical Institution becomes IIM/IIT/IISc/NIT/IIIT or a statuatory body such as AICTE/UGC/MHRD/GoI or NIELIT. The applicant shall also not use the word(s) Government, India, Indian, National, All India, All India council, Commission anywhere in the name of the technical Institution and other names as prohibited under the Emblems And Names (Prevention of Improper Use) Act, 1950. Provided that the restrictions mentioned above shall not be applicable, if the technical Institution is established by Government of India or its name is approved by the Government of India.
5. The Institute should have ownership or lease of requisite land/building in its name.
6. Institution should have the basic facilities like permanent structure for class rooms and laboratories.
7. Well ventilated classrooms and laboratories of size at least 40 sq mt each, the basic amenities like drinking water, toilets (separate for men and women), well equipped labs (as per course requirements), electricity connection with power backup solutions to take care of power outages.
8. Furniture for all the classrooms/labs/A-V room/library/ staff rooms etc.
9. Area Requirements for one batch of 25 students (minimum)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Requirement/Level** | **L 1** | **L2** | **L3** | **L4** | **L5** |
| **Classroom (approx size)** | 40 sqm | 40 sqm | 40 sqm | 40 sqm | 40 sqm |
| **Lab/workshop(approx size)** | 40 sqm | 40 sqm | 40 sqm | 40 sqm | 40 sqm |
| **Admin space** | Adequate | Adequate | Adequate | Adequate | Adequate |
| **Amenities** | Adequate | Adequate | Adequate | Adequate | Adequate |
| **Parking area** | Adequate | Adequate | Adequate | Adequate | Adequate |

1. Faculty Requirements for one batch of 25 students (minimum)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **L 1** | **L2** | **L3** | **L4** | **L5** |
| **Faculty** | 01 B.Tech/M. Tech. or eq. | 02 B.Tech/ M. Tech. or eq. |
| **Lab support****staff** | 1 Diploma/CHM-O/A Level/ ITI or eq. | 2 Diploma/ CHM-O/A Level /ITIor eq. |

* 1. Equivalent qualification as defined by AICTE/UGC/AIU or other competent authority.
	2. With increase in intake the faculty to student ratio should not be less than 1:30.
	3. Faculties must have relevant experience in the courses applied.
1. Well equipped library with sufficient number of books related to the courses should be maintained.
2. The Institute shall provide the following facilities for conduct of examinations :
	1. Provides PCs for the entire batch with Good Internet connectivity for conduct of Online Examination.
	2. Provide a good quality Scanner, a Laser Printer and Computer with Internet connection for examination work to the Examination Staff.
	3. Provide two Technical manpower and all the required support for Server Setup and Lab setup etc. for Online Examination.
	4. Provide two support staff for both Online examination and Practical Assessment.
	5. Arrange Power Backup facility such as UPS, Generator for uninterrupted & smooth conduct of examination.
	6. Make arrangements for Videography of the whole examination activity (continuous streaming) as and when required.
	7. Provide UIDAI approved biometric devices for authentication and authorization purposes.

## PROCEDURE FOR ESDM ACCREDITATION: Class A & Class B

The basic procedure for accreditation will include the following:

1. **For Class A:** Institute (NIELIT Accredited CHM-O/A level) can apply to NIELIT using the Application Form given at Annexure-I.

ESDM Accreditation Registration fee: Rs. 6000/-

Course Accreditation fee: Rs. 4000/- per course for two years

Institute ESDM Accreditation Inspection fee: Rs. 10000/-

*(e.g. For an institute to run three courses for two years, the fee would be Rs. 28000/-)*

**For Class B:** Any institute that fulfils the accreditation norms for this class, prescribed above, may apply to NIELIT using the application given at Annexure-I. The accreditation fee structure is as under

ESDM Accreditation Registration fee:

For Government Institutions Rs. 6000/-

 For Private Institutes: Rs. 12,000/-

 Course Accreditation fee: Rs. 4000/- per course for two years

 Institute ESDM Accreditation Inspection fee: Rs. 10000/-

***Note:***

* 1. *All the payment should be made by NEFT in favour of Director, NIELIT Jammu with account details as:*

Account Title : Director NIELIT

Account No. : 0345040100008636

IFSC Code : JAKA0CANAAL

Name of the Bank : Jammu and Kashmir Bank Ltd.

Branch : New University Campus, Jammu

* 1. *GST as applicable will be extra and should be paid along with requisite fees.*
1. Applicant must submit Self Certification in form of Affidavit on Stamp Paper duly notarized, supporting documents for classifying them as Class A/ Class B, Govt. technical institution, Institute setup documents (Certificate of Registration), Documents relating to Financial Position, copy of PAN, TAN, VAT, Service Tax registration etc.
2. All the pages of this handbook, supporting documents must be numbered, signed and stamped by the owner of the institute and should be submitted along with the application and requisite fees in form of demand draft.
3. After receiving the application for accreditations, a preliminary screening will be done to ensure eligibility for accreditation and necessary documents attached.
4. All the eligible applications will be scrutinized by a Team constituted by the respective NIELIT RC for ESDM Courses as per laid down criteria for accreditation.
5. The eligible Institutions will be allocated unique/special code number called the **Temp ESDM ID** by the concerned NIELIT Regional Centre (RC).All Govt. technical institutions and NIELIT CHM-O/A level accredited institutes would be provisionally accredited based on self-certification method. However, for private institutions, Inspection team will do a site-visit before awarding accreditation.
6. A sudden and uninformed visit to any institute may be made to verify the self certification or to ascertain the quality of training. Institute, if not found suitable after sudden and uninformed visit by the Inspection team, will be given the chance to improve in lacking area as mentioned by Inspection Team within 01 Week Time. If institute fails to do so, its accreditation will be cancelled and payment made by the institute would be forfeited. However, for all such cases the concerned institute has to pay inspection fees again.
7. The Inspection Team will submit its report and recommendations to the NIELIT Regional Centre.
8. The recommendations of the Inspection Team will be considered by the NIELIT Regional Director and if found appropriate, provisional accreditation would be granted to the applicant institution.
9. After provisional accreditation, the Institution is granted **'ESDM Training Partner ID' (E-TPi)**, which will be used in all future correspondence.
10. Once provisional accreditation is granted either in Class-A or in Class-B, the Institution is required to enter into a Memorandum of Understanding (MoU) with NIELIT Regional Center. The MoU will list out the terms & conditions for implementation of ESDM Courses an ESDM Accredited Institute for NIELIT.
11. *Accreditation would be valid for* ***TWO YEARS*** *only. Institutes have to apply for renewal of ESDM Accreditation one month before the expiry of existing ESDM Accreditation with inspection fee and course accreditation fees.*

## KEY RESPONSIBILITIES OF AN ACCREDITATED INSTITUTE

1. An accredited Institute can initiate admission process and classes for the validated ESDM Courses in consultation with NIELIT and State Implementing Agency(SIA).
2. The Accredited Institutes are expected to closely follow the guidelines set under the Notifications (Notification number: F.No.1(17)/2012-HRD(Vol. II) Dated 31.10.2013 and No. L-14011/23/2014-HRD Dated 09.12.2014) of Govt of India for the ESDM Scheme and subsequent Orders & Amendments issued in connection with the scheme.
3. As per the Notification of ESDM Scheme, 50% placement of candidates is mandatory. Hence, the interaction with the concerned Industries in the local areas is very important for the placement of the passouts. The training partners are expected to ensure maximum employment of their passouts.
4. The subsequent admissions and reimbursements of grants, if any, would be released subject to the placement of requisite candidates.
5. To conduct free and fair examinations as and when assigned.

## GRIEVANCES AND REPRESENTATION, IF ANY

In case the applicant institute is not satisfied with the decision of NIELIT regarding its accreditation, or has some grievance towards the process of accreditation, the head of the institute may represent before the **Competent Authority, NIELIT RC** within a period of 30 days of the decision.

**Annexure-I**

**National Institute of Electronics and Information Technology ** **FORMAT FOR APPLYING ESDM ACCREDITATION**

**(FOR PROVISIONAL ACCREDITATION)**

Date:

To

**The Executive Director,**

**NIELIT J&K**

**Subject : Application for ESD****M PROVISIONAL ACCREDITATION**

Dear sir,

My institute named (herein after called "the

institute") is coming under Class-A (NIELIT CHM-O/A level ACCR No )/Class-B Institution as

defined in clause 4(i) and 4(ii) of this handbook and I am the “Organization Head” of the institute.

I have personally ensured that the institute fulfils the norms for accreditation and has run for the adequate sessions as mentioned in this document.

I wish to apply for accreditation of the following ESDM Courses:

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Name of Course\*** | **Course****Code** | **Vertical** |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |

\*- Details of Courses are attached with this EOI & available on the ESDM Portal.

Before submitting this application, I have personally ensured that my institute has adequate Building, infra-structure, support staff and faculty to undertake the course. I have also ensured that the institute has linkages with the industry for placement of the candidates after successfully completion of their training. The fee for the desired courses for **two years** is as under:

## For Class A

NIELIT CHM-O/A level ACCR No.

upto

 valid

|  |  |  |
| --- | --- | --- |
| ESDM Accreditation Registration fee: |  | Rs. 6000/- |
| Course Accreditation fee: Rs. 4000 /- × ( courses) |  | Rs. /- |
| Institute Inspection fee: |  | Rs. 10000/- |
| GST: | Rs. |  |

Total Rs. /-

## For Class B

Type of Institution Government / Private

ESDM Accreditation Registration fee:

For Government Institutions Rs. 6000/- For Private Institutes: Rs. 12,000/-

Course Accreditation fee: Rs. 4000/- × ( courses) Rs. /- Institute Inspection fee: Rs. 10000/-

GST: Rs.

Total Rs. /-

*\*Please strike out whichever is not applicable.*

The non-refundable fee of Rs. ­­ for processing of ESDM accreditation has been credited in the name of **Director NIELIT** J&K Bank account no. 0345040100008636 through NEFT No…………………………… dated………………………….

I am aware that In the event of deliberate nondisclosure/misrepresentation of vital information or supplying misleading information by default/mistake/blunder may result in cancellation of accreditation or accreditation process instantly along with forfeiture of the fee deposited and possible punitive action as per the decision and discretion of NIELIT. Kindly, initiate the process of provision accreditation of the institute.

With regards,

Signature: Name:

Address: \_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

e-mail: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Seal

**Annexure-II**

National Institute of Electronics & Information Technology, J&K

# Assessment table

**Note:** The figure in bracket (3rd column) is the minimum satisfactory figure. The ‘weightage awarded’ (last column) may be filled in by the Monitoring Person. However the maximum weightage is restricted to the figure outside bracket

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Characteristics & Sub-Division** | **Maximum Weightage** | **Weightage Awarded** | **Remarks/ Comments****(if any)** |
| **01.** | **Manpower :** |  |  |  |
|  | a.) Competence of Chief Executive | 05(3) |
|  | b.) Teaching Faculty Strength | 10(6) |
|  | c.) Lab staff Strength. | 10(6) |
|  | d.) Training and Placement Officer | 05(3) |
|  | e.) Supporting Staff | 05(3) |
|  | **Sub Total :** | **35(21)** |
| **02.** | **Infrastructure:** |  |  |  |
|  | a.) Premises | 05(3) |
|  | b.) Classroom | 05(3) |
|  | c.) Laboratory | 05(3) |
|  | d.) Power Backup | 03(2) |
|  | e.) Internet Facility | 03(2) |
|  | f.) Drinking Water/Washroom etc. | 02(1) |
|  | g.) Maintenance of Centre/Cleanliness etc. | 02(1) |
|  | **Sub Total :** | **25(15)** |
| **03.** | **Equipments :** |  |  |  |
|  | a.) Availability of Equipments as per course | 10(6) |
|  | requirements |  |
|  | b.) Lab Arrangement of Equipments | 05(3) |
|  | **Sub Total :** | **15(09)** |
| **04.** | **Administration :** |  |  |  |
|  | a.) Biometric Attendance System b.) Method of Admissionc.) Library/Course Materiald.) Document and Record Management**Sub Total :** | 05(3)03(2)05(3)02(1)**15(09)** |  |  |
| **05.** | **Experience of running Training Programme** | **10(06)** |  |  |
|  | **Grand Total** | **100(60)** |  |  |

# List of NSQF Compliant ESDM Courses

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **S.****No** | **KIA** | **Course Code** | **Course Name** | **NSDC QP\_ID** | **Level** | **Total Duration** | **Core Theory** | **Core Prac tical** | **OJT** | **Generic NOS** | **Sector (Service/ Manufac****turing)** | **Industry Vertical** |
| 1 | TSSC | EL/S/L4/C101N NL/S/L4/C101N TL/S/L4/C101NHL/S/L4/C101N | Broadband Technician | TEL/Q0102 | 4 | 450 | 118 | 132 | 120 | 80 | Service | Telecom |
| 2 | TSSC | EL/S/L4/C102N HL/S/L4/C102N NL/S/L4/C102NTL/S/L4/C102N | Telecom Customer Care Executive - Repair Center | TEL/Q2200 | 4 | 390 | 88 | 102 | 120 | 80 | Service | Telecom |
| 3 | TSSC | EL/S/L3/C103N NL/S/L3/C103N TL/S/L3/C103N HL/S/L3/C103N | Telecom Customer Care Executive - Call Center/Relationship Center**2 Electives (90 Hours each, 1 to be opted) :**1. Call Center
2. Relationship Center
 | TEL/Q0100 | 3 | 420 | 58 | 102 | 90 | 80 | Service | Telecom |
| 4 | TSSC | EL/S/L5/C104N NL/S/L5/C104N TL/S/L5/C104NHL/S/L5/C104N | Cluster In-Charge | TEL/Q4101 | 5 | 480 | 118 | 162 | 120 | 80 | Service | Telecom |
| 5 | TSSC | EL/S/L6/C105N NL/S/L6/C105N TL/S/L6/C105NHL/S/L6/C105N | Cluster Manager | TEL/Q4102 | 6 | 510 | 148 | 162 | 120 | 80 | Service | Telecom |
| 6 | TSSC | EL/S/L3/C106N NL/S/L3/C106N TL/S/L3/C106NHL/S/L3/C106N | Telecom E-Waste Handler | TEL/Q2400 | 3 | 390 | 88 | 102 | 120 | 80 | Service | Telecom |
| 7 | TSSC | EL/S/L3/C107N NL/S/L3/C107N TL/S/L3/C107NHL/S/L3/C107N | Fiber to-the Home (FTTH/X) Installer | TEL/Q4200 | 3 | 420 | 88 | 132 | 120 | 80 | Service | Telecom |
| 8 | TSSC | EL/S/L4/C108N NL/S/L4/C108N TL/S/L4/C108NHL/S/L4/C108N | Grass Root Telecom Provider | TEL/Q6207 | 4 | 480 | 118 | 162 | 120 | 80 | Service | Telecom |
| 9 | TSSC | EL/M/L3/C109N NL/M/L3/C109N TL/M/L3/C109NHL/M/L3/C109N | Hand Soldering Technician - Telecom Board | TEL/Q2500 | 3 | 420 | 88 | 132 | 120 | 80 | Manufact uring | Consumer Electronics |
| 10 | TSSC | EL/S/L4/C110N NL/S/L4/C110N TL/S/L4/C110NHL/S/L4/C110N | Handheld Devices (Handset & Tablet) Technician | TEL/Q2201 | 4 | 480 | 118 | 162 | 120 | 80 | Service | Telecom |
| 11 | TSSC | EL/S/L5/C111N NL/S/L5/C111N TL/S/L5/C111NHL/S/L5/C111N | Installation Engineer - SDH, DWDM, L2 andL3 Equipment | TEL/Q6300 | 5 | 480 | 118 | 162 | 120 | 80 | Service | Network Management |
| 12 | TSSC | EL/S/L3/C112N NL/S/L3/C112N TL/S/L3/C112NHL/S/L3/C112N | In-Store Promoter | TEL/Q2101 | 3 | 390 | 88 | 102 | 120 | 80 | Service | Telecom |
| 13 | TSSC | EL/M/L4/C113N NL/M/L4/C113NTL/M/L4/C113N HL/M/L4/C113N | Line Assembler - Telecom Products | TEL/Q2502 | 4 | 510 | 148 | 162 | 120 | 80 | Manufact uring | Consumer Electronics |
| 14 | TSSC | EL/S/L3/C114N NL/S/L3/C114N TL/S/L3/C114NHL/S/L3/C114N | Optical Fiber Splicer | TEL/Q6400 | 3 | 390 | 88 | 102 | 120 | 80 | Service | Telecom Passive Infrastructure |
| 15 | TSSC | EL/S/L4/C115N NL/S/L4/C115NTL/S/L4/C115N HL/S/L4/C115N | Optical Fiber Technician | TEL/Q6401 | 4 | 480 | 118 | 162 | 120 | 80 | Service | Telecom Passive Infrastructure |
| 16 | TSSC | EL/S/L4/C116N NL/S/L4/C116N TL/S/L4/C116N HL/S/L4/C116N | OutSide Plant (OSP) Fiber Installation, Testing & CommissioningSupervisor | TEL/Q4107 | 4 | 510 | 148 | 162 | 120 | 80 | Service | Telecom Passive Infrastructure |
| 17 | TSSC | EL/M/L4/C117N NL/M/L4/C117N TL/M/L4/C117N HL/M/L4/C117N | Telecom Embedded Hardware Developer | TEL/Q2303 | 4 | 480 | 118 | 162 | 120 | 80 |   Manufact uring | Consumer Electronics |
| 18 | TSSC | EL/S/L4/C118N NL/S/L4/C118NTL/S/L4/C118NHL/S/L4/C118N | Network System Associate | TEL/Q6208 | 4 | 480 | 118 | 162 | 120 | 80 | Service | Telecom |
| 19 | TSSC | EL/M/L4/C119N NL/M/L4/C119N TL/M/L4/C119NHL/M/L4/C119N | Telecom Surface Mount Technology (SMT) Technician | TEL/Q2501 | 4 | 510 | 148 | 162 | 120 | 80 | Manufact uring | Consumer Electronics |
| 20 | TSSC | EL/S/L4/C120N NL/S/L4/C120N TL/S/L4/C120NHL/S/L4/C120N | Telecom Terminal Equipment Application Developer(Android)v3.0 | TEL/Q2300 | 4 | 480 | 118 | 162 | 120 | 80 | Service | Telecom |
| 21 | TSSC | EL/S/L4/C121N NL/S/L4/C121N TL/S/L4/C121NHL/S/L4/C121N | Telecom Terminal Equipment Application Developer(Native) | TEL/Q2301 | 4 | 480 | 118 | 162 | 120 | 80 | Service | Telecom |
| 22 | TSSC | EL/S/L4/C122N NL/S/L4/C122N TL/S/L4/C122NHL/S/L4/C122N | Tower Technician | TEL/Q4100 | 4 | 480 | 118 | 162 | 120 | 80 | Service | Telecom Passive Infrastructure |
| 23 | TSSC | EL/S/L5/C123N NL/S/L5/C123N TL/S/L5/C123NHL/S/L5/C123N | Territory Sales Manager - Prepaid/Broadband | TEL/Q0203 | 5 | 570 | 178 | 192 | 120 | 80 | Service | Telecom |
| 24 | TSSC | EL/S/L4/C124N NL/S/L4/C124N TL/S/L4/C124NHL/S/L4/C124N | Wireless Technician | TEL/Q4105 | 4 | 510 | 148 | 162 | 120 | 80 | Service | Telecom |
| 25 | ESSCI | EL/M/L4/C125N NL/M/L4/C125N TL/M/L4/C125NHL/M/L4/C125N | Assembly Operator- RAC | ELE/Q3501 | 4 | 570 | 138 | 202 | 150 | 80 | Manufact uring | Electronics Manufacturin g System |
| 26 | ESSCI | EL/S/L4/C126N NL/S/L4/C126N TL/S/L4/C126NHL/S/L4/C126N | Field Technician - Air Conditioner | ELE/Q3102 | 4 | 540 | 118 | 192 | 150 | 80 | Service | Consumer Electronics |
| 27 | ESSCI | EL/S/L4/C127N NL/S/L4/C127N TL/S/L4/C127NHL/S/L4/C127N | Field Techncian- Other Home Appliances | ELE/Q3104 | 4 | 540 | 118 | 192 | 150 | 80 | Service | Consumer Electronics |
| 28 | ESSCI | EL/S/L5/C128N NL/S/L5/C128N TL/S/L5/C128NHL/S/L5/C128N | Field Engineer RACW | ELE/Q3105 | 5 | 690 | 148 | 252 | 210 | 80 | Service | Consumer Electronics |
| 29 | ESSCI | EL/M/L4/C129N NL/M/L4/C129N TL/M/L4/C129NHL/M/L4/C129N | Smartphone Assembly Technician | ELE/Q3901 | 4 | 540 | 118 | 192 | 150 | 80 | Manufact uring | Communicati on & Broadcasting |
| 30 | ESSCI | EL/S/L4/C130N NL/S/L4/C130N TL/S/L4/C130NHL/S/L4/C130N | CCTV Installation Technician | ELE/Q4605 | 4 | 540 | 118 | 192 | 150 | 80 | Service | Security & Surveillance |
| 31 | ESSCI | EL/S/L4/C131N NL/S/L4/C131N TL/S/L4/C131N HL/S/L4/C131N | Field Technician Networking And Storage | ELE/Q4606 | 4 | 540 | 118 | 192 | 150 | 80 | Service | IT Hardware |
| 32 | ESSCI | EL/S/L4/C132N NL/S/L4/C132N TL/S/L4/C132NHL/S/L4/C132N | Solar Panel Installation Technician | ELE/Q5901 | 4 | 540 | 118 | 192 | 150 | 80 | Service | Solar Electronics |
| 33 | ESSCI | EL/S/L4/C133N NL/S/L4/C133N TL/S/L4/C133NHL/S/L4/C133N | DTH Set Top Box Installation & Service Technician | ELE/Q8101 | 4 | 540 | 118 | 192 | 150 | 80 | Service | Communicati on &Electronics |
| 34 | ESSCI | EL/M/L4/C134N NL/M/L4/C134N TL/M/L4/C134NHL/M/L4/C134N | Through Hole Assembly Operator | ELE/Q5101 | 4 | 540 | 118 | 192 | 150 | 80 | Manufact uring | Electronics Manufacturin g System |
| 35 | ESSCI | EL/S/L3/C135N NL/S/L3/C135NTL/S/L3/C135N HL/S/L3/C135N | Wireman Control Panel Electronics | ELE/Q7302 | 3 | 390 | 58 | 102 | 150 | 80 | Service | Industrial Electronics |
| 36 | ESSCI | EL/M/L4/C136N NL/M/L4/C136N TL/M/L4/C136NHL/M/L4/C136N | EMS Technician | ELE/Q5315 | 4 | 540 | 118 | 192 | 150 | 80 | Manufact uring | Electronics Manufacturin g System |
| 37 | ESSCI | EL/S/L4/C137N NL/S/L4/C137NTL/S/L4/C137N HL/S/L4/C137N | DAS Set Top Box Installation & Service Technician | ELE/Q8102 | 4 | 540 | 118 | 192 | 150 | 80 | Service | Communicati on Electronics |
| 38 | ESSCI | EL/S/L4/C138N NL/S/L4/C138N TL/S/L4/C138NHL/S/L4/C138N | Digital Cable Technician - Access | ELE/Q8106 | 4 | 540 | 118 | 192 | 150 | 80 | Service | Communicati on & Broadcasting |
| 39 | ESSCI | EL/S/L4/C139N NL/S/L4/C139N TL/S/L4/C139N HL/S/L4/C139N | Pick And Place Assembly Operator | ELE/Q5102 | 4 | 540 | 118 | 192 | 150 | 80 | Service | Electronics Manufacturin g System |
| 40 | ESSCI | EL/S/L4/C140N NL/S/L4/C140N TL/S/L4/C140NHL/S/L4/C140N | Field Technician Computing and Peripherals | ELE/Q4601 | 4 | 450 | 88 | 132 | 150 | 80 | Service | IT Hardware |
| 41 | ESSCI | EL/S/L3/C141N NL/S/L3/C141N TL/S/L3/C141NHL/S/L3/C141N | Assistant Installation Computing And Peripherals | ELE/Q4609 | 3 | 420 | 88 | 162 | 90 | 80 | Service | IT Hardware |
| 42 | ESSCI | EL/S/L4/C142N NL/S/L4/C142N TL/S/L4/C142NHL/S/L4/C142N | Mobile Phone Hardware Repair Technician | ELE/Q8104 | 4 | 570 | 118 | 222 | 150 | 80 | Service | Communicati on & Broadcasting |
| 43 | ESSCI | EL/S/L3/C143N NL/S/L3/C143N TL/S/L3/C143NHL/S/L3/C143N | Electrical Technician | ELE/Q6301 | 3 | 390 | 58 | 102 | 150 | 80 | Service | Industrial Automation |
| 44 | ESSCI | EL/S/L4/C144N NL/S/L4/C144N TL/S/L4/C144NHL/S/L4/C144N | Field Technician- UPS & Inverter | ELE/Q7201 | 4 | 540 | 118 | 192 | 150 | 80 | Service | Industrial Automation |
| 45 | ESSCI | EL/M/L3/C145N NL/M/L3/C145N TL/M/L3/C145NHL/M/L3/C145N | Welding Operator Electronics | ELE/Q0102 | 3 | 390 | 58 | 102 | 150 | 80 | Manufact uring | Semiconducto r and Components |
| 46 | ESSCI | EL/S/L4/C146N NL/S/L4/C146N TL/S/L4/C146NHL/S/L4/C146N | Multi Skill Technician | ELE/Q3115 | 4 | 600 | 238 | 282 | 0 | 80 | Service | Consumer Electronics and ITHardware |
| 47 | ESSCI | EL/M/L3/C147N NL/M/L3/C147NTL/M/L3/C147N HL/M/L3/C147N | Electrical Assembly Operator – Control Panel | ELE/Q7306 | 3 | 420 | 88 | 152 | 100 | 80 | Manufact uring | Industrial Automation |
| 48 | HSSC | EL/S/L3/C148N NL/S/L3/C148N TL/S/L3/C148NHL/S/L3/C148N | Medical Equipment Assistant (Basic Clinical Equipment) | HSS/Q5601 | 3 | 600 | 110 | 185 | 240 | 65 | Service | Medical Electronics |
| 49 | NIELIT | EL/S/L4/C149N NL/S/L4/C149N TL/S/L4/C149NHL/S/L4/C149N | CHM- T(Computer Hardware Maintenance- Technician) O-Level |  | 4 | 600 | 180 | 300 | 60 | 60 | Service | Office Automation ITnetworking |
| 50 | NIELIT | EL/S/L4/C150N NL/S/L4/C150N TL/S/L4/C150NHL/S/L4/C150N | Repair and Maintenance Technician (HospitalEquipment) |  | 4 | 420 | 150 | 210 | 30 | 30 | Service | Medical Electronics |
| 51 | NIELIT | EL/S/L3/C151N NL/S/L3/C151N TL/S/L3/C151NHL/S/L3/C151N | Repair & Maintenance Assistant (Dental Equipment) |  | 3 | 330 | 120 | 150 | 30 | 30 | Service | Medical Electronics |
| 52 | NIELIT | EL/S/L3/C152N NL/S/L3/C152N TL/S/L3/C152NHL/S/L3/C152N | Repair & Maintenance Assistant (ICCU Equipment) |  | 3 | 330 | 120 | 150 | 30 | 30 | Service | Medical Electronics |
| 53 | NIELIT | EL/S/L3/C153N NL/S/L3/C153N TL/S/L3/C153NHL/S/L3/C153N | Repair and Maintenance Assistant (X-Ray & UltrasoundMachine) |  | 3 | 330 | 120 | 150 | 30 | 30 | Service | Medical Electronics |
| 54 | NIELIT | EL/S/L3/C154N NL/S/L3/C154N TL/S/L3/C154N HL/S/L3/C154N | Certified Repair & Maintenance Assistant (Power Supply, Inverter & UPS) |  | 3 | 360 | 120 | 180 | 30 | 30 | Service | Consumer Electronics |
| 55 | NIELIT | EL/S/L3/C155N NL/S/L3/C155N TL/S/L3/C155N HL/S/L3/C155N | Certified Electronic Product Testing Assistant |  | 3 | 360 | 120 | 180 | 30 | 30 | Service | Electronic s ProductDesign |
| 56 | NIELIT | EL/S/L3/C156N NL/S/L3/C156N TL/S/L3/C156N HL/S/L3/C156N | Certified Industrial Automation Assistant |  | 3 | 360 | 120 | 180 | 30 | 30 | Service | Industrial Automati on |
| 57 | NIELIT | EL/S/L3/C157N NL/S/L3/C157N TL/S/L3/C157N HL/S/L3/C157N | Certified Installation & Maintenance Assistant(Photocopiers and Printers) |  | 3 | 300 | 90 | 150 | 30 | 30 | Service | Office Automation |
| 58 | NIELIT | EL/S/L3/C158N NL/S/L3/C158N TL/S/L3/C158N HL/S/L3/C158N | Certified Installation Repair and MaintenanceAssistant (Home Appliances) |  | 3 | 360 | 120 | 180 | 30 | 30 | Service | Consumer Electronics |
| 59 | NIELIT | EL/S/L3/C159N NL/S/L3/C159N TL/S/L3/C159N HL/S/L3/C159N | Certified PC Hardware and Networking Assistant |  | 3 | 390 | 120 | 180 | 60 | 30 | Service | Office Automation, ITNetworking |
| 60 | NIELIT | EL/S/L4/C160N NL/S/L4/C160N TL/S/L4/C160N HL/S/L4/C160N | Certified Repair & Maintenance Technician (Industrial Instrumentation&Automation System) |  | 4 | 420 | 60 | 300 | 30 | 30 | Service | Industrial Automation |
| 61 | NIELIT | EL/M/L5/C161N NL/M/L5/C161N TL/M/L5/C161N HL/M/L5/C161N | Certified VLSI Design Engineer |  | 5 | 480 | 180 | 240 | 30 | 30 | Manufact uring | Embedded System and VLSI |

# Updated List of NSQF Compliant ESDM Courses for Futuristic Technologyas

# on 21st July 2022

Course Code: **X/AB/C/DE/FGHIN** where **X**:FT, **AB**: EL/NL/TL/HL (ESSCI/NIELIT/TSSC/HSSC), **C**: S or M (S-Service, M-Manufacturing), **DE**: Level (e.g. L1/L2/L3...), **FGHI**: Course Number (C001, course no.1...),**N**: NSQF Compliant

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sr. No****.** | **KIA** | **Course Code** | **Course Name** | **NSDC QP\_ID** | **Level** | **Total Durati on** | **Core Theory** | **Core Practic al** | **OJT** | **Gen. NOS** | **Sector (Service/M anufacturi****ng)** | **Industry Vertical** |
| 1 | TSSC | FT/EL/S/L6/C201N FT/NL/S/L6/C201N FT/TL/S/L6/C201NFT/HL/S/L6/C201N | Base Station Sub- system (BSS) Support Engineer | TEL/Q6200 | 6 | 510 | 148 | 162 | 120 | 80 | Service | Network Management |
| 2 | TSSC | FT/EL/S/L5/C202N FT/NL/S/L5/C202N FT/TL/S/L5/C202NFT/HL/S/L5/C202N | Drive Test Engineer | TEL/Q6211 | 5 | 600 | 178 | 222 | 120 | 80 | Service | Network Management |
| 3 | TSSC | FT/EL/S/L5/C203N FT/NL/S/L5/C203N FT/TL/S/L5/C203NFT/HL/S/L5/C203N | Field Management (FM) Engineer | TEL/Q6202 | 5 | 600 | 178 | 222 | 120 | 80 | Service | Telecom |
| 4 | TSSC | FT/EL/S/L6/C204N FT/NL/S/L6/C204N FT/TL/S/L6/C204N FT/HL/S/L6/C204N | Information and Communication Technology (ICT) Engineer - 5GNetworks | TEL/Q6205 | 6 | 510 | 148 | 162 | 120 | 80 | Service | Network Management |
| 5 | TSSC | FT/EL/S/L4/C205N FT/NL/S/L4/C205N FT/TL/S/L4/C205NFT/HL/S/L4/C205N | Information and Communication Technology (ICT)Technician | TEL/Q6206 | 4 | 480 | 118 | 162 | 120 | 80 | Service | Network Management |
| 6 | TSSC | FT/EL/S/L5/C206N FT/NL/S/L5/C206N FT/TL/S/L5/C206NFT/HL/S/L5/C206N | Telecom Infrastructure Engineer | TEL/Q6100 | 5 | 480 | 118 | 162 | 120 | 80 | Service | Telecom Passive Infrastructure |
| 7 | TSSC | FT/EL/S/L4/C207N FT/NL/S/L4/C207NFT/TL/S/L4/C207N FT/HL/S/L4/C207N | Active Network Management Associate | TEL/Q6302 | 4 | 480 | 118 | 162 | 120 | 80 | Service | Network Management |
| 8 | TSSC | FT/EL/S/L4/C208N FT/NL/S/L4/C208N FT/TL/S/L4/C208NFT/HL/S/L4/C208N | Telecom Technician - IOT Device/System | TEL/Q6210 | 4 | 480 | 118 | 162 | 120 | 80 | Service | Telecom |
| 9 | TSSC | FT/EL/S/L3/C209N FT/NL/S/L3/C209N FT/TL/S/L3/C209NFT/HL/S/L3/C209N | Telecom Rigger – 5G and Legacy Networks | TEL/Q6212 | 3 | 420 | 88 | 132 | 120 | 80 | Service | Telecom |
| 10 | TSSC | FT/EL/S/L4/C210N FT/NL/S/L4/C210N FT/TL/S/L4/C210NFT/HL/S/L4/C210N | Infrastructure Technician - 5G Networks | TEL/Q4201 | 4 | 510 | 148 | 162 | 120 | 80 | Service | Network Management |
| 11 | TSSC | FT/EL/S/L4/C211N FT/NL/S/L4/C211N FT/TL/S/L4/C211NFT/HL/S/L4/C211N | Technician 5G – Active Network Installation | TEL/Q6213 | 4 | 510 | 148 | 162 | 120 | 80 | Service | Network Management |
| 12 | TSSC | FT/EL/S/L5/C212N FT/NL/S/L5/C212N FT/TL/S/L5/C212NFT/HL/S/L5/C212N | Project Engineer - 5G Networks | TEL/Q6306 | 5 | 600 | 178 | 222 | 120 | 80 | Service | Network Management |
| 13 | TSSC | FT/EL/S/L6/C213N FT/NL/S/L6/C213N FT/TL/S/L6/C213NFT/HL/S/L6/C213N | System Architect– 5G Cloud RAN | TEL/Q6305 | 6 | 690 | 208 | 282 | 120 | 80 | Service | Network Management |
| 14 | TSSC | FT/EL/S/L3/C214N FT/NL/S/L3/C214NFT/TL/S/L3/C214N FT/HL/S/L3/C214N | Jr. Technician - Last Mile Active Network | TEL/Q6101 | 3 | 390 | 88 | 102 | 120 | 80 | Service | Telecom |
| 15 | TSSC | FT/EL/S/L3/C215N FT/NL/S/L3/C215N FT/TL/S/L3/C215N FT/HL/S/L3/C215N | IoT Technical Service Operator **4 Electives (90 Hours each, 1 to be opted**):IoT – Smart City IoT – AgricultureIoT -Telemedicine IoT – Transport | TEL/Q6214 | 3 | 450 | 58 | 102 | 120 | 80 | Service | Telecom |
| 16 | TSSC | FT/EL/S/L3/C216N FT/NL/S/L3/C216N FT/TL/S/L3/C216N FT/HL/S/L3/C216N | Drone Monitoring and Maintenance Associate | TEL/Q6217 | 3 | 390 | 88 | 102 | 120 | 80 | Service | Telecom |
| 17 | TSSC | FT/EL/S/L3/C217N FT/NL/S/L3/C217N FT/TL/S/L3/C217N FT/HL/S/L3/C217N | AI Devices Installation Operator | TEL/Q6102 | 3 | 390 | 88 | 102 | 120 | 80 | Service | Telecom |
| 18 | TSSC | FT/EL/S/L4/C218N FT/NL/S/L4/C218N FT/TL/S/L4/C218NFT/HL/S/L4/C218N | AI & ML – Jr.Telecom Data Analyst | TEL/Q6602 | 4 | 450 | 88 | 162 | 120 | 80 | Service | Telecom |
| 19 | TSSC | FT/EL/S/L4/C219N FT/NL/S/L4/C219N FT/TL/S/L4/C219NFT/HL/S/L4/C219N | Cloud Computing– Jr. Analyst | TEL/Q6215 | 4 | 450 | 88 | 162 | 120 | 80 | Service | Telecom |
| 20 | TSSC | FT/EL/S/L5/C220N FT/NL/S/L5/C220N FT/TL/S/L5/C220NFT/HL/S/L5/C220N | Machine Learning (ML) Engineer | TEL/Q6603 | 5 | 570 | 148 | 222 | 120 | 80 | Service | Telecom |
| 21 | TSSC | FT/EL/S/L5/C221N FT/NL/S/L5/C221N FT/TL/S/L5/C221NFT/HL/S/L5/C221N | IoT Installation Solutions Architect | TEL/Q6216 | 5 | 570 | 148 | 222 | 120 | 80 | Service | Telecom |
| 22 | ESSCI | FT/EL/M/L5/C222N FT/NL/M/L5/C222N FT/TL/M/L5/C222NFT/HL/M/L5/C222N | Mechatronics Maintenance Specialist | ELE/Q7105 | 5 | 720 | 188 | 252 | 200 | 80 | Manufactur ing | Industrial Automation |
| 23 | ESSCI | FT/EL/M/L6/C223N FT/NL/M/L6/C223N FT/TL/M/L6/C223NFT/HL/M/L6/C223N | Mechatronics Designer and System Integrator | ELE/Q7107 | 6 | 870 | 238 | 302 | 250 | 80 | Manufactur ing | Industrial Automation |
| 24 | ESSCI | FT/EL/M/L5/C224N FT/NL/M/L5/C224N FT/TL/M/L5/C224NFT/HL/M/L5/C224N | VLSI Design Engineer | ELE/Q1201 | 5 | 720 | 188 | 252 | 200 | 80 | Manufactur ing | Semiconducto r and Components |
| 25 | ESSCI | FT/EL/M/L5/C225N FT/NL/M/L5/C225NFT/TL/M/L5/C225N FT/HL/M/L5/C225N | Embedded Software Engineer | ELE/Q1501 | 5 | 690 | 178 | 312 | 120 | 80 | Manufactur ing | Semiconducto r and Components |
| 26 | ESSCI | FT/EL/M/L5/C226N FT/NL/M/L5/C226N FT/TL/M/L5/C226NFT/HL/M/L5/C226N | Electronic Hardware Design Engineer | ELE/Q6102 | 5 | 690 | 178 | 312 | 120 | 80 | Manufactur ing | Industrial Automation |
| 27 | ESSCI | FT/EL/M/L6/C227N FT/NL/M/L6/C227N FT/TL/M/L6/C227NFT/HL/M/L6/C227N | Embedded Product Design Engineer-Technical Lead | ELE/Q1403 | 6 | 840 | 208 | 312 | 240 | 80 | Manufactur ing | Semiconducto r and Components |
| 28 | ESSCI | FT/EL/M/L5/C228N FT/NL/M/L5/C228N FT/TL/M/L5/C228NFT/HL/M/L5/C228N | Embedded Full Stack IoT Analyst | ELE/Q1404 | 5 | 690 | 178 | 312 | 120 | 80 | Manufactur ing | Semiconducto r and Components |
| 29 | ESSCI | FT/EL/M/L5/C229N FT/NL/M/L5/C229N FT/TL/M/L5/C229NFT/HL/M/L5/C229N | IoT Hardware Analyst | ELE/Q1405 | 5 | 690 | 178 | 312 | 120 | 80 | Manufactur ing | Semiconducto r and Components |
| 30 | ESSCI | FT/EL/M/L4/C230N FT/NL/M/L4/C230N FT/TL/M/L4/C230NFT/HL/M/L4/C230N | Battery System Assembly Operator | ELE/Q6604 | 4 | 390 | 58 | 102 | 150 | 80 | Manufactur ing | E-Mobility and Battery |
| 31 | ESSCI | FT/EL/M/L4/C231N FT/NL/M/L4/C231N FT/TL/M/L4/C231NFT/HL/M/L4/C231N | Electronic Hardware AssemblyOperator | ELE/Q6605 | 4 | 390 | 58 | 102 | 150 | 80 | Manufactur ing | E-Mobility and Battery |
| 32 | ESSCI | FT/EL/M/L5/C232N FT/NL/M/L5/C232NFT/TL/M/L5/C232N FT/HL/M/L5/C232N | Battery System Design Engineer | ELE/Q6701 | 5 | 510 | 118 | 162 | 150 | 80 | Manufactur ing | E-Mobility and Battery |
| 33 | ESSCI | FT/EL/M/L5/C233N FT/NL/M/L5/C233N FT/TL/M/L5/C233NFT/HL/M/L5/C233N | Motor and Controller Design Engineer | ELE/Q6702 | 5 | 510 | 118 | 162 | 150 | 80 | Manufactur ing | E-Mobility and Battery |
| 34 | ESSCI | FT/EL/S/L4/C234N FT/NL/S/L4/C234N FT/TL/S/L4/C234NFT/HL/S/L4/C234N | Battery System Repair Technician | ELE/Q7001 | 4 | 390 | 58 | 102 | 150 | 80 | Service | E-Mobility and Battery |
| 35 | ESSCI | FT/EL/S/L4/C235N FT/NL/S/L4/C235N FT/TL/S/L4/C235NFT/HL/S/L4/C235N | Motor & Controller RepairingTechnician | ELE/Q7002 | 4 | 390 | 58 | 102 | 150 | 80 | Service | E-Mobility and Battery |
| 36 | ESSCI | FT/EL/S/L4/C236N FT/NL/S/L4/C236N FT/TL/S/L4/C236NFT/HL/S/L4/C236N | Drone Service Technician | ELE/Q7003 | 4 | 390 | 58 | 102 | 150 | 80 | Service | E-Mobility and Battery |
| 37 | ESSCI | FT/EL/M/L3/C237N FT/NL/M/L3/C237N FT/TL/M/L3/C237N FT/HL/M/L3/C237N | Wiring Harness Assembly Operator | ELE/Q6306 | 3 | 300 | 88 | 132 | 0 | 80 | Manufactur ing | Electronics Manufacturin g System |
| 38 | NIELIT | FT/EL/S/L4/C238N FT/NL/S/L4/C238N FT/TL/S/L4/C238N FT/HL/S/L4/C238N | Robotic Programming and Maintenance Technician |  | 4 | 450 | 150 | 240 | 30 | 30 | Service | Industrial Automation |