QUALIFICATION FILE SUMMARY

Qualification Title	Post Diploma in Electronic Product Design
Qualification Code	NIELIT/ED/2/12
Body/Bodies which will Assess Candidates	**Examination Cell,** National Institute of Electronics and Information Technology, 6-CGO Complex, Electronics Niketan, Lodhi Road, New Delhi. 110003.
Body/Bodies which will Award the Certificate for the Qualification.	**Certification Division,** National Institute of Electronics and Information Technology, 6-CGO Complex, Electronics Niketan,Lodhi Road, New Delhi. 110003.
Body which will Accredit Providers to offer the Qualification.	**Accreditation Division,** National Institute of Electronics and Information Technology, 6-CGO Complex, Electronics Niketan, Lodhi Road, New Delhi. 110003.
Occupation(s) to which the Qualification Gives Access	Electronic Product Design Engineer
Proposed Level of the Qualification in the NSQF.	Level 6
Notional Learning Hours	1598 Hours. (12Month)
Entry Requirements / Recommendations.	• Three years Diploma in Electronics/ Electrical / Computer/Instrumentation or equivalent or B.Sc. (Electronics/Computer/Physics) from recognized University
Progression From the Qualification.	• Semi-Skilled Technician ⬇ • Electronic Product Design Skill Development ⬇ • Electronic Product Design Engineer
Planned Arrangements for RPL.	• Presently only candidates who undergo training shall be assessed. • It will be incorporated once RPL strategy is finalized.

Formal Structure of the Qualification				
Module Code	**Title of Unit or other Component** (include any identification code used)	**Mandatory / Optional**	**Estimated Size (Learning Hours)**	**Level**
1st Semester				
PD-01	Analog and Digital Circuit Design	Mandatory	96	
PD-02	Designand Application with Power Devices	Mandatory	96	
PD-03	Microcontroller Based Embedded System Design	Mandatory	96	
LB-01	Laboratory – 1	Mandatory	117	
LB-02	Laboratory – 2	Mandatory	117	
LB-03	Laboratory – 3	Mandatory	117	6
PD-04	Project & Dissertation – I	Mandatory	150	
2nd Semester				
PD-05	Manufacturing Technology	Mandatory	96	
PD-06	Electronic Product Design	Mandatory	96	
PD-07	Measurement and Display Devices	Mandatory	96	
LB-04	Laboratory – 4	Mandatory	117	
LB-05	Laboratory – 5	Mandatory	117	
LB-06	Laboratory – 6	Mandatory	117	
PD-08	Project & Dissertation – II	Mandatory	150	
PD-09	Enhancing Communication & Soft Skill	Mandatory	20	

Please Attach any Document giving Further Detail about the Structure of the Qualification – e.g. a Curriculum or Qualification Pack.Detailed Curriculum: Attached at Annexure III.

SECTION 1
ASSESSMENT

Name of Assessment Body:
Examination Cell
National Institute of Electronics and Information Technology
6-CGO Complex, Electronics Niketan,
Lodhi Road, New Delhi. 110003.

Will the Assessment Body be Responsible for RPL Assessment?

Yes. We will conduct Online/Entrance Test/Interview of the Participants for Admission. Entrance test will be based on Aptitude (20%), Logical reasoning (20%), C Programming (10%) and Basic electronics (30%) and Internet (20%). Basic Electronics includes topics of Digital, Analog, Computer Organization, Signals and Systems.At the course end, we will conduct Theory and Practical Examination for each module. except for the Project Work-1 and Project Work-2. ProjectWork will be assessed by oral presentation and live demo of project to be given by candidates.A candidate will be eligible for a Post Diploma degree, if he/she clears all the papers.The grading system of Post Diploma in Electronic Product Design is given below

i.	Pass Aggregate	-	50%
ii.	2nd Division	-	Less than 65%
iii.	1st Division	-	Greater than or equal to 65%
iv.	Honors	-	Greater than or equal to 75% in first attempt without any back paper